

**174 Maitland Drive  
Draft Plan of Subdivision**

**Noise & Vibration Impact Study**

**Part of Lot 3, Concession 3  
Former Township of Thurlow  
City of Belleville  
Hastings County**

September 2020

**AINLEY GRAHAM & ASSOCIATES**

**CONSULTING ENGINEERS AND PLANNERS**

**COLLINGWOOD · BARRIE · BELLEVILLE · KINGSTON · OTTAWA**

File No. 19628-1

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## 1.0 INTRODUCTION

### 1.1 General

Ainley Group has been retained to undertake engineering services necessary to provide a Noise and Vibration Impact Study (NVIS) for the proposed draft plan of subdivision at 174 Maitland Drive in Belleville, Ontario. Ainley Group retained Aercoustics Engineering Limited (Aercoustics) to carry out on-site monitoring of noise and vibration levels.

The proposed development is located south of Maitland Drive, west of Highway 62, north of the Lowe's Home Improvement Centre, and east of the existing Deerfield residential development. A parcel of approximately 100m wide vacant, treed lands buffer the property from Highway 62. The development site is represented in **Figure 1**. The proposal will incorporate the development of thirty-six (36) single detached units and sixty-one (61) townhouse units. For the purposes of this report it was assumed that all dwellings would be two (2) storeys.

The purpose of this study is to examine the existing and future noise and vibration environment in the development area and evaluate its impact potential on future noise sensitive receptors. This study also investigates the noise controls required for the development to meet the noise guidelines of the Ontario Ministry of the Environment, Conservation, and Parks (MECP) and to satisfy the requirements of the City of Belleville. This report considered the MECP guideline NPC-300 "Stationary and Transportation Sources – Approval and Planning" (August 2013).

The development site is not affected by aircraft traffic or rail traffic noise. This report is based on the following information:

- Road traffic information provided by the Ontario Ministry of Transportation,
- Measurements from a site visit conducted by Aercoustics personnel on June 8, 2018 at Lowe's facility.
- Measurements at Coco Paving and observations of CBM Readymix operation during site visit conducted by Aercoustics personnel on May 19, 2020. AEL personnel were unable to access the CBM facility during the site visit of May 19, 2020. Observations were made from the east side of Highway 62.
- Certificate of Approval / Environmental Compliance Approval (ECA) Number 7065-6BDQB2 dated March 31, 2007 issued for CBM Cement Plant located at 6542 Highway 62.
- Amended Certificate of Approval / Environmental Compliance Approval (ECA) Number 9706-8FEJFD dated May 3, 2011 issued for Coco Paving Asphalt Plant located at 6520 Highway 62.

### 1.2 Criteria

#### Transportation Noise – Outdoor Living Area (OLA)

MECP Guidelines recommend that equivalent noise levels (Leq-16hr) in outdoor living areas should not exceed 55 dBA. Predicted noise levels between 55 dBA and 60 dBA may be acceptable provided that the future occupants of the building are made aware of the potential

noise problems through appropriate warning clauses. Noise levels above 60 dBA are generally not acceptable.

### Transportation Noise – Indoor Living Spaces

Indoor noise levels due to road traffic were examined with respect to the MECP Guidelines. Bedrooms are required to meet an indoor Leq-8hr of 40 dBA from road traffic. The indoor equivalent noise level (Leq-16hr) due to road traffic should not exceed 45 dBA for living or dining rooms. Lounges, lobbies, retail or general office spaces should meet the indoor noise level of 50 dBA from road traffic. In order to achieve these levels, the MECP Guidelines provide a basis for the types of windows, exterior walls, and doors that will be required based on projected outdoor noise levels.

The MECP also requires that a central air conditioning system be installed for dwellings when the daytime or nighttime outdoor transportation noise levels at the façade of the dwelling are above 65 dBA or 60 dBA, respectively. The provision for the future installation of central air conditioning must be made if:

- the nighttime sound level is greater than 50 dBA and less than or equal to 60 dBA on the outside face of a bedroom window;
- the daytime sound level is greater than 55 dBA and less than or equal to 65 dBA on the outside face of a bedroom window; or
- the daytime sound level is greater than 55 dBA and less than or equal to 65 dBA on the outside face of a living/dining room window.

This provision involves a ducted heating system sized to accommodate the addition of central air conditioning by the occupant.

The required limits as per the NPC-300 noise guidelines are summarized in **Table 1** below.

**Table 1: Indoor Noise Limits Due to Road Traffic**

Type of Space	Time Period	Minimum LEQ (dBA) Road Traffic
Living/dining, den areas of residences, hospitals, nursing homes, schools, day-care centres (Indoor)	07:00 – 23:00	45 dBA
Living/dining, den areas of residences, hospitals, nursing homes (Indoor)	23:00 – 07:00	45 dBA
Sleeping quarters (Indoor)	07:00 – 23:00	45 dBA
	23:00 – 07:00	40 dBA
Outdoor Living Areas (OLA)	07:00 – 23:00	55 dBA

### Stationary Noise Sources

The noise level limits pertaining to stationary noise sources have been established based on the MECP publication NPC-300. For sound from a stationary source, the sound level limit at a point of reception, expressed in terms of the one-hour equivalent sound level (Leq-1hr), is the higher of the applicable exclusion limit value given in **Table 2**, or the background sound level for that

point of reception.

**Table 1: Noise Exclusion Limits – Stationary Noise Sources – Classes 1, 2, 3, and 4**

Time of Day	Sound Level Exclusion Limit* Class 1 Area	Sound Level Exclusion Limit* Class 2 Area	Sound Level Exclusion Limit* Class 3 Area	Sound Level Exclusion Limit* Class 4 Area
Outdoor Points of Reception				
<b>Day (07:00 to 19:00)</b>	50 dBA	50 dBA	45 dBA	55 dBA
<b>Evening (19:00 to 23:00)</b>	50 dBA	45 dBA	40 dBA	55 dBA
Plane of Window of Noise Sensitive Spaces				
<b>Day (07:00 to 19:00)</b>	50 dBA	50 dBA	45 dBA	60 dBA
<b>Evening (19:00 to 23:00)</b>	50 dBA	50 dBA	40 dBA	60 dBA
<b>Night (23:00 to 07:00)</b>	45 dBA	45 dBA	40 dBA	55 dBA

\*or the minimum existing hourly background sound level  $L_{eq}$ , whichever is higher

The outdoor sound level limits for stationary sources apply only to daytime and evening hours while sound level limits apply during the nighttime period for the plane of the window of a noise sensitive space. In general, the outdoor points of reception will be protected during the nighttime because of meeting the sound level limits at the adjacent plane of window of noise sensitive spaces.

Note that for Class 1, 2, and 3 areas, the plane of window limits apply to a window that is assumed to be open. For Class 4 areas, the plane of window limits apply to a window which is assumed to be closed. This distinction does not affect the prediction of plane of window sound levels.

The above listed sound level limits for an outdoor point of reception define the point of reception as any area in the development that is amenable for use. The sound level limit is also valid for a point of reception location at the centre of the plane of a window. In the night-time period, the criterion is defined at the plane of a bedroom window.

The MECP recognizes the need for back-up beepers and alarms as safety devices and, as such, does not have any guidelines or criteria to address these sources. It should be noted that the MECP guidelines do not require that a noise source be inaudible but rather that specific sound level limits be achieved.

### Vibration Limits

It is generally accepted that human perception of vibration at 30 Hz begins at an amplitude of 0.1 mm/s. However, due to the varying sensitivities of people, it is difficult to predict the level at which a person will be disturbed by building vibration. For continuous vibration, ISO 2631-2 specifies satisfactory magnitudes for daytime building vibration below which the probability of reaction is low as a range from 0.2-0.4 mm/s for vibration frequencies in the range of 30 Hz.

## 2.0 NOISE LEVEL PREDICTION PROCEDURES

### 2.1 Road Traffic Noise Calculations Procedure

The dominant road traffic sources in the proposed development include Highway 62 (North Front Street) located to the east of the site and Millennium Parkway located to the south of the site. Highway 401 to the south of the site was considered acoustically insignificant due to the separation distance of over 500 m. Road traffic volumes for Cloverleaf Drive and Maitland Drive were low and considered acoustically insignificant.

Although the nearby highway traffic could dominate the nighttime sound environment, the proposed site was considered an MECP Class 2 area for conservatism. Noise level calculations were performed in accordance with the MECP Guidelines and by the Guidelines of the Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT). Sample copies of the traffic noise predictions from MECP's Road and Rail Traffic Noise Prediction Model STAMSON (Version 5.04) are included in **Appendix A**.

The equivalent sound levels (Leq) due to road traffic were calculated at worst case noise sensitive receptors in the proposed development. Calculations were performed for both daytime and nighttime conditions at receiver heights representing the worst-case residential storey. The worst-case noise sensitive receptor is considered to be the unit immediately north of the SWM Facility Block, as it is directly exposed to the traffic noise from Highway 62.

### 2.2 Road Traffic Data

Road traffic noise predictions were based on the road traffic data outlined in **Table 3**. The road traffic volume counts for Maitland Drive were obtained from the City of Belleville and road traffic data for Highway 62 was provided by the Ministry of Transportation (MTO). The ultimate time frame was estimated using a growth rate of 1.3% per year based on information provided by the MTO. The estimates consider a time frame of ten years. Copies of the correspondence and received data are included in **Appendix A**.

**Table 2: Road Traffic Volumes**

	North Front Street (Highway 62)	Maitland Drive**
AADT/24hr Volumes	15,949 (2010)	4150 (2018)
No. of Lanes	4	2
Day/Night Split (%)	92/8	n/a**
Percentage of Trucks (%)	5*	n/a**
Heavy/Medium Ratio (%)	50/50*	n/a**
Grade (%)	<2 %*	n/a**
Posted Speed (km/hr)	60	n/a**

\* Assumed value

\*\* Maitland Drive is not a significant source

## 2.3 Stationary Noise Sources

### Lowe's Retail Store

The rooftop HVAC units at the Lowe's Home Improvement store, as well as the truck deliveries and forklifts, are considered stationary noise sources. The noise from the mechanical equipment was modelled based on site measurements taken by Aercoustics personnel in 2018, locations from Google maps, equipment manufacturer sound data, and assumptions as required. The noise from the trucks and forklifts were modelled based on Lowe's employee knowledge of trucking operations, measurements taken by the Aercoustics personnel, and assumptions as required.

### CBM-Canada Ready-Mix Concrete Plant

The equipment associated with the operation of the plant is considered stationary noise source(s). This facility has a Certificate of Approval issued by MECP. The document indicates that the plant's operation is limited to between 7am and 7pm.

### Coco Paving Asphalt Plant

The equipment associated with the operation of the plant is considered stationary noise source(s). The noise emissions of the equipment operating at Coco Paving were measured by Aercoustics personnel on May 19, 2020 and the results of the measurements have been incorporated into the noise model. This facility has an ECA issued by MECP. Detailed information such as truck volumes on the site and duration of operations was obtained from Coco Paving's personnel and is summarized below.

The following activities take place at Coco Paving during the worst-case scenario hour:

- The plant capacity is 10 asphalt trucks filled per hour.
- The maximum truck traffic at the site is 10 trucks per hour
- It takes about 2 minutes to load an asphalt truck
- Asphalt screen, hopper and hot elevator operating continuously for 60 minutes
- Asphalt burner and blower operating continuously for 60 minutes
- Hours of operation are from 7am to 5pm, with a possibility of continuing operation past 5pm if the plant gets busy. This was based on information obtained from the operation staff of Coco paving during the site visit.

It should be noted that further to the limits set by the MECP, the City of Belleville noise by-law (By-Law 2011-180) restricts audible noise from loading activities, which are prohibited during nighttime hours (23:00 to 7:00 daily, 0:00 to 10:00 and 14:00 to 0:00 on Sundays and holidays).

## 2.4 Vibration

No sources of vibration were identified on site which would be considered significant from a health and safety or a nuisance perspective.

### 3.0 TRANSPORTATION NOISE PREDICTIONS

**Table 4** lists the daytime and nighttime unmitigated sound levels due to the road traffic in the area. The results are predicted at the critical noise sensitive location (i.e. residential unit to the immediate north of the SWM Facility; **Figure 1**). Sample calculations are provided in **Appendix A**.

**Table 3: Calculated Unmitigated Noise Levels Due to Road Traffic**

Calculation Location (Error! Reference source not found.)	Receptor Height (m)	Description	Source	Distance (m)	Leq (dBA)	
					Day	Night
A	1.5 m	Outdoor Living Area nearest to Hwy 62	Highway 62	102	54	-
A	1.5m/4.5 m	Façade nearest to Hwy 62	Highway 62	105	54	47

The noise levels listed in the table above were used to determine the window glazing as well as exterior wall requirements for each designated point of reception. These requirements were based on assumed ratios of window and wall surface area to the floor area.

### 4.0 TRANSPORTATION NOISE CONTROL RECOMMENDATIONS

#### Transportation Noise – Outdoor Living Spaces

Outdoor sound levels were examined with respect to MECP Guidelines as summarized in Section 1.2 of this report. The Outdoor Living Areas (OLAs) nearest to Highway 62, specifically the backyards of the future residences with direct line of sight to the highway, were considered to determine if noise mitigation and controls are required. Based on the sound level predictions, all proposed OLAs are predicted to have a sound level from road traffic noise of less than 55 dBA, therefore no mitigation controls or Warning Clauses are required to address the OLAs as per MECP guidelines.

#### Transportation Noise – Indoor Living Spaces

Indoor sound levels were examined with respect to MECP Guidelines as summarized in Section 1.2 of this report. Based on the sound level predictions, no ventilation requirements are required. The results of this study indicate the proposed dwellings are predicted to be in compliance with the MECP criteria for indoor sound levels given construction meeting the Ontario Building Code (OBC).



## 5.0 STATIONARY NOISE CONTROL PREDICTIONS

The stationary noise source prediction model was generated using Datakustik’s CadnaA Noise Prediction Software. This model is based on established noise prediction methods outlined in the ISO 9613-2 standard “Acoustic – Attenuation of sound during propagation outdoors – Part 2: General method and calculation”. Noise levels were predicted using conditions of downwind propagation, generally with hard ground in paved areas.

### Lowe’s Home Improvement Store

Significant acoustic screening already exists at some of the Lowe’s store’s major noise sources. Three of the rooftop condenser units have noise walls on the north and west sides to block noise from the existing residences on Gavey Street. The roof of the Lowe’s store has a 1.2-meter-high perimeter wall which further shields the residential homes of Gavey Street and will partially shield the residences in the proposed subdivision development. There also exists a fence which appears to be a purpose-built acoustic barrier and retaining wall combination along the north-west corner of the Lowe’s store lot which has been included in the model. The existing screening must remain in place or the results of this study shall be revised by a qualified acoustical consultant.

Grading information for the existing Lowe’s store has been sourced from the Deerfield Phase 7 project located to the west of the Lowe’s site. The topography was also confirmed by Aercoustics personnel during the site visit conducted for Deerfield Phase 7 noise study. **Table 4** shows the results of the unmitigated maximum noise predictions at receptors R01-R05 due to the stationary noise sources located with Lowe’s property. Sound power information is included in **Appendix B**. Sample calculations are included in **Appendix C**. Receptor ID locations are shown on **Figure 2**.

**Table 4: Predicted Sound Levels Due to Lowe's Store Activities**

Receptor ID	Time Period	Leq at Point of Reception (dBA)	Applicable Sound Level Limit (dBA)	Sound Level Satisfied (YES/NO)	Sound Level with Mitigation Proposed
R01W	Daytime	50	50	YES	45
	Evening	50	50	YES	44
	Nighttime	49	45	NO	42
R02W	Daytime	55	50	NO	49
	Evening	54	50	NO	47
	Nighttime	53	45	NO	45
R03W	Daytime	55	50	NO	49
	Evening	54	50	NO	47
	Nighttime	52	45	NO	45

<b>R04W</b>	Daytime	50	50	YES	48
	Evening	49	50	YES	46
	Nighttime	47	45	NO	44
<b>R05W</b>	Daytime	49	50	YES	46
	Evening	47	50	YES	44
	Nighttime	45	45	YES	42
<b>R01G</b>	Daytime	45	50	YES	42
	Evening	44	45	YES	40
<b>R02G</b>	Daytime	52	50	NO	45
	Evening	51	45	NO	43
<b>R03G</b>	Daytime	48	50	YES	45
	Evening	46	45	NO	44
<b>R04G</b>	Daytime	49	50	YES	46
	Evening	47	45	NO	44
<b>R05G</b>	Daytime	46	50	YES	44
	Evening	45	45	YES	42

W - Denotes plane of 2<sup>nd</sup> storey window

G – Represents ground level outdoor receptor

\* Proposed noise mitigation discussed in Section 6

### CBM-Canada Ready-Mix Plant

The cement plant is located approximately 250m east of the Morton property, with vacant treed lands and Highway 62 between the property and the plant. **Table 5** shows the results of the unmitigated as well as mitigated worst-case noise predictions at receptors R01, R02, and R06 due to the stationary noise sources located within CBM Plant. Sound power information is included in **Appendix B**. Sample calculations are included in **Appendix C**.

**Table 5: Predicted Sound Levels Due to CBM Ready-Mix Plant Activities**

Receptor ID	Time Period	Leq at Point of Reception (dBA)	Applicable Sound Level Limit (dBA)	Sound Level Satisfied (YES/NO)	Sound Level with Mitigation Proposed
<b>R01W</b>	Daytime	59	50	NO	49
<b>R02W</b>	Daytime	58	50	NO	49
<b>R06W</b>	Daytime	57	50	NO	47
<b>R01G</b>	Daytime	58	50	NO	46
<b>R02G</b>	Daytime	57	50	NO	47
<b>R06G</b>	Daytime	56	50	NO	44

W - Denotes plane of 2<sup>nd</sup> storey window

G – Represents ground level outdoor receptor

\* Proposed noise mitigation discussed in Section 6

\*\* Plant operates during daytime only, 7am - 7pm

## Coco Paving - Asphalt Plant

The cement plant is located approximately 450m southeast of the Morton property, with vacant treed lands and Highway 62 between the property and the plant.

**Table 6** shows the results of the unmitigated as well as mitigated worst-case noise predictions at receptors R01, R02, R03, and R06 due to the stationary noise sources located within the Coco Paving Plant. Sound power information is included in **Appendix B**. Sample calculations are included in **Appendix C**.

**Table 6: Predicted Sound Levels Due to Coco Paving Asphalt Plant Activities**

Receptor ID	Time Period	Leq at Point of Reception (dBA)	Applicable Sound Level Limit (dBA)	Sound Level Satisfied (YES/NO)	Sound Level with Mitigation Proposed
R01W	Daytime	53	50	NO	49
R02W	Daytime	53	50	NO	49
R03W	Daytime	52	50	NO	48
R06W	Daytime	51	50	NO	49
R01G	Daytime	52	50	NO	48
R02G	Daytime	53	50	NO	49
R03G	Daytime	47	50	YES	44
R06G	Daytime	50	50	YES	46

W - Denotes plane of 2<sup>nd</sup> storey window

G – Represents ground level outdoor receptor

\* Proposed noise mitigation discussed in Section 6

\*\* Coco Paving plant operates during daytime only, 7am - 5pm

## 6.0 STATIONARY NOISE CONTROL RECOMMENDATIONS

### Lowe's Home Improvement Store

Based on the noise level predictions, noise control measures are required to address the worst-case noise sensitive receptor locations of the proposed residential development. The following will be required to address the noise generated from the Lowe's Home Improvement Store. The measures proposed will be in addition to the existing noise controls installed on the Lowe's store roof and north boundary of the property.

- Installation of a 3m high acoustic barrier the north property line of Lowe's; the barrier should extend from the end of the existing fence to the east property line of the development. In addition, two rows of rooftop HVAC units located nearest to the proposed development should be shielded with 1.2m high acoustic barriers as shown in **Figure 2**.

## CBM-Canada Ready-Mix Plant and Coco Paving – Asphalt Plant

Based on the noise level predictions, noise control measures are required to address the worst-case noise sensitive receptor locations of the proposed residential development. The following will be required to address the noise generated from the CBM-Canada Ready-Mix Plant and Coco Paving – Asphalt Plant.

- Installation of a 1.8m to 3m high acoustic barrier along the eastern property line of the subject lands as shown in **Figure 2**.

## 7.0 CONCLUSIONS

With the implementation of the above noise mitigation options, the MECP sound level limits are predicted to be met at the surrounding receptors. It is expected that all dwellings will be constructed with central air conditioning systems.

Warning Clauses are recommended for all units in the proposed development as they're located in the vicinity of the existing commercial and industrial land uses. This is to advise residents that noise generated from the activities at Lowe's, CBM-Canada Ready-Mix and / or Coco Paving may at all times be audible. The following sample wording and notes shall be used:

### **Warning Clause 1:**

*"Purchasers / tenants are advised that due to the proximity of adjacent Lowe's Commercial Development as well as CBM-Canada Ready-Mix Plant and / or Coco Paving Facility, noise from operations and activities may at times be audible."*

Notes: Acoustic barriers shall be erected where required and discussed in Section 6 of this report. The barrier(s) shall be continuous with no openings through or beneath it, and it shall be of durable material, with a mass of 20 kg per square meter or more. Any gaps under the noise barrier that are necessary for drainage purposes must be minimized and localized and must not deteriorate the acoustical performance.

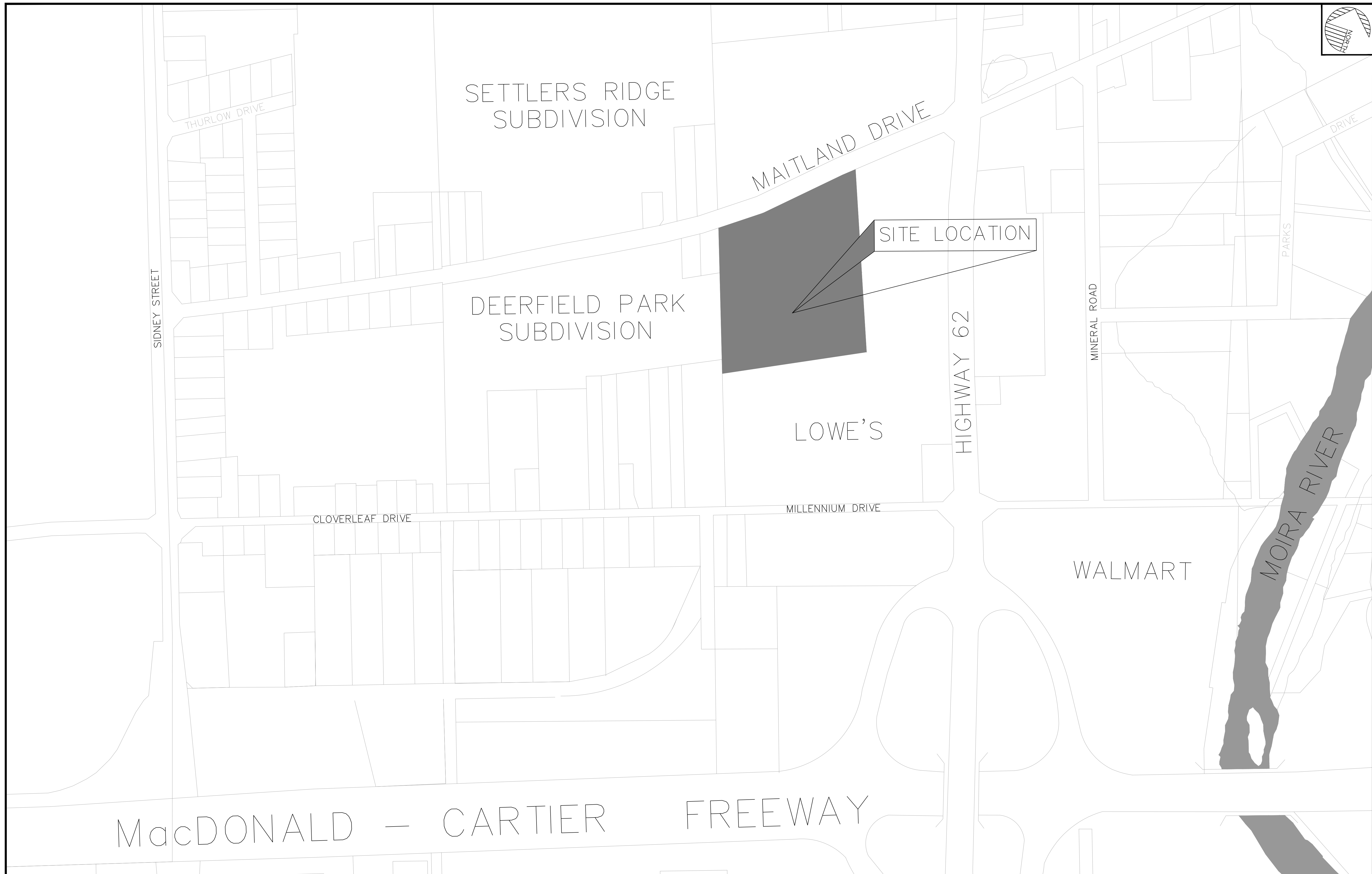
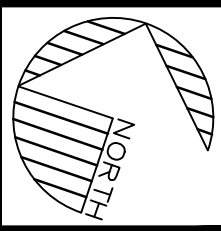
We trust that the above meets your guidelines and ask that you contact the undersigned, should you have any queries.

Sincerely,

**AINLEY GRAHAM & ASSOCIATES LIMITED**

Adam Wilson, P. Eng.  
Senior Engineer

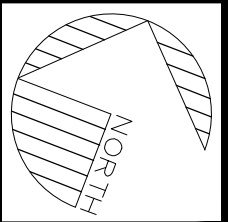




174 MAITLAND DRIVE  
CITY OF BELLEVILLE

FIGURE 1  
KEY MAP



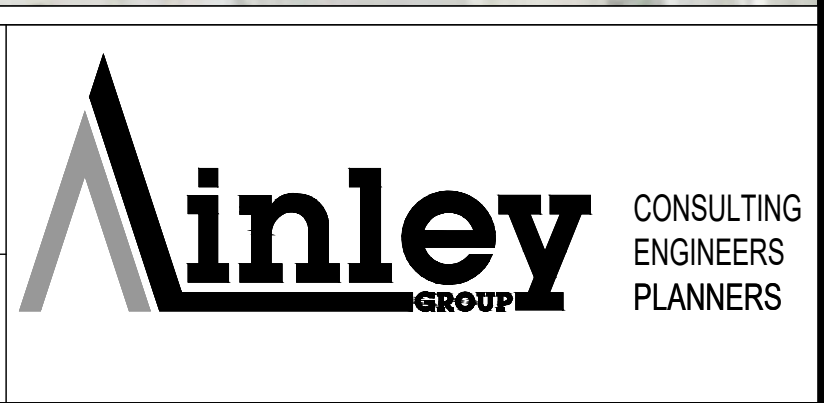


	ROOF TOP UNIT		TEST LOCATION
	EXISTING 1.2m HIGH ACOUSTIC BARRIER		1.8m HIGH ACOUSTIC FENCE
	PROPOSED 1.2m HIGH ACOUSTIC BARRIER		3m HIGH ACOUSTIC FENCE

174 MAITLAND DRIVE  
CITY OF BELLEVILLE

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NOISE MITIGATION MEASURES



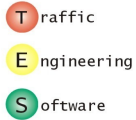
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**Appendix A**  
Road Traffic Data and Sample Calculations

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# Weekly Volume Summary

Mon, Jul 04, 2011

**Location:** Hwy 62 - 0.9 km North of Hwy 401 IC

**LHRS/Offset:** 33690 / 0.0

**Region:** Eastern

**Pattern Type:** Urban Commuter

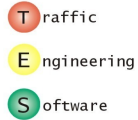
**PCS#:** 34

**Hwy. TVIS#:** 62065

**Count Direction:** NB

**Report Dates:** Oct 12, 2010 to Oct 18, 2010

Hour Interval	Tue 10/10/12	Wed 13	Thu 14	Fri 15	Sat 16	Sun 17	Mon 18	Tue 19
0:00- 1:00		35	39	47	74	76	22	52
1:00- 2:00		15	23	28	37	50	15	21
2:00- 3:00		20	23	33	35	35	10	27
3:00- 4:00		20	21	23	22	13	14	32
4:00- 5:00		24	19	30	19	8	28	36
5:00- 6:00		61	54	74	38	23	63	78
6:00- 7:00		195	185	170	105	42	176	191
7:00- 8:00		316	331	336	220	85	333	339
8:00- 9:00		345	346	345	275	161	375	389
9:00-10:00		357	398	410	412	219	383	390
10:00-11:00		433	455	450	482	326	398	411
11:00-12:00		453	458	571	564	425	489	471
AM Total	0	2,274	2,352	2,517	2,283	1,463	2,306	2,437
12:00-13:00	511	529	569	610	567	535	545	
13:00-14:00	538	513	528	601	525	508	508	
14:00-15:00	601	584	576	697	553	488	588	
15:00-16:00	643	668	680	806	564	488	699	
16:00-17:00	818	801	797	822	516	465	804	
17:00-18:00	730	698	731	698	451	395	696	
18:00-19:00	502	531	496	506	435	301	457	
19:00-20:00	415	356	402	439	331	250	410	
20:00-21:00	275	255	294	349	246	181	248	
21:00-22:00	281	269	255	372	281	158	267	
22:00-23:00	166	145	147	214	193	78	162	
23:00-24:00	85	91	96	152	138	62	103	
PM Total	5,565	5,440	5,571	6,266	4,800	3,909	5,487	0
24 Hr. Total	5,565	7,714	7,923	8,783	7,083	5,372	7,793	2,437
Noon - Noon	7,839	7,792	8,088	8,549	6,263	6,215	7,924	



# Weekly Volume Summary

Mon, Jul 04, 2011

**Location:** Hwy 62 - 0.9 km North of Hwy 401 IC

**LHRS/Offset:** 33690 / 0.0

**Region:** Eastern

**Pattern Type:** Urban Commuter

**PCS#:** 34

**Hwy. TVIS#:** 62065

**Count Direction:** SB

**Report Dates:** Oct 12, 2010 to Oct 18, 2010

Hour Interval	Tue 10/10/12	Wed 13	Thu 14	Fri 15	Sat 16	Sun 17	Mon 18	Tue 19
0:00- 1:00		48	33	34	55	70	41	33
1:00- 2:00		17	23	14	23	27	20	12
2:00- 3:00		16	19	12	21	16	24	20
3:00- 4:00		32	35	26	15	14	40	26
4:00- 5:00		84	77	63	23	16	88	80
5:00- 6:00		244	255	225	100	57	247	237
6:00- 7:00		427	426	417	193	94	418	436
7:00- 8:00		718	721	726	306	147	691	718
8:00- 9:00		706	721	727	479	234	700	743
9:00-10:00		624	692	767	606	452	636	656
10:00-11:00		586	643	702	739	511	600	612
11:00-12:00		601	678	726	727	595	576	599
AM Total	0	4,103	4,323	4,439	3,287	2,233	4,081	4,172
12:00-13:00	663	577	598	683	702	609	630	
13:00-14:00	619	581	610	645	652	660	535	
14:00-15:00	602	555	584	631	635	563	549	
15:00-16:00	545	530	564	672	551	505	502	
16:00-17:00	602	627	628	655	514	446	582	
17:00-18:00	516	575	528	625	492	351	468	
18:00-19:00	443	448	446	470	398	339	403	
19:00-20:00	315	308	200	273	290	230	231	
20:00-21:00	195	209	157	220	196	181	155	
21:00-22:00	148	237	167	191	212	140	170	
22:00-23:00	88	109	87	117	136	84	80	
23:00-24:00	38	65	41	73	93	33	32	
PM Total	4,774	4,821	4,610	5,255	4,871	4,141	4,337	0
24 Hr. Total	4,774	8,924	8,933	9,694	8,158	6,374	8,418	4,172
Noon - Noon	8,877	9,144	9,049	8,542	7,104	8,222	8,509	



# Weekly Volume Summary

Mon, Jul 04, 2011

**Location:** Hwy 62 - 0.9 km North of Hwy 401 IC

**LHRS/Offset:** 33690 / 0.0

**Region:** Eastern

**Pattern Type:** Urban Commuter

**PCS#:** 34

**Hwy. TVIS#:** 62065

**Count Direction:** NB/SB

**Report Dates:** Oct 12, 2010 to Oct 18, 2010

Hour Interval	Tue 10/10/12	Wed 13	Thu 14	Fri 15	Sat 16	Sun 17	Mon 18	Tue 19
0:00- 1:00		83	72	81	129	146	63	85
1:00- 2:00		32	46	42	60	77	35	33
2:00- 3:00		36	42	45	56	51	34	47
3:00- 4:00		52	56	49	37	27	54	58
4:00- 5:00		108	96	93	42	24	116	116
5:00- 6:00		305	309	299	138	80	310	315
6:00- 7:00		622	611	587	298	136	594	627
7:00- 8:00		1,034	1,052	1,062	526	232	1,024	1,057
8:00- 9:00		1,051	1,067	1,072	754	395	1,075	1,132
9:00-10:00		981	1,090	1,177	1,018	671	1,019	1,046
10:00-11:00		1,019	1,098	1,152	1,221	837	998	1,023
11:00-12:00		1,054	1,136	1,297	1,291	1,020	1,065	1,070
AM Total	0	6,377	6,675	6,956	5,570	3,696	6,387	6,609
12:00-13:00	1,174	1,106	1,167	1,293	1,269	1,144	1,175	
13:00-14:00	1,157	1,094	1,138	1,246	1,177	1,168	1,043	
14:00-15:00	1,203	1,139	1,160	1,328	1,188	1,051	1,137	
15:00-16:00	1,188	1,198	1,244	1,478	1,115	993	1,201	
16:00-17:00	1,420	1,428	1,425	1,477	1,030	911	1,386	
17:00-18:00	1,246	1,273	1,259	1,323	943	746	1,164	
18:00-19:00	945	979	942	976	833	640	860	
19:00-20:00	730	664	602	712	621	480	641	
20:00-21:00	470	464	451	569	442	362	403	
21:00-22:00	429	506	422	563	493	298	437	
22:00-23:00	254	254	234	331	329	162	242	
23:00-24:00	123	156	137	225	231	95	135	
PM Total	10,339	10,261	10,181	11,521	9,671	8,050	9,824	0
24 Hr. Total	10,339	16,638	16,856	18,477	15,241	11,746	16,211	6,609
Noon - Noon	16,716	16,936	17,137	17,091	13,367	14,437	16,433	
ADT	16,017	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
		16,806	15,949	15,080	16,906	17,644	14,992	1,627

LHRS	O/S	Year	Hwy#	Hwy Type	Location Description	Sta #	DHV %	AADT	% Trucks
33690	0	2010	62	KING	HWY 401-M/C FRWY IC	65	10.2	14900	5.0
33690	0	2011	62	KING	HWY 401-M/C FRWY IC	65	8.7	15100	5.0
33690	0	2012	62	KING	HWY 401-M/C FRWY IC	65	8.7	15200	5.0
33690	0	2013	62	KING	HWY 401-M/C FRWY IC	65	8.7	15400	5.0
33690	0	2014	62	KING	HWY 401-M/C FRWY IC	65	8.7	15500	5.0
33690	0	2015	62	KING	HWY 401-M/C FRWY IC	65	8.7	15700	5.0
33690	0	2016	62	KING	HWY 401-M/C FRWY IC	65	8.7	15800	5.0

STAMSON 5.0  
20:07:24

NORMAL REPORT

Date: 06-04-2020

MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: 20068A.te

Time Period: Day/Night 16/8 hours

Description:

Road data, segment # 1: hwy 62open (day/night)

-----  
Car traffic volume : 18048/1569 veh/TimePeriod \*  
Medium truck volume : 475/41 veh/TimePeriod \*  
Heavy truck volume : 475/41 veh/TimePeriod \*  
Posted speed limit : 60 km/h  
Road gradient : 0 %  
Road pavement : 1 (Typical asphalt or concrete)

\* Refers to calculated road volumes based on the following input:

24 hr Traffic Volume (AADT or SADT): 15949  
Percentage of Annual Growth : 1.30  
Number of Years of Growth : 20.00  
Medium Truck % of Total Volume : 2.50  
Heavy Truck % of Total Volume : 2.50  
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: hwy 62open (day/night)

-----  
Angle1 Angle2 : -90.00 deg 90.00 deg  
Wood depth : 0 (No woods.)  
No of house rows : 0 / 0  
Surface : 1 (Absorptive ground surface)  
Receiver source distance : 105.00 / 105.00 m  
Receiver height : 1.50 / 4.50 m  
Topography : 1 (Flat/gentle slope; no barrier)  
Reference angle : 0.00

Results segment # 1: hwy 62open (day)

-----  
Source height = 1.26 m

ROAD (0.00 + 53.59 + 0.00) = 53.59 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj
--------	--------	-------	--------	-------	-------	-------	-------	-------

B.Adj	SubLeq
-------	--------

-----  
-----  
-90      90      0.66    69.07      0.00    -14.03    -1.46      0.00      0.00  
0.00    53.59  
-----  
-----

Segment Leq : 53.59 dBA

Total Leq All Segments: 53.59 dBA

Results segment # 1: hwy 62open (night)

-----  
Source height = 1.26 m

ROAD (0.00 + 46.81 + 0.00) = 46.81 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj
--------	--------	-------	--------	-------	-------	-------	-------	-------

B.Adj	SubLeq
-------	--------

-----  
-----  
-90 90 0.58 61.46 0.00 -13.33 -1.32 0.00 0.00  
0.00 46.81  
-----  
-----

Segment Leq : 46.81 dBA

Total Leq All Segments: 46.81 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 53.59  
(NIGHT): 46.81

DRAFT



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**Appendix B**  
Sound Power Data

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Sound Levels (local)

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Name	ID	Type	Weight.	Oktave Spectrum (dB)															
				31.5	63	125	250	500	1000	2000	4000	8000	A	lin					
Forklift Passby	ForkliftPassby	Lw (c)	82.0	93.0	93.0	91.0	88.0	85.0	82.0	77.0	68.0	90.5	98.2						
Forklift dumping garbage into compactor	ForkliftUpDown	Lw (c)	97.5	103.5	98.5	96.5	95.5	95.5	93.5	93.5	86.5	100.9	107.1						
Garbage Compactor	GarbageCompactor	Lw (c)	83.5	82.5	80.5	92.5	94.5	89.5	76.5	74.5	67.5	94.2	97.9						
HAVC RTU Large	LargeRTU	Lw (c)	86.0	96.0	89.0	85.0	86.0	83.0	79.0	73.0	65.0	87.8	97.9						
HAVC RTU Small	SmallRTU	Lw (c)	82.0	86.0	85.0	82.0	79.0	76.0	71.0	66.0	59.0	81.2	90.7						
HAVC RTU Large	MediumRTU	Lw (c)	80.0	90.0	84.0	80.0	80.0	77.0	73.0	70.0	66.0	82.1	92.1						
Overhead Door Opening	OverheadDoor	Lw (c)	86.0	86.0	78.0	75.0	75.0	75.0	71.0	70.0	72.0	79.7	89.9						
Generator	Generator	Lw (c)	108.2	108.2	112.2	112.2	111.2	111.2	110.2	104.2	97.2	116.0	119.3						
Unloading of the Moffat (delivery truck forklift)	Moffat	Lw (c)	91.5	92.5	84.5	80.5	80.5	95.5	81.5	77.5	67.5	95.9	98.7						
Refrigeration Truck Idling at loading day	ReeferTruckIdle	Lw	107.5	99.5	99.7	91.4	90.7	94.0	91.9	87.8	78.0	98.0	109.1						
Regular Truck Passby and Idling	RegTruck_Passby	Lw	0.0	97.0	101.0	100.0	97.0	93.0	90.0	83.0	76.0	98.9	105.5						
Refrigeration Truck Idling at loading day	ReeferTruckIdle	Lw	107.5	99.5	99.7	91.4	90.7	94.0	91.9	87.8	78.0	98.0	109.1						
Concrete Truck - Loading or Slumping at 2000rpm	Concrete_Truck	Lw	96.0	98.0	107.0	103.0	106.0	106.0	105.0	101.0	94.0	110.9	113.2						
Cat972G	Front_End_Loader	Lw	104.0	117.0	105.0	98.0	96.0	96.0	93.0	87.0	81.0	100.8	117.6						
Truck Idling	Truck_low_Idle	Lw (c)	94.2	97.2	101.2	100.2	97.2	93.2	90.2	83.2	76.2	99.1	106.1						
Highway Truck (25kph)	Moving_Truck	Lw	105.0	106.0	100.0	98.0	100.0	100.0	96.0	88.0	78.0	103.4	110.5						
Onsiteblower	onsiteblower	Lw	87.0	91.0	106.0	94.0	96.0	93.0	85.0	80.0	71.0	97.6	107.0						
Truck with Blower	Truck_blower	Lw	104.4	109.7	112.3	113.4	113.7	111.7	109.5	103.8	95.4	116.5	120.0						
Deere 824k	Burlington_Loader	Lw (c)	98.7	97.0	100.4	98.3	96.7	95.2	90.5	82.3	79.9	99.3	105.9						
Coco Paving Burner and Blower	Coco_Burner_Blower	Lw (c)	116.5	112.5	106.5	104.5	106.5	107.5	109.5	103.5	98.5	113.7	119.6						
Coco Loader	Coco_Loader	Lw (c)	102.6	106.6	105.6	102.6	103.6	100.6	94.6	90.6	87.6	105.0	111.9						
Coco Truck Loading	Coco_Truck_loading	Lw (c)	106.5	105.5	100.5	97.5	98.5	97.5	95.5	89.5	80.5	102.1	110.6						
Coco Stack and Hopper Combined	Coco_Stack_Hopper	Lw (c)	118.5	114.5	111.5	106.5	107.5	103.5	101.5	96.5	89.5	109.3	121.1						

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**Appendix C**

Noise Prediction Methodology and Sample Calculations

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## Noise Prediction Methodology

The relevant noise sources were identified and a one-hour  $L_{EQ}$  was defined for each of them.

Noise levels for the work cycles were taken as continuous throughout the design hour, unless indicated otherwise.

Worst-case scenarios were defined on the basis of maximum noise impact at each of the representative points of reception. Propagation paths were defined in terms of topography, distances and elevations. Noise levels were predicted using the methodology of the International Standard ISO/DIS 9613-2 *Acoustics - Attenuation of Sound During Propagation Outdoors*.

Standard point-source distance attenuation was applied to all noise sources. Barrier attenuation was calculated using standard diffraction theory. Single barrier attenuation was limited to 20 dB while double barrier attenuation was limited to 25 dB. Attenuation from air absorption and ground effect was included in the predictions. Noise levels were predicted under conditions of downwind propagation with a mild temperature inversion. It is under these conditions that the noise impact will typically be at a maximum.

Predictions of noise impact at the sensitive points of reception are included to illustrate the methodology.

Receiver  
 Name: R01W  
 ID: R01W  
 X: 1427.88 m  
 Y: 687.51 m  
 Z: 108.19 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
1	1454.50	605.98	100.68	0	DEN	A	98.0	0.0	0.0	0.0	0.0	49.7	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	48.5

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
11	1421.81	606.70	100.28	0	D	A	100.9	0.0	-13.0	0.0	0.0	49.2	1.0	0.5	0.0	0.0	6.7	0.0	0.0	0.0	30.5
11	1421.81	606.70	100.28	0	N	A	100.9	0.0	-13.0	0.0	0.0	49.2	1.0	0.5	0.0	0.0	6.7	0.0	0.0	0.0	30.5
11	1421.81	606.70	100.28	0	E	A	100.9	0.0	-13.0	0.0	0.0	49.2	1.0	0.5	0.0	0.0	6.7	0.0	0.0	0.0	30.5

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
45	1422.86	603.76	100.38	0	D	A	94.2	0.0	-7.8	0.0	0.0	49.5	0.3	1.9	0.0	0.0	3.0	0.0	0.0	0.0	31.6
45	1422.86	603.76	100.38	0	N	A	94.2	0.0	-7.8	0.0	0.0	49.5	0.3	1.9	0.0	0.0	3.0	0.0	0.0	0.0	31.6
45	1422.86	603.76	100.38	0	E	A	94.2	0.0	-7.8	0.0	0.0	49.5	0.3	1.9	0.0	0.0	3.0	0.0	0.0	0.0	31.6

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
73	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	50.5	0.5	-0.7	0.0	0.0	5.5	0.0	0.0	0.0	32.1
73	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	50.5	0.5	-0.7	0.0	0.0	5.5	0.0	0.0	0.0	29.0
73	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	50.5	0.5	-0.7	0.0	0.0	5.5	0.0	0.0	0.0	30.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
75	1417.81	584.65	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	51.3	0.5	-0.8	0.0	0.0	5.6	0.0	0.0	0.0	31.2
75	1417.81	584.65	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	51.3	0.5	-0.8	0.0	0.0	5.6	0.0	0.0	0.0	28.2
75	1417.81	584.65	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	51.3	0.5	-0.8	0.0	0.0	5.6	0.0	0.0	0.0	30.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
81	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	51.5	0.5	-1.1	0.0	0.0	5.8	0.0	0.0	0.0	30.9
81	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	51.5	0.5	-1.1	0.0	0.0	5.8	0.0	0.0	0.0	27.9
81	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	51.5	0.5	-1.1	0.0	0.0	5.8	0.0	0.0	0.0	29.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
96	1381.27	572.67	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	52.9	0.6	-0.8	0.0	0.0	5.5	0.0	0.0	0.0	29.6
96	1381.27	572.67	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	52.9	0.6	-0.8	0.0	0.0	5.5	0.0	0.0	0.0	26.5
96	1381.27	572.67	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	52.9	0.6	-0.8	0.0	0.0	5.5	0.0	0.0	0.0	28.3

Point Source, ISO 9613, Name: "DeliveryTruckIdle", ID: "S29"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
104	1280.64	555.78	100.18	0	D	A	98.9	0.0	-1.8	0.0	0.0	56.9	0.8	0.6	0.0	0.0	12.1	0.0	0.0	0.0	26.7
104	1280.64	555.78	100.18	0	N	A	98.9	0.0	-188.0	0.0	0.0	56.9	0.8	0.6	0.0	0.0	12.1	0.0	0.0	0.0	-159.6
104	1280.64	555.78	100.18	0	E	A	98.9	0.0	-188.0	0.0	0.0	56.9	0.8	0.6	0.0	0.0	12.1	0.0	0.0	0.0	-159.6











Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
505	1372.24	498.96	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	56.9	0.8	-1.4	0.0	0.0	0.0	0.0	0.0	24.9
505	1372.24	498.96	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	56.9	0.8	-1.4	0.0	0.0	0.0	0.0	0.0	21.9
505	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	56.9	0.8	-1.4	0.0	0.0	0.0	0.0	0.0	23.7

DRAFT

Receiver  
 Name: R01G  
 ID: R01G  
 X: 1435.77 m  
 Y: 696.76 m  
 Z: 105.12 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4	1454.50	605.98	100.68	0	DEN	A	98.0	0.0	0.0	0.0	0.0	50.4	0.8	0.0	0.0	0.0	4.9	0.0	0.0	42.0

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
50	1421.81	606.70	100.28	0	D	A	100.9	0.0	-13.0	0.0	0.0	50.2	1.0	1.1	0.0	0.0	10.5	0.0	0.0	25.0
50	1421.81	606.70	100.28	0	N	A	100.9	0.0	-13.0	0.0	0.0	50.2	1.0	1.1	0.0	0.0	10.5	0.0	0.0	25.0
50	1421.81	606.70	100.28	0	E	A	100.9	0.0	-13.0	0.0	0.0	50.2	1.0	1.1	0.0	0.0	10.5	0.0	0.0	25.0

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
108	1422.86	603.76	100.38	0	D	A	94.2	0.0	-7.8	0.0	0.0	50.5	0.3	4.0	0.0	0.0	4.5	0.0	0.0	27.2
108	1422.86	603.76	100.38	0	N	A	94.2	0.0	-7.8	0.0	0.0	50.5	0.3	4.0	0.0	0.0	4.5	0.0	0.0	27.2
108	1422.86	603.76	100.38	0	E	A	94.2	0.0	-7.8	0.0	0.0	50.5	0.3	4.0	0.0	0.0	4.5	0.0	0.0	27.2

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
124	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	51.3	0.5	1.3	0.0	0.0	3.7	0.0	0.0	31.0
124	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	51.3	0.5	1.3	0.0	0.0	3.7	0.0	0.0	28.0
124	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	51.3	0.5	1.3	0.0	0.0	3.7	0.0	0.0	29.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
126	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	52.1	0.5	1.2	0.0	0.0	3.8	0.0	0.0	30.2
126	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	52.1	0.5	1.2	0.0	0.0	3.8	0.0	0.0	27.2
126	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	52.1	0.5	1.2	0.0	0.0	3.8	0.0	0.0	28.9

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
134	1417.81	584.65	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	52.1	0.5	1.3	0.0	0.0	3.7	0.0	0.0	30.2
134	1417.81	584.65	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	52.1	0.5	1.3	0.0	0.0	3.7	0.0	0.0	27.2
134	1417.81	584.65	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	52.1	0.5	1.3	0.0	0.0	3.7	0.0	0.0	28.9

Point Source, ISO 9613, Name: "DeliveryTruckIdle", ID: "S29"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
154	1280.64	555.78	100.18	0	D	A	98.9	0.0	-1.8	0.0	0.0	57.4	0.8	2.3	0.0	0.0	12.9	0.0	0.0	23.7
154	1280.64	555.78	100.18	0	N	A	98.9	0.0	-188.0	0.0	0.0	57.4	0.8	2.3	0.0	0.0	12.9	0.0	0.0	-162.6
154	1280.64	555.78	100.18	0	E	A	98.9	0.0	-188.0	0.0	0.0	57.4	0.8	2.3	0.0	0.0	12.9	0.0	0.0	-162.6

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
163	1381.27	572.67	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	53.6	0.6	1.4	0.0	0.0	3.5	0.0	0.0	28.6
163	1381.27	572.67	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	53.6	0.6	1.4	0.0	0.0	3.5	0.0	0.0	25.6
163	1381.27	572.67	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	53.6	0.6	1.4	0.0	0.0	3.5	0.0	0.0	27.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
193	1416.13	552.30	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.3	0.7	1.2	0.0	0.0	3.7	0.0	0.0	27.9
193	1416.13	552.30	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.3	0.7	1.2	0.0	0.0	3.7	0.0	0.0	24.9
193	1416.13	552.30	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.3	0.7	1.2	0.0	0.0	3.7	0.0	0.0	26.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S12"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
201	1356.07	563.01	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.8	0.7	1.4	0.0	0.0	3.5	0.0	0.0	27.3
201	1356.07	563.01	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.8	0.7	1.4	0.0	0.0	3.5	0.0	0.0	24.3
201	1356.07	563.01	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.8	0.7	1.4	0.0	0.0	3.5	0.0	0.0	26.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S14"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
210	1389.25	547.89	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.9	0.7	1.2	0.0	0.0	3.7	0.0	0.0	27.3
210	1389.25	547.89	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.9	0.7	1.2	0.0	0.0	3.7	0.0	0.0	24.3
210	1389.25	547.89	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.9	0.7	1.2	0.0	0.0	3.7	0.0	0.0	26.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
218	1422.86	532.56	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.3	0.7	1.1	0.0	0.0	3.8	0.0	0.0	26.8
218	1422.86	532.56	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.3	0.7	1.1	0.0	0.0	3.8	0.0	0.0	23.8
218	1422.86	532.56	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.3	0.7	1.1	0.0	0.0	3.8	0.0	0.0	25.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S11"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
229	1366.36	538.44	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.8	0.8	1.3	0.0	0.0	3.6	0.0	0.0	26.3
229	1366.36	538.44	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.8	0.8	1.3	0.0	0.0	3.6	0.0	0.0	23.3
229	1366.36	538.44	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.8	0.8	1.3	0.0	0.0	3.6	0.0	0.0	25.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
237	1332.76	555.87	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.8	0.8	1.5	0.0	0.0	4.3	0.0	0.0	25.3
237	1332.76	555.87	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.8	0.8	1.5	0.0	0.0	4.3	0.0	0.0	22.3
237	1332.76	555.87	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.8	0.8	1.5	0.0	0.0	4.3	0.0	0.0	24.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
239	1396.39	523.74	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.0	0.8	1.1	0.0	0.0	3.8	0.0	0.0	26.1
239	1396.39	523.74	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.0	0.8	1.1	0.0	0.0	3.8	0.0	0.0	23.1
239	1396.39	523.74	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.0	0.8	1.1	0.0	0.0	3.8	0.0	0.0	24.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
241	1372.87	515.76	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.6	0.8	1.0	0.0	0.0	3.9	0.0	0.0	25.4
241	1372.87	515.76	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.6	0.8	1.0	0.0	0.0	3.9	0.0	0.0	22.4
241	1372.87	515.76	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.6	0.8	1.0	0.0	0.0	3.9	0.0	0.0	24.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S10"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
250	1342.00	528.36	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.7	0.9	1.2	0.0	0.0	3.6	0.0	0.0	25.3
250	1342.00	528.36	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.7	0.9	1.2	0.0	0.0	3.6	0.0	0.0	22.3
250	1342.00	528.36	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.7	0.9	1.2	0.0	0.0	3.6	0.0	0.0	24.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
262	1307.56	548.10	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.9	0.9	1.5	0.0	0.0	3.4	0.0	0.0	25.1







Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
479	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	57.4	0.8	1.3	0.0	0.0	3.6	0.0	0.0	16.8

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Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
234	1307.56	548.10	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	53.0	0.6	-1.5	0.0	0.0	0.0	0.0	0.0	32.7
234	1307.56	548.10	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	53.0	0.6	-1.5	0.0	0.0	0.0	0.0	0.0	34.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
236	1348.72	508.62	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	53.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	35.9
236	1348.72	508.62	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	53.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	32.9
236	1348.72	508.62	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	53.5	0.6	-2.3	0.0	0.0	0.0	0.0	0.0	34.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
238	1316.38	519.75	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	53.9	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	35.3
238	1316.38	519.75	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	53.9	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	32.2
238	1316.38	519.75	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	53.9	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	34.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
272	1322.89	499.17	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.7	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	34.5
272	1322.89	499.17	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.7	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	31.5
272	1322.89	499.17	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.7	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	33.3

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
18	1541.86	474.06	98.02	0	D	500	56.8	17.2	0.0	20.0	0.0	57.5	0.4	11.5	0.0	0.0	4.6	0.0	0.0	20.1
18	1541.86	474.06	98.02	0	N	500	-46.2	17.2	0.0	20.0	0.0	57.5	0.4	11.5	0.0	0.0	4.6	0.0	0.0	-83.0
18	1541.86	474.06	98.02	0	E	500	53.8	17.2	0.0	20.0	0.0	57.5	0.4	11.5	0.0	0.0	4.6	0.0	0.0	17.0
25	1532.14	503.12	98.27	0	D	500	56.8	9.1	0.0	20.0	0.0	56.3	0.4	11.6	0.0	0.0	0.0	0.0	0.0	17.7
25	1532.14	503.12	98.27	0	N	500	-46.2	9.1	0.0	20.0	0.0	56.3	0.4	11.6	0.0	0.0	0.0	0.0	0.0	-85.3
25	1532.14	503.12	98.27	0	E	500	53.8	9.1	0.0	20.0	0.0	56.3	0.4	11.6	0.0	0.0	0.0	0.0	0.0	14.7
31	1522.89	530.82	98.50	0	D	500	56.8	17.0	0.0	20.0	0.0	55.0	0.3	11.8	0.0	0.0	5.8	0.0	0.0	20.9
31	1522.89	530.82	98.50	0	N	500	-46.2	17.0	0.0	20.0	0.0	55.0	0.3	11.8	0.0	0.0	5.8	0.0	0.0	-82.1
31	1522.89	530.82	98.50	0	E	500	53.8	17.0	0.0	20.0	0.0	55.0	0.3	11.8	0.0	0.0	5.8	0.0	0.0	17.9
32	1506.97	578.43	98.90	0	D	500	56.8	17.0	0.0	20.0	0.0	52.5	0.2	11.6	0.0	0.0	3.8	0.0	0.0	25.7
32	1506.97	578.43	98.90	0	N	500	-46.2	17.0	0.0	20.0	0.0	52.5	0.2	11.6	0.0	0.0	3.8	0.0	0.0	-77.3
32	1506.97	578.43	98.90	0	E	500	53.8	17.0	0.0	20.0	0.0	52.5	0.2	11.6	0.0	0.0	3.8	0.0	0.0	22.7
37	1498.39	604.11	99.12	0	D	500	56.8	6.0	0.0	20.0	0.0	51.1	0.2	11.2	0.0	0.0	0.0	0.0	0.0	20.2
37	1498.39	604.11	99.12	0	N	500	-46.2	6.0	0.0	20.0	0.0	51.1	0.2	11.2	0.0	0.0	0.0	0.0	0.0	-82.8
37	1498.39	604.11	99.12	0	E	500	53.8	6.0	0.0	20.0	0.0	51.1	0.2	11.2	0.0	0.0	0.0	0.0	0.0	17.2
69	1467.10	603.84	99.60	0	D	500	56.8	14.2	0.0	20.0	0.0	48.2	0.1	9.8	0.0	0.0	0.0	0.0	0.0	32.9
69	1467.10	603.84	99.60	0	N	500	-46.2	14.2	0.0	20.0	0.0	48.2	0.1	9.8	0.0	0.0	0.0	0.0	0.0	-70.1
69	1467.10	603.84	99.60	0	E	500	53.8	14.2	0.0	20.0	0.0	48.2	0.1	9.8	0.0	0.0	0.0	0.0	0.0	29.9
80	1488.10	610.77	99.25	0	D	500	56.8	12.5	0.0	20.0	0.0	50.1	0.2	10.9	0.0	0.0	0.0	0.0	0.0	28.2
80	1488.10	610.77	99.25	0	N	500	-46.2	12.5	0.0	20.0	0.0	50.1	0.2	10.9	0.0	0.0	0.0	0.0	0.0	-74.8
80	1488.10	610.77	99.25	0	E	500	53.8	12.5	0.0	20.0	0.0	50.1	0.2	10.9	0.0	0.0	0.0	0.0	0.0	25.2
88	1485.90	610.02	99.29	0	D	500	56.8	10.7	0.0	20.0	0.0	49.9	0.2	10.8	0.0	0.0	0.0	0.0	0.0	26.7
88	1485.90	610.02	99.29	0	N	500	-46.2	10.7	0.0	20.0	0.0	49.9	0.2	10.8	0.0	0.0	0.0	0.0	0.0	-76.4
88	1485.90	610.02	99.29	0	E	500	53.8	10.7	0.0	20.0	0.0	49.9	0.2	10.8	0.0	0.0	0.0	0.0	0.0	23.6
89	1467.42	603.93	99.60	0	D	500	56.8	14.3	0.0	20.0	0.0	48.2	0.1	9.9	0.0	0.0	0.0	0.0	0.0	33.0
89	1467.42	603.93	99.60	0	N	500	-46.2	14.3	0.0	20.0	0.0	48.2	0.1	9.9	0.0	0.0	0.0	0.0	0.0	-70.0
89	1467.42	603.93	99.60	0	E	500	53.8	14.3	0.0	20.0	0.0	48.2	0.1	9.9	0.0	0.0	0.0	0.0	0.0	30.0
165	1498.82	622.36	99.10	0	D	500	56.8	14.1	0.0	20.0	0.0	50.9	0.2	11.3	0.0	0.0	0.0	0.0	0.0	28.5
165	1498.82	622.36	99.10	0	N	500	-46.2	14.1	0.0	20.0	0.0	50.9	0.2	11.3	0.0	0.0	0.0	0.0	0.0	-74.5
165	1498.82	622.36	99.10	0	E	500	53.8	14.1	0.0	20.0	0.0	50.9	0.2	11.3	0.0	0.0	0.0	0.0	0.0	25.5
181	1501.97	619.42	99.07	0	D	500	56.8	14.5	0.0	20.0	0.0	51.2	0.2	11.4	0.0	0.0	0.0	0.0	0.0	28.5
181	1501.97	619.42	99.07	0	N	500	-46.2	14.5	0.0	20.0	0.0	51.2	0.2	11.4	0.0	0.0	0.0	0.0	0.0	-74.5
181	1501.97	619.42	99.07	0	E	500	53.8	14.5	0.0	20.0	0.0	51.2	0.2	11.4	0.0	0.0	0.0	0.0	0.0	25.5
285	1496.51	611.23	99.12	0	D	500	56.8	6.6	0.0	20.0	0.0	50.8	0.2	11.2	0.0	0.0	0.0	0.0	0.0	21.3
285	1496.51	611.23	99.12	0	N	500	-46.2	6.6	0.0	20.0	0.0	50.8	0.2	11.2	0.0	0.0	0.0	0.0	0.0	-81.8
285	1496.51	611.23	99.12	0	E	500	53.8	6.6	0.0	20.0	0.0	50.8	0.2	11.2	0.0	0.0	0.0	0.0	0.0	18.2

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
42	1297.31	563.11	100.23	0	D	A	66.5	14.6	0.0	0.0	0.0	52.9	0.6	-0.9	0.0	0.0	10.2	0.0	0.0	18.4
42	1297.31	563.11	100.23	0	N	A	-46.5	14.6	0.0	0.0	0.0	52.9	0.6	-0.9	0.0	0.0	10.2	0.0	0.0	-94.6
42	1297.31	563.11	100.23	0	E	A	63.5	14.6	0.0	0.0	0.0	52.9	0.6	-0.9	0.0	0.0	10.2	0.0	0.0	15.4
49	1324.75	572.98	100.23	0	D	A	66.5	14.6	0.0	0.0	0.0	50.7	0.5	-0.4	0.0	0.0	8.8	0.0	0.0	21.6
49	1324.75	572.98	100.23	0	N	A	-46.5	14.6	0.0	0.0	0.0	50.7	0.5	-0.4	0.0	0.0	8.8	0.0	0.0	-91.4
49	1324.75	572.98	100.23	0	E	A	63.5	14.6	0.0	0.0	0.0	50.7	0.5	-0.4	0.0	0.0	8.8	0.0	0.0	18.6
51	1352.19	582.85	100.23	0	D	A	66.5	14.6	0.0	0.0	0.0	47.8	0.4	0.3	0.0	0.0	8.6	0.0	0.0	24.1
51	1352.19	582.85	100.23	0	N	A	-46.5	14.6	0.0	0.0	0.0	47.8	0.4	0.3	0.0	0.0	8.6	0.0	0.0	-88.9
51	1352.19	582.85	100.23	0	E	A	63.5	14.6	0.0	0.0	0.0	47.8	0.4	0.3	0.0	0.0	8.6	0.0	0.0	21.1
59	1372.77	590.25	100.23	0	D	A	66.5	11.6	0.0	0.0	0.0	45.1	0.3	0.6	0.0	0.0	8.8	0.0	0.0	23.5
59	1372.77	590.25	100.23	0	N	A	-46.5	11.6	0.0	0.0	0.0	45.1	0.3	0.6	0.0	0.0	8.8	0.0	0.0	-89.5
59	1372.77	590.25	100.23	0	E	A	63.5	11.6	0.0	0.0	0.0	45.1	0.3	0.6	0.0	0.0	8.8	0.0	0.0	20.5
60	1386.50	595.18	100.24	0	D	A	66.5	11.6	0.0	0.0	0.0	43.0	0.2	0.8	0.0	0.0	8.1	0.0	0.0	26.0
60	1386.50	595.18	100.24	0	N	A	-46.5	11.6	0.0	0.0	0.0	43.0	0.2	0.8	0.0	0.0	8.1	0.0	0.0	-87.0
60	1386.50	595.18	100.24	0	E	A	63.5	11.6	0.0	0.0	0.0	43.0	0.2	0.8	0.0	0.0	8.1	0.0	0.0	23.0
68	1398.52	599.50	100.24	0	D	A	66.5	10.4	0.0	0.0	0.0	41.4	0.2	0.6	0.0	0.0	4.6	0.0	0.0	30.1
68	1398.52	599.50	100.24	0	N	A	-46.5	10.4	0.0	0.0	0.0	41.4	0.2	0.6	0.0	0.0	4.6	0.0	0.0	-82.9
68	1398.52	599.50	100.24	0	E	A	63.5	10.4	0.0	0.0	0.0	41.4	0.2	0.6	0.0	0.0	4.6	0.0	0.0	27.1
105	1410.72	603.83	100.24	0	D	A	66.5	11.7	0.0	0.0	0.0	40.6	0.2	0.7	0.0	0.0	4.1	0.0	0.0	32.6
105	1410.72	603.83	100.24	0	N	A	-46.5	11.7	0.0	0.0	0.0	40.6	0.2	0.7	0.0	0.0	4.1	0.0	0.0	-80.4
105	1410.72	603.83	100.24	0	E	A	63.5	11.7	0.0	0.0	0.0	40.6	0.2	0.7	0.0	0.0	4.1	0.0	0.0	29.6
106	1424.79	608.76	100.24	0	D	A	66.5	11.7	0.0	0.0	0.0	41.6	0.2	0.6	0.0	0.0	0.0	0.0	0.0	35.9
106	1424.79	608.76	100.24	0	N	A	-46.5	11.7	0.0	0.0	0.0	41.6	0.2	0.6	0.0	0.0	0.0	0.0	0.0	-77.1
106	1424.79	608.76	100.24	0	E	A	63.5	11.7	0.0	0.0	0.0	41.6	0.2	0.6	0.0	0.0	0.0	0.0	0.0	32.9
113	1438.86	613.70	100.25	0	D	A	66.5	11.7	0.0	0.0	0.0	43.6	0.2	0.8	0.0	0.0	0.0	0.0	0.0	33.6
113	1438.86	613.70	100.25	0	N	A	-46.5	11.7	0.0	0.0	0.0	43.6	0.2	0.8	0.0	0.0	0.0	0.0	0.0	-79.4
113	1438.86	613.70	100.25	0	E	A	63.5	11.7	0.0	0.0	0.0	43.6	0.2	0.8	0.0	0.0	0.0	0.0	0.0	30.6
114	1452.93	618.63	100.25	0	D	A	66.5	11.7	0.0	0.0	0.0	45.6	0.3	0.6	0.0	0.0	0.0	0.0	0.0	31.7
114	1452.93	618.63	100.25	0	N	A	-46.5	11.7	0.0	0.0	0.0	45.6	0.3	0.6	0.0	0.0	0.0	0.0	0.0	-81.3
114	1452.93	618.63	100.25	0	E	A	63.5	11.7	0.0	0.0	0.0	45.6	0.3	0.6	0.0	0.0	0.0	0.0	0.0	28.7
240	1470.49	617.56	100.21	0	D	A	66.5	13.5	0.0	0.0	0.0	48.1	0.4	-1.1	0.0	0.0	0.0	0.0	0.0	32.6
240	1470.49	617.56	100.21	0	N	A	-46.5	13.5	0.0	0.0	0.0	48.1	0.4	-1.1	0.0	0.0	0.0	0.0	0.0	-80.4
240	1470.49	617.56	100.21	0	E	A	63.5	13.5	0.0	0.0	0.0	48.1	0.4	-1.1	0.0	0.0	0.0	0.0	0.0	29.6
264	1491.54	610.49	100.11	0	D	A	66.5	13.5	0.0	0.0	0.0	50.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	31.3
264	1491.54	610.49	100.11	0	N	A	-46.5	13.5	0.0	0.0	0.0	50.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	-81.7
264	1491.54	610.49	100.11	0	E	A	63.5	13.5	0.0	0.0	0.0	50.4	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	28.3
283	1502.90	604.14	100.07	0	D	A	66.5	7.7	0.0	0.0	0.0	51.5	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	24.3
283	1502.90	604.14	100.07	0	N	A	-46.5	7.7	0.0	0.0	0.0	51.5	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	-88.7
283	1502.90	604.14	100.07	0	E	A	63.5	7.7	0.0	0.0	0.0	51.5	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.3
284	1512.44	571.70	100.21	0	D	A	66.5	17.9	0.0	0.0	0.0	53.1	0.6	-2.5	0.0	0.0	13.8	0.0	0.0	19.4
284	1512.44	571.70	100.21	0	N	A	-46.5	17.9	0.0	0.0	0.0	53.1	0.6	-2.5	0.0	0.0	13.8	0.0	0.0	-93.6
284	1512.44	571.70	100.21	0	E	A	63.5	17.9	0.0	0.0	0.0	53.1	0.6	-2.5	0.0	0.0	13.8	0.0	0.0	16.4
294	1309.83	483.74	100.80	0	D	A	66.5	15.6	0.0	0.0	0.0	55.8	0.8	-2.6	0.0	0.0	23.7	0.0	0.0	4.5
294	1309.83	483.74	100.80	0	N	A	-46.5	15.6	0.0	0.0	0.0	55.8	0.8	-2.6	0.0	0.0	23.7	0.0	0.0	-108.5
294	1309.83	483.74	100.80	0	E	A	63.5	15.6	0.0	0.0	0.0	55.8	0.8	-2.6	0.0	0.0	23.7	0.0	0.0	1.5
297	1302.38	504.86	100.64	0	D	A	66.5	9.2	0.0	0.0	0.0	55.1	0.8	-2.5	0.0	0.0	25.8	0.0	0.0	-3.5
297	1302.38	504.86	100.64	0	N	A	-46.5	9.2	0.0	0.0	0.0	55.1	0.8	-2.5	0.0	0.0	25.8	0.0	0.0	-116.5
297	1302.38	504.86	100.64	0	E	A	63.5	9.2	0.0	0.0	0.0	55.1	0.8	-2.5	0.0	0.0	25.8	0.0	0.0	-6.5
299	1299.96	511.73	100.58	0	D	A	66.5	8.0	0.0	0.0	0.0	54.9	0.7	-2.2	0.0	0.0	23.1	0.0	0.0	-2.1
299	1299.96	511.73	100.58	0	N	A	-46.5	8.0	0.0	0.0	0.0	54.9	0.7	-2.2	0.0	0.0	23.1	0.0	0.0	-115.1
299	1299.96	511.73	100.58	0	E	A	63.5	8.0	0.0	0.0	0.0	54.9	0.7	-2.2	0.0	0.0	23.1	0.0	0.0	-5.1
301	1297.13	519.77	100.52	0	D	A	66.5	10.3	0.0	0.0	0.0	54.7	0.7	-2.3	0.0	0.0	26.0	0.0	0.0	-2.2
301	1297.13	519.77	100.52	0	N	A	-46.5	10.3	0.0	0.0	0.0	54.7	0.7	-2.3	0.0	0.0	26.0	0.0	0.0	-115.2
301	1297.13	519.77	100.52	0	E	A	63.5	10.3	0.0	0.0	0.0	54.7	0.7	-2.3	0.0	0.0	26.0	0.0	0.0	-5.2
304	1294.17	528.15	100.46	0	D	A	66.5	8.5	0.0	0.0	0.0	54.5	0.7	-2.2	0.0	0.0	21.4	0.0	0.0	0.7
304	1294.17	528.15	100.46	0	N	A	-46.5	8.5	0.0	0.0	0.0	54.5	0.7	-2.2	0.0	0.0	21.4	0.0	0.0	-112.3
304	1294.17	528.15	100.46	0	E	A	63.5	8.5	0.0	0.0	0.0	54.5	0.7	-2.2	0.0	0.0	21.4	0.0	0.0	-2.3
319	1292.36	533.28	100.42	0	D	A	66.5	5.8	0.0	0.0	0.0	54.3	0.7	-2.1	0.0	0.0	25.2	0.0	0.0	-5.7
319	1292.36	533.28	100.42	0	N	A	-46.5	5.8	0.0	0.0	0.0	54.3	0.7	-2.1	0.0	0.0	25.2	0.0	0.0	-118.8
319	1292.36	533.28	100.42	0	E	A	63.5	5.8	0.0	0.0	0.0	54.3	0.7	-2.1	0.0	0.0	25.2	0.0	0.0	-8.8
321	1290.96	537.24	100.39	0	D	A	66.5	6.6	0.0	0.0	0.0	54.2	0.7	-2.1	0.0	0.0	25.2	0.0	0.0	-4.8
321	1290.96	537.24	100.39	0	N	A	-46.5	6.6	0.0	0.0	0.0	54.2	0.7	-2.1	0.0	0.0	25.2	0.0	0.0	-117.9
321	1290.96	537.24	100.39	0	E	A	63.5	6.6	0.0	0.0	0.0	54.2	0.7	-2.1	0.0	0.0	25.2	0.0	0.0	-7.9

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
324	1287.79	546.24	100.32	0	D	A	66.5	11.6	0.0	0.0	0.0	54.0	0.7	-2.0	0.0	0.0	21.2	0.0	0.0	4.2
324	1287.79	546.24	100.32	0	N	A	-46.5	11.6	0.0	0.0	0.0	54.0	0.7	-2.0	0.0	0.0	21.2	0.0	0.0	-108.8
324	1287.79	546.24	100.32	0	E	A	63.5	11.6	0.0	0.0	0.0	54.0	0.7	-2.0	0.0	0.0	21.2	0.0	0.0	1.2
337	1284.49	555.62	100.25	0	D	A	66.5	7.3	0.0	0.0	0.0	53.9	0.7	-1.7	0.0	0.0	9.5	0.0	0.0	11.5
337	1284.49	555.62	100.25	0	N	A	-46.5	7.3	0.0	0.0	0.0	53.9	0.7	-1.7	0.0	0.0	9.5	0.0	0.0	-101.5
337	1284.49	555.62	100.25	0	E	A	63.5	7.3	0.0	0.0	0.0	53.9	0.7	-1.7	0.0	0.0	9.5	0.0	0.0	8.5

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
339	1424.96	513.03	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	52.6	0.7	-2.4	0.0	0.0	0.0	0.0	0.0	31.1
339	1424.96	513.03	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	52.6	0.7	-2.4	0.0	0.0	0.0	0.0	0.0	28.1
339	1424.96	513.03	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	52.6	0.7	-2.4	0.0	0.0	0.0	0.0	0.0	29.9

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
346	1377.28	504.21	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	53.2	0.8	-2.4	0.0	0.0	0.0	0.0	0.0	30.5
346	1377.28	504.21	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	53.2	0.8	-2.4	0.0	0.0	0.0	0.0	0.0	27.5
346	1377.28	504.21	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	53.2	0.8	-2.4	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
348	1405.42	511.56	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	52.6	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	30.4
348	1405.42	511.56	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	52.6	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	27.4
348	1405.42	511.56	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	52.6	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	29.1

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
364	1397.02	510.51	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	52.7	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	30.3
364	1397.02	510.51	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	52.7	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	27.3
364	1397.02	510.51	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	52.7	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	29.1

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
379	1397.02	506.10	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	53.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	30.0
379	1397.02	506.10	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	53.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	27.0
379	1397.02	506.10	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	53.0	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	28.8

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
381	1372.24	498.96	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	53.6	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	29.3
381	1372.24	498.96	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	53.6	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	26.2
381	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	53.6	0.5	-2.3	0.0	0.0	0.0	0.0	0.0	28.0

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	(dB(A))	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
274	1305.00	480.16	101.01	0	D	A	70.6	15.2	0.0	0.0	0.0	56.1	0.7	-2.5	0.0	0.0	18.8	0.0	0.0	12.7
274	1305.00	480.16	101.01	0	N	A	-34.1	15.2	0.0	0.0	0.0	56.1	0.7	-2.5	0.0	0.0	18.8	0.0	0.0	-92.1
274	1305.00	480.16	101.01	0	E	A	65.9	15.2	0.0	0.0	0.0	56.1	0.7	-2.5	0.0	0.0	18.8	0.0	0.0	7.9
275	1298.65	500.07	100.93	0	D	A	70.6	9.4	0.0	0.0	0.0	55.4	0.7	-2.4	0.0	0.0	22.9	0.0	0.0	3.5
275	1298.65	500.07	100.93	0	N	A	-34.1	9.4	0.0	0.0	0.0	55.4	0.7	-2.4	0.0	0.0	22.9	0.0	0.0	-101.3
275	1298.65	500.07	100.93	0	E	A	65.9	9.4	0.0	0.0	0.0	55.4	0.7	-2.4	0.0	0.0	22.9	0.0	0.0	-1.3
276	1296.31	507.41	100.90	0	D	A	70.6	8.2	0.0	0.0	0.0	55.2	0.7	-2.3	0.0	0.0	19.4	0.0	0.0	5.9
276	1296.31	507.41	100.90	0	N	A	-34.1	8.2	0.0	0.0	0.0	55.2	0.7	-2.3	0.0	0.0	19.4	0.0	0.0	-98.8
276	1296.31	507.41	100.90	0	E	A	65.9	8.2	0.0	0.0	0.0	55.2	0.7	-2.3	0.0	0.0	19.4	0.0	0.0	1.2
277	1293.59	515.95	100.86	0	D	A	70.6	10.5	0.0	0.0	0.0	55.0	0.6	-2.2	0.0	0.0	23.7	0.0	0.0	4.0
277	1293.59	515.95	100.86	0	N	A	-34.1	10.5	0.0	0.0	0.0	55.0	0.6	-2.2	0.0	0.0	23.7	0.0	0.0	-100.7
277	1293.59	515.95	100.86	0	E	A	65.9	10.5	0.0	0.0	0.0	55.0	0.6	-2.2	0.0	0.0	23.7	0.0	0.0	-0.7

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
278	1290.75	524.85	100.83	0	D	A	70.6	8.7	0.0	0.0	0.0	54.7	0.6	-2.2	0.0	0.0	19.6	0.0	0.0	6.6
278	1290.75	524.85	100.83	0	N	A	-34.1	8.7	0.0	0.0	0.0	54.7	0.6	-2.2	0.0	0.0	19.6	0.0	0.0	-98.2
278	1290.75	524.85	100.83	0	E	A	65.9	8.7	0.0	0.0	0.0	54.7	0.6	-2.2	0.0	0.0	19.6	0.0	0.0	1.8
279	1288.53	531.81	100.80	0	D	A	70.6	8.6	0.0	0.0	0.0	54.5	0.6	-2.2	0.0	0.0	23.2	0.0	0.0	3.0
279	1288.53	531.81	100.80	0	N	A	-34.1	8.6	0.0	0.0	0.0	54.5	0.6	-2.2	0.0	0.0	23.2	0.0	0.0	-101.8
279	1288.53	531.81	100.80	0	E	A	65.9	8.6	0.0	0.0	0.0	54.5	0.6	-2.2	0.0	0.0	23.2	0.0	0.0	-1.8
280	1287.20	535.99	100.78	0	D	A	70.6	1.9	0.0	0.0	0.0	54.4	0.6	-2.0	0.0	0.0	23.2	0.0	0.0	-3.7
280	1287.20	535.99	100.78	0	N	A	-34.1	1.9	0.0	0.0	0.0	54.4	0.6	-2.0	0.0	0.0	23.2	0.0	0.0	-108.4
280	1287.20	535.99	100.78	0	E	A	65.9	1.9	0.0	0.0	0.0	54.4	0.6	-2.0	0.0	0.0	23.2	0.0	0.0	-8.4
281	1284.68	543.88	100.75	0	D	A	70.6	11.8	0.0	0.0	0.0	54.3	0.6	-2.0	0.0	0.0	19.8	0.0	0.0	9.8
281	1284.68	543.88	100.75	0	N	A	-34.1	11.8	0.0	0.0	0.0	54.3	0.6	-2.0	0.0	0.0	19.8	0.0	0.0	-95.0
281	1284.68	543.88	100.75	0	E	A	65.9	11.8	0.0	0.0	0.0	54.3	0.6	-2.0	0.0	0.0	19.8	0.0	0.0	5.0
282	1282.35	551.20	100.72	0	D	A	70.6	-4.4	0.0	0.0	0.0	54.1	0.6	-1.7	0.0	0.0	18.6	0.0	0.0	-5.4
282	1282.35	551.20	100.72	0	N	A	-34.1	-4.4	0.0	0.0	0.0	54.1	0.6	-1.7	0.0	0.0	18.6	0.0	0.0	-110.2
282	1282.35	551.20	100.72	0	E	A	65.9	-4.4	0.0	0.0	0.0	54.1	0.6	-1.7	0.0	0.0	18.6	0.0	0.0	-10.2
383	1317.46	442.94	101.11	0	D	A	70.6	16.5	0.0	0.0	0.0	57.3	0.8	-3.0	0.0	0.0	13.4	0.0	0.0	18.6
383	1317.46	442.94	101.11	0	N	A	-34.1	16.5	0.0	0.0	0.0	57.3	0.8	-3.0	0.0	0.0	13.4	0.0	0.0	-86.2
383	1317.46	442.94	101.11	0	E	A	65.9	16.5	0.0	0.0	0.0	57.3	0.8	-3.0	0.0	0.0	13.4	0.0	0.0	13.8
385	1310.11	464.15	101.08	0	D	A	70.6	-2.3	0.0	0.0	0.0	56.6	0.8	-2.7	0.0	0.0	16.8	0.0	0.0	-3.2
385	1310.11	464.15	101.08	0	N	A	-34.1	-2.3	0.0	0.0	0.0	56.6	0.8	-2.7	0.0	0.0	16.8	0.0	0.0	-108.0
385	1310.11	464.15	101.08	0	E	A	65.9	-2.3	0.0	0.0	0.0	56.6	0.8	-2.7	0.0	0.0	16.8	0.0	0.0	-8.0

DRAFT

Receiver  
 Name: R02G  
 ID: R02G  
 X: 1403.84 m  
 Y: 625.75 m  
 Z: 104.78 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
17	1454.50	605.98	100.68	0	DEN	A	98.0	0.0	0.0	0.0	0.0	45.7	0.5	-1.9	0.0	0.0	7.2	0.0	0.0	46.5

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
34	1421.81	606.70	100.28	0	D	A	100.9	0.0	-13.0	0.0	0.0	39.5	0.4	-0.5	0.0	0.0	6.1	0.0	0.0	42.4
34	1421.81	606.70	100.28	0	N	A	100.9	0.0	-13.0	0.0	0.0	39.5	0.4	-0.5	0.0	0.0	6.1	0.0	0.0	42.4
34	1421.81	606.70	100.28	0	E	A	100.9	0.0	-13.0	0.0	0.0	39.5	0.4	-0.5	0.0	0.0	6.1	0.0	0.0	42.4

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
40	1422.86	603.76	100.38	0	D	A	94.2	0.0	-7.8	0.0	0.0	40.4	0.1	0.7	0.0	0.0	0.0	0.0	0.0	45.2
40	1422.86	603.76	100.38	0	N	A	94.2	0.0	-7.8	0.0	0.0	40.4	0.1	0.7	0.0	0.0	0.0	0.0	0.0	45.2
40	1422.86	603.76	100.38	0	E	A	94.2	0.0	-7.8	0.0	0.0	40.4	0.1	0.7	0.0	0.0	0.0	0.0	0.0	45.2

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
147	1417.81	584.65	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	43.8	0.2	-1.6	0.0	0.0	8.1	0.0	0.0	37.2
147	1417.81	584.65	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	43.8	0.2	-1.6	0.0	0.0	8.1	0.0	0.0	34.2
147	1417.81	584.65	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	43.8	0.2	-1.6	0.0	0.0	8.1	0.0	0.0	36.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
180	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	44.3	0.2	-1.4	0.0	0.0	7.7	0.0	0.0	36.9
180	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	44.3	0.2	-1.4	0.0	0.0	7.7	0.0	0.0	33.9
180	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	44.3	0.2	-1.4	0.0	0.0	7.7	0.0	0.0	35.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
243	1381.27	572.67	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	46.2	0.3	-1.0	0.0	0.0	6.8	0.0	0.0	35.5
243	1381.27	572.67	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	46.2	0.3	-1.0	0.0	0.0	6.8	0.0	0.0	32.5
243	1381.27	572.67	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	46.2	0.3	-1.0	0.0	0.0	6.8	0.0	0.0	34.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
245	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	48.1	0.4	-1.2	0.0	0.0	9.5	0.0	0.0	31.0
245	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	48.1	0.4	-1.2	0.0	0.0	9.5	0.0	0.0	28.0
245	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	48.1	0.4	-1.2	0.0	0.0	9.5	0.0	0.0	29.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S15"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
255	1416.13	552.30	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	48.4	0.4	-1.5	0.0	0.0	7.9	0.0	0.0	32.6
255	1416.13	552.30	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	48.4	0.4	-1.5	0.0	0.0	7.9	0.0	0.0	29.6
255	1416.13	552.30	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	48.4	0.4	-1.5	0.0	0.0	7.9	0.0	0.0	31.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S12"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
257	1356.07	563.01	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	48.9	0.4	-0.3	0.0	0.0	5.7	0.0	0.0	33.1
257	1356.07	563.01	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	48.9	0.4	-0.3	0.0	0.0	5.7	0.0	0.0	30.1
257	1356.07	563.01	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	48.9	0.4	-0.3	0.0	0.0	5.7	0.0	0.0	31.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S14"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
266	1389.25	547.89	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	49.0	0.4	-1.3	0.0	0.0	7.4	0.0	0.0	32.3
266	1389.25	547.89	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	49.0	0.4	-1.3	0.0	0.0	7.4	0.0	0.0	29.3
266	1389.25	547.89	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	49.0	0.4	-1.3	0.0	0.0	7.4	0.0	0.0	31.0

Point Source, ISO 9613, Name: "DeliveryTruckIdle", ID: "S29"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
307	1280.64	555.78	100.18	0	D	A	98.9	0.0	-1.8	0.0	0.0	54.0	0.6	0.5	0.0	0.0	8.3	0.0	0.0	33.6
307	1280.64	555.78	100.18	0	N	A	98.9	0.0	-188.0	0.0	0.0	54.0	0.6	0.5	0.0	0.0	8.3	0.0	0.0	-152.6
307	1280.64	555.78	100.18	0	E	A	98.9	0.0	-188.0	0.0	0.0	54.0	0.6	0.5	0.0	0.0	8.3	0.0	0.0	-152.6

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S11"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
318	1366.36	538.44	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	50.6	0.5	-1.0	0.0	0.0	6.8	0.0	0.0	31.0
318	1366.36	538.44	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	50.6	0.5	-1.0	0.0	0.0	6.8	0.0	0.0	28.0
318	1366.36	538.44	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	50.6	0.5	-1.0	0.0	0.0	6.8	0.0	0.0	29.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
326	1422.86	532.56	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	50.6	0.5	-1.5	0.0	0.0	7.8	0.0	0.0	30.4
326	1422.86	532.56	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	50.6	0.5	-1.5	0.0	0.0	7.8	0.0	0.0	27.4
326	1422.86	532.56	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	50.6	0.5	-1.5	0.0	0.0	7.8	0.0	0.0	29.2

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
345	1332.76	555.87	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	51.0	0.5	0.2	0.0	0.0	4.9	0.0	0.0	31.2
345	1332.76	555.87	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	51.0	0.5	0.2	0.0	0.0	4.9	0.0	0.0	28.2
345	1332.76	555.87	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	51.0	0.5	0.2	0.0	0.0	4.9	0.0	0.0	30.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
347	1396.39	523.74	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	51.2	0.5	-1.4	0.0	0.0	7.5	0.0	0.0	29.9
347	1396.39	523.74	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	51.2	0.5	-1.4	0.0	0.0	7.5	0.0	0.0	26.9
347	1396.39	523.74	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	51.2	0.5	-1.4	0.0	0.0	7.5	0.0	0.0	28.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
356	1372.87	515.76	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	52.2	0.5	-1.3	0.0	0.0	7.2	0.0	0.0	29.2
356	1372.87	515.76	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	52.2	0.5	-1.3	0.0	0.0	7.2	0.0	0.0	26.2
356	1372.87	515.76	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	52.2	0.5	-1.3	0.0	0.0	7.2	0.0	0.0	28.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S10"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
358	1342.00	528.36	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	52.2	0.5	-0.7	0.0	0.0	6.1	0.0	0.0	29.6
358	1342.00	528.36	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	52.2	0.5	-0.7	0.0	0.0	6.1	0.0	0.0	26.6
358	1342.00	528.36	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	52.2	0.5	-0.7	0.0	0.0	6.1	0.0	0.0	28.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
367	1307.56	548.10	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	52.8	0.6	0.9	0.0	0.0	4.1	0.0	0.0	29.4







Line Source, ISO 9613, Name: "Forklift", ID: "b05\_Forklift"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for various directions (D, N, E).

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S\_MorningFlatbedLoad"

Table with 21 columns: Nr., X (m), Y (m), Z (m), Refl., DEN, Freq. (Hz), Lw (dB(A)), l/a (dB), Optime (dB), K0 (dB), Di (dB), Adiv (dB), Aatm (dB), Agr (dB), Afol (dB), Ahous (dB), Abar (dB), Cmet (dB), RL (dB), Lr (dB(A)). Rows include coordinates and noise levels for directions D, N, E.

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
394	1298.31	501.13	100.93	0	D	A	70.6	9.4	0.0	0.0	0.0	55.3	0.7	-1.4	0.0	0.0	23.3	0.0	0.0	2.2
394	1298.31	501.13	100.93	0	N	A	-34.1	9.4	0.0	0.0	0.0	55.3	0.7	-1.4	0.0	0.0	23.3	0.0	0.0	-102.5
394	1298.31	501.13	100.93	0	E	A	65.9	9.4	0.0	0.0	0.0	55.3	0.7	-1.4	0.0	0.0	23.3	0.0	0.0	-2.5
396	1295.63	509.54	100.89	0	D	A	70.6	9.5	0.0	0.0	0.0	55.0	0.6	-1.3	0.0	0.0	23.3	0.0	0.0	2.4
396	1295.63	509.54	100.89	0	N	A	-34.1	9.5	0.0	0.0	0.0	55.0	0.6	-1.3	0.0	0.0	23.3	0.0	0.0	-102.4
396	1295.63	509.54	100.89	0	E	A	65.9	9.5	0.0	0.0	0.0	55.0	0.6	-1.3	0.0	0.0	23.3	0.0	0.0	-2.4
405	1292.57	519.15	100.85	0	D	A	70.6	10.5	0.0	0.0	0.0	54.8	0.6	-1.0	0.0	0.0	23.0	0.0	0.0	3.7
405	1292.57	519.15	100.85	0	N	A	-34.1	10.5	0.0	0.0	0.0	54.8	0.6	-1.0	0.0	0.0	23.0	0.0	0.0	-101.1
405	1292.57	519.15	100.85	0	E	A	65.9	10.5	0.0	0.0	0.0	54.8	0.6	-1.0	0.0	0.0	23.0	0.0	0.0	-1.1
413	1290.08	526.96	100.82	0	D	A	70.6	7.1	0.0	0.0	0.0	54.6	0.6	-0.5	0.0	0.0	22.7	0.0	0.0	0.4
413	1290.08	526.96	100.82	0	N	A	-34.1	7.1	0.0	0.0	0.0	54.6	0.6	-0.5	0.0	0.0	22.7	0.0	0.0	-104.4
413	1290.08	526.96	100.82	0	E	A	65.9	7.1	0.0	0.0	0.0	54.6	0.6	-0.5	0.0	0.0	22.7	0.0	0.0	-4.4
422	1287.96	533.59	100.79	0	D	A	70.6	9.4	0.0	0.0	0.0	54.4	0.6	-0.1	0.0	0.0	22.4	0.0	0.0	2.8
422	1287.96	533.59	100.79	0	N	A	-34.1	9.4	0.0	0.0	0.0	54.4	0.6	-0.1	0.0	0.0	22.4	0.0	0.0	-102.0
422	1287.96	533.59	100.79	0	E	A	65.9	9.4	0.0	0.0	0.0	54.4	0.6	-0.1	0.0	0.0	22.4	0.0	0.0	-2.0
430	1284.48	544.53	100.75	0	D	A	70.6	11.5	0.0	0.0	0.0	54.2	0.6	0.2	0.0	0.0	21.9	0.0	0.0	5.3
430	1284.48	544.53	100.75	0	N	A	-34.1	11.5	0.0	0.0	0.0	54.2	0.6	0.2	0.0	0.0	21.9	0.0	0.0	-99.5
430	1284.48	544.53	100.75	0	E	A	65.9	11.5	0.0	0.0	0.0	54.2	0.6	0.2	0.0	0.0	21.9	0.0	0.0	0.5
446	1282.31	551.33	100.72	0	D	A	70.6	-10.4	0.0	0.0	0.0	54.1	0.6	0.5	0.0	0.0	21.2	0.0	0.0	-16.1
446	1282.31	551.33	100.72	0	N	A	-34.1	-10.4	0.0	0.0	0.0	54.1	0.6	0.5	0.0	0.0	21.2	0.0	0.0	-120.9
446	1282.31	551.33	100.72	0	E	A	65.9	-10.4	0.0	0.0	0.0	54.1	0.6	0.5	0.0	0.0	21.2	0.0	0.0	-20.9
594	1321.62	430.93	101.13	0	D	A	70.6	12.8	0.0	0.0	0.0	57.5	0.8	-2.6	0.0	0.0	16.8	0.0	0.0	10.9
594	1321.62	430.93	101.13	0	N	A	-34.1	12.8	0.0	0.0	0.0	57.5	0.8	-2.6	0.0	0.0	16.8	0.0	0.0	-93.9
594	1321.62	430.93	101.13	0	E	A	65.9	12.8	0.0	0.0	0.0	57.5	0.8	-2.6	0.0	0.0	16.8	0.0	0.0	6.1
596	1317.61	442.52	101.11	0	D	A	70.6	7.5	0.0	0.0	0.0	57.1	0.8	-2.2	0.0	0.0	18.2	0.0	0.0	4.3
596	1317.61	442.52	101.11	0	N	A	-34.1	7.5	0.0	0.0	0.0	57.1	0.8	-2.2	0.0	0.0	18.2	0.0	0.0	-100.5
596	1317.61	442.52	101.11	0	E	A	65.9	7.5	0.0	0.0	0.0	57.1	0.8	-2.2	0.0	0.0	18.2	0.0	0.0	-0.5
598	1313.35	454.81	101.09	0	D	A	70.6	13.1	0.0	0.0	0.0	56.7	0.8	-2.2	0.0	0.0	21.5	0.0	0.0	7.0
598	1313.35	454.81	101.09	0	N	A	-34.1	13.1	0.0	0.0	0.0	56.7	0.8	-2.2	0.0	0.0	21.5	0.0	0.0	-97.8
598	1313.35	454.81	101.09	0	E	A	65.9	13.1	0.0	0.0	0.0	56.7	0.8	-2.2	0.0	0.0	21.5	0.0	0.0	2.2



Receiver  
Name: R03W  
ID: R03W  
X: 1366.05 m  
Y: 617.30 m  
Z: 108.72 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
53	1454.50	605.98	100.68		0 DEN	A	98.0	0.0	0.0	0.0	0.0	50.0	0.7	-2.1	0.0	0.0	13.5	0.0	0.0	35.9

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
127	1421.81	606.70	100.28		0 D	A	100.9	0.0	-13.0	0.0	0.0	46.2	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	41.5
127	1421.81	606.70	100.28		0 N	A	100.9	0.0	-13.0	0.0	0.0	46.2	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	41.5
127	1421.81	606.70	100.28		0 E	A	100.9	0.0	-13.0	0.0	0.0	46.2	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	41.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
135	1381.27	572.67	106.89		0 D	A	87.8	0.0	0.0	0.0	0.0	44.5	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	44.7
135	1381.27	572.67	106.89		0 N	A	87.8	0.0	-3.0	0.0	0.0	44.5	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	41.7
135	1381.27	572.67	106.89		0 E	A	87.8	0.0	-1.2	0.0	0.0	44.5	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	43.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S12"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
185	1356.07	563.01	106.89		0 D	A	87.8	0.0	0.0	0.0	0.0	45.8	0.3	-1.6	0.0	0.0	0.0	0.0	0.0	43.3
185	1356.07	563.01	106.89		0 N	A	87.8	0.0	-3.0	0.0	0.0	45.8	0.3	-1.6	0.0	0.0	0.0	0.0	0.0	40.2
185	1356.07	563.01	106.89		0 E	A	87.8	0.0	-1.2	0.0	0.0	45.8	0.3	-1.6	0.0	0.0	0.0	0.0	0.0	42.0

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
194	1422.86	603.76	100.38		0 D	A	94.2	0.0	-7.8	0.0	0.0	46.4	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	40.0
194	1422.86	603.76	100.38		0 N	A	94.2	0.0	-7.8	0.0	0.0	46.4	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	40.0
194	1422.86	603.76	100.38		0 E	A	94.2	0.0	-7.8	0.0	0.0	46.4	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	40.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
202	1417.81	584.65	106.89		0 D	A	87.8	0.0	0.0	0.0	0.0	46.7	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	42.4
202	1417.81	584.65	106.89		0 N	A	87.8	0.0	-3.0	0.0	0.0	46.7	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	39.4
202	1417.81	584.65	106.89		0 E	A	87.8	0.0	-1.2	0.0	0.0	46.7	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	41.2

Point Source, ISO 9613, Name: "DeliveryTruckIdle", ID: "S29"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
228	1280.64	555.78	100.18		0 D	A	98.9	0.0	-1.8	0.0	0.0	51.5	0.5	-1.1	0.0	0.0	10.9	0.0	0.0	35.4
228	1280.64	555.78	100.18		0 N	A	98.9	0.0	-188.0	0.0	0.0	51.5	0.5	-1.1	0.0	0.0	10.9	0.0	0.0	-150.8
228	1280.64	555.78	100.18		0 E	A	98.9	0.0	-188.0	0.0	0.0	51.5	0.5	-1.1	0.0	0.0	10.9	0.0	0.0	-150.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S09"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
230	1332.76	555.87	106.89		0 D	A	87.8	0.0	0.0	0.0	0.0	47.9	0.3	-1.6	0.0	0.0	4.5	0.0	0.0	36.6
230	1332.76	555.87	106.89		0 N	A	87.8	0.0	-3.0	0.0	0.0	47.9	0.3	-1.6	0.0	0.0	4.5	0.0	0.0	33.6
230	1332.76	555.87	106.89		0 E	A	87.8	0.0	-1.2	0.0	0.0	47.9	0.3	-1.6	0.0	0.0	4.5	0.0	0.0	35.3











Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
143	1537.47	487.20	98.13	0	N	500	-46.2	19.1	0.0	20.0	0.0	57.7	0.4	11.5	0.0	0.0	7.6	0.0	0.0	-84.3
143	1537.47	487.20	98.13	0	E	500	53.8	19.1	0.0	20.0	0.0	57.7	0.4	11.5	0.0	0.0	7.6	0.0	0.0	15.7
151	1524.32	526.55	98.46	0	D	500	56.8	3.4	0.0	20.0	0.0	56.2	0.4	11.7	0.0	0.0	4.1	0.0	0.0	7.7
151	1524.32	526.55	98.46	0	N	500	-46.2	3.4	0.0	20.0	0.0	56.2	0.4	11.7	0.0	0.0	4.1	0.0	0.0	-95.3
151	1524.32	526.55	98.46	0	E	500	53.8	3.4	0.0	20.0	0.0	56.2	0.4	11.7	0.0	0.0	4.1	0.0	0.0	4.7
159	1516.38	550.28	98.66	0	D	500	56.8	16.8	0.0	20.0	0.0	55.3	0.3	11.8	0.0	0.0	0.0	0.0	0.0	26.1
159	1516.38	550.28	98.66	0	N	500	-46.2	16.8	0.0	20.0	0.0	55.3	0.3	11.8	0.0	0.0	0.0	0.0	0.0	-76.9
159	1516.38	550.28	98.66	0	E	500	53.8	16.8	0.0	20.0	0.0	55.3	0.3	11.8	0.0	0.0	0.0	0.0	0.0	23.1
168	1503.63	588.44	98.98	0	D	500	56.8	15.1	0.0	20.0	0.0	54.0	0.3	12.0	0.0	0.0	7.1	0.0	0.0	18.5
168	1503.63	588.44	98.98	0	N	500	-46.2	15.1	0.0	20.0	0.0	54.0	0.3	12.0	0.0	0.0	7.1	0.0	0.0	-84.5
168	1503.63	588.44	98.98	0	E	500	53.8	15.1	0.0	20.0	0.0	54.0	0.3	12.0	0.0	0.0	7.1	0.0	0.0	15.5
176	1498.11	604.94	99.12	0	D	500	56.8	3.4	0.0	20.0	0.0	53.5	0.3	12.1	0.0	0.0	0.0	0.0	0.0	14.4
176	1498.11	604.94	99.12	0	N	500	-46.2	3.4	0.0	20.0	0.0	53.5	0.3	12.1	0.0	0.0	0.0	0.0	0.0	-88.6
176	1498.11	604.94	99.12	0	E	500	53.8	3.4	0.0	20.0	0.0	53.5	0.3	12.1	0.0	0.0	0.0	0.0	0.0	11.4
211	1464.57	603.00	99.65	0	D	500	56.8	13.3	0.0	20.0	0.0	51.0	0.2	11.2	0.0	0.0	3.6	0.0	0.0	24.0
211	1464.57	603.00	99.65	0	N	500	-46.2	13.3	0.0	20.0	0.0	51.0	0.2	11.2	0.0	0.0	3.6	0.0	0.0	-79.0
211	1464.57	603.00	99.65	0	E	500	53.8	13.3	0.0	20.0	0.0	51.0	0.2	11.2	0.0	0.0	3.6	0.0	0.0	21.0
212	1475.26	606.53	99.47	0	D	500	56.8	1.2	0.0	20.0	0.0	51.8	0.2	11.6	0.0	0.0	0.0	0.0	0.0	14.4
212	1475.26	606.53	99.47	0	N	500	-46.2	1.2	0.0	20.0	0.0	51.8	0.2	11.6	0.0	0.0	0.0	0.0	0.0	-88.7
212	1475.26	606.53	99.47	0	E	500	53.8	1.2	0.0	20.0	0.0	51.8	0.2	11.6	0.0	0.0	0.0	0.0	0.0	11.3
226	1486.19	610.14	99.28	0	D	500	56.8	13.4	0.0	20.0	0.0	52.6	0.2	11.9	0.0	0.0	0.0	0.0	0.0	25.4
226	1486.19	610.14	99.28	0	N	500	-46.2	13.4	0.0	20.0	0.0	52.6	0.2	11.9	0.0	0.0	0.0	0.0	0.0	-77.6
226	1486.19	610.14	99.28	0	E	500	53.8	13.4	0.0	20.0	0.0	52.6	0.2	11.9	0.0	0.0	0.0	0.0	0.0	22.4
242	1483.69	609.29	99.32	0	D	500	56.8	12.1	0.0	20.0	0.0	52.5	0.2	11.8	0.0	0.0	0.0	0.0	0.0	24.4
242	1483.69	609.29	99.32	0	N	500	-46.2	12.1	0.0	20.0	0.0	52.5	0.2	11.8	0.0	0.0	0.0	0.0	0.0	-78.6
242	1483.69	609.29	99.32	0	E	500	53.8	12.1	0.0	20.0	0.0	52.5	0.2	11.8	0.0	0.0	0.0	0.0	0.0	21.4
244	1475.28	606.52	99.47	0	D	500	56.8	1.2	0.0	20.0	0.0	51.8	0.2	11.6	0.0	0.0	0.0	0.0	0.0	14.4
244	1475.28	606.52	99.47	0	N	500	-46.2	1.2	0.0	20.0	0.0	51.8	0.2	11.6	0.0	0.0	0.0	0.0	0.0	-88.7
244	1475.28	606.52	99.47	0	E	500	53.8	1.2	0.0	20.0	0.0	51.8	0.2	11.6	0.0	0.0	0.0	0.0	0.0	11.3
315	1464.58	603.00	99.65	0	D	500	56.8	13.3	0.0	20.0	0.0	51.0	0.2	11.2	0.0	0.0	3.6	0.0	0.0	24.0
315	1464.58	603.00	99.65	0	N	500	-46.2	13.3	0.0	20.0	0.0	51.0	0.2	11.2	0.0	0.0	3.6	0.0	0.0	-79.0
315	1464.58	603.00	99.65	0	E	500	53.8	13.3	0.0	20.0	0.0	51.0	0.2	11.2	0.0	0.0	3.6	0.0	0.0	21.0
461	1498.82	622.36	99.10	0	D	500	56.8	14.1	0.0	20.0	0.0	53.5	0.3	12.3	0.0	0.0	0.0	0.0	0.0	24.8
461	1498.82	622.36	99.10	0	N	500	-46.2	14.1	0.0	20.0	0.0	53.5	0.3	12.3	0.0	0.0	0.0	0.0	0.0	-78.2
461	1498.82	622.36	99.10	0	E	500	53.8	14.1	0.0	20.0	0.0	53.5	0.3	12.3	0.0	0.0	0.0	0.0	0.0	21.8
476	1501.97	619.42	99.07	0	D	500	56.8	14.5	0.0	20.0	0.0	53.7	0.3	12.3	0.0	0.0	0.0	0.0	0.0	25.0
476	1501.97	619.42	99.07	0	N	500	-46.2	14.5	0.0	20.0	0.0	53.7	0.3	12.3	0.0	0.0	0.0	0.0	0.0	-78.0
476	1501.97	619.42	99.07	0	E	500	53.8	14.5	0.0	20.0	0.0	53.7	0.3	12.3	0.0	0.0	0.0	0.0	0.0	22.0
755	1496.51	611.23	99.12	0	D	500	56.8	6.6	0.0	20.0	0.0	53.3	0.3	12.1	0.0	0.0	0.0	0.0	0.0	17.7
755	1496.51	611.23	99.12	0	N	500	-46.2	6.6	0.0	20.0	0.0	53.3	0.3	12.1	0.0	0.0	0.0	0.0	0.0	-85.3
755	1496.51	611.23	99.12	0	E	500	53.8	6.6	0.0	20.0	0.0	53.3	0.3	12.1	0.0	0.0	0.0	0.0	0.0	14.7

Receiver  
Name: R03G  
ID: R03G  
X: 1368.45 m  
Y: 612.29 m  
Z: 105.40 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
19	1454.50	605.98	100.68		0 DEN	A	98.0	0.0	0.0	0.0	0.0	49.7	0.7	-1.7	0.0	0.0	15.1	0.0	0.0	34.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
103	1381.27	572.67	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	43.4	0.2	-1.5	0.0	0.0	7.3	0.0	0.0	38.4
103	1381.27	572.67	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	43.4	0.2	-1.5	0.0	0.0	7.3	0.0	0.0	35.4
103	1381.27	572.67	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	43.4	0.2	-1.5	0.0	0.0	7.3	0.0	0.0	37.1

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
111	1421.81	606.70	100.28	0	D	A	100.9	0.0	-13.0	0.0	0.0	45.6	0.7	-0.5	0.0	0.0	5.4	0.0	0.0	36.6
111	1421.81	606.70	100.28	0	N	A	100.9	0.0	-13.0	0.0	0.0	45.6	0.7	-0.5	0.0	0.0	5.4	0.0	0.0	36.6
111	1421.81	606.70	100.28	0	E	A	100.9	0.0	-13.0	0.0	0.0	45.6	0.7	-0.5	0.0	0.0	5.4	0.0	0.0	36.6

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S12"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
149	1356.07	563.01	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	45.1	0.3	-1.2	0.0	0.0	6.8	0.0	0.0	36.8
149	1356.07	563.01	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	45.1	0.3	-1.2	0.0	0.0	6.8	0.0	0.0	33.8
149	1356.07	563.01	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	45.1	0.3	-1.2	0.0	0.0	6.8	0.0	0.0	35.6

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
157	1422.86	603.76	100.38	0	D	A	94.2	0.0	-7.8	0.0	0.0	45.9	0.2	1.1	0.0	0.0	2.4	0.0	0.0	36.9
157	1422.86	603.76	100.38	0	N	A	94.2	0.0	-7.8	0.0	0.0	45.9	0.2	1.1	0.0	0.0	2.4	0.0	0.0	36.9
157	1422.86	603.76	100.38	0	E	A	94.2	0.0	-7.8	0.0	0.0	45.9	0.2	1.1	0.0	0.0	2.4	0.0	0.0	36.9

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
172	1417.81	584.65	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	46.1	0.3	-1.1	0.0	0.0	6.5	0.0	0.0	36.0
172	1417.81	584.65	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	46.1	0.3	-1.1	0.0	0.0	6.5	0.0	0.0	33.0
172	1417.81	584.65	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	46.1	0.3	-1.1	0.0	0.0	6.5	0.0	0.0	34.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S09"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
207	1332.76	555.87	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	47.5	0.3	-0.8	0.0	0.0	9.4	0.0	0.0	31.4
207	1332.76	555.87	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	47.5	0.3	-0.8	0.0	0.0	9.4	0.0	0.0	28.4
207	1332.76	555.87	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	47.5	0.3	-0.8	0.0	0.0	9.4	0.0	0.0	30.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S14"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
215	1389.25	547.89	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	47.6	0.3	-1.6	0.0	0.0	7.4	0.0	0.0	34.0
215	1389.25	547.89	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	47.6	0.3	-1.6	0.0	0.0	7.4	0.0	0.0	31.0
215	1389.25	547.89	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	47.6	0.3	-1.6	0.0	0.0	7.4	0.0	0.0	32.8

















Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
862	1416.13	552.30	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	53.3	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	32.8
862	1416.13	552.30	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	53.3	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	34.6

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
885	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.2	0.7	-1.3	0.0	0.0	0.0	0.0	0.0	34.3
885	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.2	0.7	-1.3	0.0	0.0	0.0	0.0	0.0	31.2
885	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.2	0.7	-1.3	0.0	0.0	0.0	0.0	0.0	33.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
896	1422.86	532.56	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.2	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	35.0
896	1422.86	532.56	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.2	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	32.0
896	1422.86	532.56	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.2	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	33.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
923	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.7	0.8	-1.5	0.0	0.0	0.0	0.0	0.0	32.8
923	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.7	0.8	-1.5	0.0	0.0	0.0	0.0	0.0	29.8
923	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.7	0.8	-1.5	0.0	0.0	0.0	0.0	0.0	31.6

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
965	1377.28	504.21	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	53.0	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	30.6
965	1377.28	504.21	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	53.0	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	27.6
965	1377.28	504.21	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	53.0	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	29.4

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
350	1306.86	474.32	101.04	0	D	A	70.6	13.2	0.0	0.0	0.0	52.9	0.5	-2.6	0.0	0.0	10.6	0.0	0.0	22.3
350	1306.86	474.32	101.04	0	N	A	-34.1	13.2	0.0	0.0	0.0	52.9	0.5	-2.6	0.0	0.0	10.6	0.0	0.0	-82.4
350	1306.86	474.32	101.04	0	E	A	65.9	13.2	0.0	0.0	0.0	52.9	0.5	-2.6	0.0	0.0	10.6	0.0	0.0	17.6
359	1302.11	489.22	100.97	0	D	A	70.6	10.2	0.0	0.0	0.0	51.8	0.5	-2.4	0.0	0.0	11.4	0.0	0.0	19.7
359	1302.11	489.22	100.97	0	N	A	-34.1	10.2	0.0	0.0	0.0	51.8	0.5	-2.4	0.0	0.0	11.4	0.0	0.0	-85.1
359	1302.11	489.22	100.97	0	E	A	65.9	10.2	0.0	0.0	0.0	51.8	0.5	-2.4	0.0	0.0	11.4	0.0	0.0	14.9
395	1296.98	505.32	100.91	0	D	A	70.6	13.7	0.0	0.0	0.0	50.4	0.4	-2.3	0.0	0.0	11.7	0.0	0.0	24.1
395	1296.98	505.32	100.91	0	N	A	-34.1	13.7	0.0	0.0	0.0	50.4	0.4	-2.3	0.0	0.0	11.7	0.0	0.0	-80.7
395	1296.98	505.32	100.91	0	E	A	65.9	13.7	0.0	0.0	0.0	50.4	0.4	-2.3	0.0	0.0	11.7	0.0	0.0	19.3
402	1293.11	517.46	100.86	0	D	A	70.6	3.4	0.0	0.0	0.0	49.2	0.4	-2.3	0.0	0.0	14.3	0.0	0.0	12.5
402	1293.11	517.46	100.86	0	N	A	-34.1	3.4	0.0	0.0	0.0	49.2	0.4	-2.3	0.0	0.0	14.3	0.0	0.0	-92.3
402	1293.11	517.46	100.86	0	E	A	65.9	3.4	0.0	0.0	0.0	49.2	0.4	-2.3	0.0	0.0	14.3	0.0	0.0	7.7
410	1292.31	519.95	100.85	0	D	A	70.6	4.8	0.0	0.0	0.0	48.9	0.3	-2.3	0.0	0.0	14.4	0.0	0.0	14.0
410	1292.31	519.95	100.85	0	N	A	-34.1	4.8	0.0	0.0	0.0	48.9	0.3	-2.3	0.0	0.0	14.4	0.0	0.0	-90.7
410	1292.31	519.95	100.85	0	E	A	65.9	4.8	0.0	0.0	0.0	48.9	0.3	-2.3	0.0	0.0	14.4	0.0	0.0	9.3
419	1291.19	523.48	100.83	0	D	A	70.6	6.4	0.0	0.0	0.0	48.5	0.3	-2.2	0.0	0.0	14.7	0.0	0.0	15.7
419	1291.19	523.48	100.83	0	N	A	-34.1	6.4	0.0	0.0	0.0	48.5	0.3	-2.2	0.0	0.0	14.7	0.0	0.0	-89.0
419	1291.19	523.48	100.83	0	E	A	65.9	6.4	0.0	0.0	0.0	48.5	0.3	-2.2	0.0	0.0	14.7	0.0	0.0	11.0
421	1287.91	533.77	100.79	0	D	A	70.6	12.4	0.0	0.0	0.0	47.3	0.3	-1.5	0.0	0.0	14.7	0.0	0.0	22.2
421	1287.91	533.77	100.79	0	N	A	-34.1	12.4	0.0	0.0	0.0	47.3	0.3	-1.5	0.0	0.0	14.7	0.0	0.0	-82.6
421	1287.91	533.77	100.79	0	E	A	65.9	12.4	0.0	0.0	0.0	47.3	0.3	-1.5	0.0	0.0	14.7	0.0	0.0	17.4
423	1285.11	542.53	100.76	0	D	A	70.6	0.7	0.0	0.0	0.0	46.1	0.3	-0.7	0.0	0.0	12.6	0.0	0.0	13.0
423	1285.11	542.53	100.76	0	N	A	-34.1	0.7	0.0	0.0	0.0	46.1	0.3	-0.7	0.0	0.0	12.6	0.0	0.0	-91.8
423	1285.11	542.53	100.76	0	E	A	65.9	0.7	0.0	0.0	0.0	46.1	0.3	-0.7	0.0	0.0	12.6	0.0	0.0	8.2
431	1284.23	545.30	100.74	0	D	A	70.6	6.7	0.0	0.0	0.0	45.7	0.2	-0.3	0.0	0.0	9.6	0.0	0.0	22.0
431	1284.23	545.30	100.74	0	N	A	-34.1	6.7	0.0	0.0	0.0	45.7	0.2	-0.3	0.0	0.0	9.6	0.0	0.0	-82.8
431	1284.23	545.30	100.74	0	E	A	65.9	6.7	0.0	0.0	0.0	45.7	0.2	-0.3	0.0	0.0	9.6	0.0	0.0	17.2
433	1283.18	548.61	100.73	0	D	A	70.6	3.6	0.0	0.0	0.0	45.2	0.2	-0.2	0.0	0.0	10.9	0.0	0.0	18.1
433	1283.18	548.61	100.73	0	N	A	-34.1	3.6	0.0	0.0	0.0	45.2	0.2	-0.2	0.0	0.0	10.9	0.0	0.0	-86.7
433	1283.18	548.61	100.73	0	E	A	65.9	3.6	0.0	0.0	0.0	45.2	0.2	-0.2	0.0	0.0	10.9	0.0	0.0	13.3

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
435	1282.56	550.54	100.72	0	D	A	70.6	2.4	0.0	0.0	0.0	44.9	0.2	0.2	0.0	0.0	11.3	0.0	0.0	16.4
435	1282.56	550.54	100.72	0	N	A	-34.1	2.4	0.0	0.0	0.0	44.9	0.2	0.2	0.0	0.0	11.3	0.0	0.0	-88.3
435	1282.56	550.54	100.72	0	E	A	65.9	2.4	0.0	0.0	0.0	44.9	0.2	0.2	0.0	0.0	11.3	0.0	0.0	11.7
967	1321.06	432.57	101.13	0	D	A	70.6	13.5	0.0	0.0	0.0	55.5	0.7	-2.6	0.0	0.0	8.1	0.0	0.0	22.4
967	1321.06	432.57	101.13	0	N	A	-34.1	13.5	0.0	0.0	0.0	55.5	0.7	-2.6	0.0	0.0	8.1	0.0	0.0	-82.4
967	1321.06	432.57	101.13	0	E	A	65.9	13.5	0.0	0.0	0.0	55.5	0.7	-2.6	0.0	0.0	8.1	0.0	0.0	17.6
971	1316.99	444.31	101.11	0	D	A	70.6	4.0	0.0	0.0	0.0	54.8	0.6	-2.6	0.0	0.0	9.4	0.0	0.0	12.3
971	1316.99	444.31	101.11	0	N	A	-34.1	4.0	0.0	0.0	0.0	54.8	0.6	-2.6	0.0	0.0	9.4	0.0	0.0	-92.5
971	1316.99	444.31	101.11	0	E	A	65.9	4.0	0.0	0.0	0.0	54.8	0.6	-2.6	0.0	0.0	9.4	0.0	0.0	7.5
973	1313.30	454.96	101.09	0	D	A	70.6	13.0	0.0	0.0	0.0	54.2	0.6	-2.6	0.0	0.0	9.8	0.0	0.0	21.7
973	1313.30	454.96	101.09	0	N	A	-34.1	13.0	0.0	0.0	0.0	54.2	0.6	-2.6	0.0	0.0	9.8	0.0	0.0	-83.1
973	1313.30	454.96	101.09	0	E	A	65.9	13.0	0.0	0.0	0.0	54.2	0.6	-2.6	0.0	0.0	9.8	0.0	0.0	16.9

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
985	1372.24	498.96	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	53.0	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	29.8
985	1372.24	498.96	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	53.0	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	26.8
985	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	53.0	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
989	1397.02	510.51	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	53.6	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	29.1
989	1397.02	510.51	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	53.6	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	26.1
989	1397.02	510.51	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	53.6	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	27.9

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
992	1397.02	506.10	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	53.8	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	29.0
992	1397.02	506.10	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	53.8	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	26.0
992	1397.02	506.10	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	53.8	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	27.8

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
994	1424.96	513.03	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	54.9	0.9	-2.2	0.0	0.0	0.0	0.0	0.0	28.6
994	1424.96	513.03	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	54.9	0.9	-2.2	0.0	0.0	0.0	0.0	0.0	25.6
994	1424.96	513.03	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	54.9	0.9	-2.2	0.0	0.0	0.0	0.0	0.0	27.3

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
998	1405.42	511.56	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	54.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	28.8
998	1405.42	511.56	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	54.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	25.8
998	1405.42	511.56	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.0	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	27.5

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
24	1284.19	558.40	100.23	0	D	A	66.5	1.1	0.0	0.0	0.0	43.5	0.2	0.9	0.0	0.0	14.8	0.0	0.0	8.2
24	1284.19	558.40	100.23	0	N	A	-46.5	1.1	0.0	0.0	0.0	43.5	0.2	0.9	0.0	0.0	14.8	0.0	0.0	-104.8
24	1284.19	558.40	100.23	0	E	A	63.5	1.1	0.0	0.0	0.0	43.5	0.2	0.9	0.0	0.0	14.8	0.0	0.0	5.2
26	1285.33	558.80	100.23	0	D	A	66.5	0.5	0.0	0.0	0.0	43.3	0.2	0.6	0.0	0.0	15.1	0.0	0.0	7.7
26	1285.33	558.80	100.23	0	N	A	-46.5	0.5	0.0	0.0	0.0	43.3	0.2	0.6	0.0	0.0	15.1	0.0	0.0	-105.3
26	1285.33	558.80	100.23	0	E	A	63.5	0.5	0.0	0.0	0.0	43.3	0.2	0.6	0.0	0.0	15.1	0.0	0.0	4.7
28	1286.66	559.28	100.23	0	D	A	66.5	2.3	0.0	0.0	0.0	43.2	0.2	0.9	0.0	0.0	14.9	0.0	0.0	9.7
28	1286.66	559.28	100.23	0	N	A	-46.5	2.3	0.0	0.0	0.0	43.2	0.2	0.9	0.0	0.0	14.9	0.0	0.0	-103.3
28	1286.66	559.28	100.23	0	E	A	63.5	2.3	0.0	0.0	0.0	43.2	0.2	0.9	0.0	0.0	14.9	0.0	0.0	6.7
29	1289.78	560.41	100.23	0	D	A	66.5	6.9	0.0	0.0	0.0	42.9	0.2	0.8	0.0	0.0	15.0	0.0	0.0	14.5
29	1289.78	560.41	100.23	0	N	A	-46.5	6.9	0.0	0.0	0.0	42.9	0.2	0.8	0.0	0.0	15.0	0.0	0.0	-98.5
29	1289.78	560.41	100.23	0	E	A	63.5	6.9	0.0	0.0	0.0	42.9	0.2	0.8	0.0	0.0	15.0	0.0	0.0	11.5
35	1292.70	561.46	100.23	0	D	A	66.5	1.0	0.0	0.0	0.0	42.6	0.2	0.8	0.0	0.0	15.1	0.0	0.0	8.9

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
35	1292.70	561.46	100.23	0	N	A	-46.5	1.0	0.0	0.0	0.0	42.6	0.2	0.8	0.0	0.0	15.1	0.0	0.0	-104.1
35	1292.70	561.46	100.23	0	E	A	63.5	1.0	0.0	0.0	0.0	42.6	0.2	0.8	0.0	0.0	15.1	0.0	0.0	5.9
38	1295.05	562.30	100.23	0	D	A	66.5	5.7	0.0	0.0	0.0	42.4	0.2	0.8	0.0	0.0	15.1	0.0	0.0	13.8
38	1295.05	562.30	100.23	0	N	A	-46.5	5.7	0.0	0.0	0.0	42.4	0.2	0.8	0.0	0.0	15.1	0.0	0.0	-99.3
38	1295.05	562.30	100.23	0	E	A	63.5	5.7	0.0	0.0	0.0	42.4	0.2	0.8	0.0	0.0	15.1	0.0	0.0	10.7
44	1297.88	563.32	100.23	0	D	A	66.5	3.6	0.0	0.0	0.0	42.2	0.2	0.7	0.0	0.0	15.2	0.0	0.0	11.8
44	1297.88	563.32	100.23	0	N	A	-46.5	3.6	0.0	0.0	0.0	42.2	0.2	0.7	0.0	0.0	15.2	0.0	0.0	-101.2
44	1297.88	563.32	100.23	0	E	A	63.5	3.6	0.0	0.0	0.0	42.2	0.2	0.7	0.0	0.0	15.2	0.0	0.0	8.8
56	1299.56	563.92	100.23	0	D	A	66.5	1.1	0.0	0.0	0.0	42.2	0.2	0.7	0.0	0.0	15.2	0.0	0.0	9.3
56	1299.56	563.92	100.23	0	N	A	-46.5	1.1	0.0	0.0	0.0	42.2	0.2	0.7	0.0	0.0	15.2	0.0	0.0	-103.7
56	1299.56	563.92	100.23	0	E	A	63.5	1.1	0.0	0.0	0.0	42.2	0.2	0.7	0.0	0.0	15.2	0.0	0.0	6.3
64	1300.67	564.32	100.23	0	D	A	66.5	0.4	0.0	0.0	0.0	42.1	0.2	0.7	0.0	0.0	15.2	0.0	0.0	8.7
64	1300.67	564.32	100.23	0	N	A	-46.5	0.4	0.0	0.0	0.0	42.1	0.2	0.7	0.0	0.0	15.2	0.0	0.0	-104.3
64	1300.67	564.32	100.23	0	E	A	63.5	0.4	0.0	0.0	0.0	42.1	0.2	0.7	0.0	0.0	15.2	0.0	0.0	5.7
83	1301.70	564.69	100.23	0	D	A	66.5	0.3	0.0	0.0	0.0	42.1	0.2	0.7	0.0	0.0	15.1	0.0	0.0	8.7
83	1301.70	564.69	100.23	0	N	A	-46.5	0.3	0.0	0.0	0.0	42.1	0.2	0.7	0.0	0.0	15.1	0.0	0.0	-104.3
83	1301.70	564.69	100.23	0	E	A	63.5	0.3	0.0	0.0	0.0	42.1	0.2	0.7	0.0	0.0	15.1	0.0	0.0	5.7
92	1302.84	565.10	100.23	0	D	A	66.5	1.3	0.0	0.0	0.0	42.1	0.2	1.0	0.0	0.0	14.9	0.0	0.0	9.8
92	1302.84	565.10	100.23	0	N	A	-46.5	1.3	0.0	0.0	0.0	42.1	0.2	1.0	0.0	0.0	14.9	0.0	0.0	-103.2
92	1302.84	565.10	100.23	0	E	A	63.5	1.3	0.0	0.0	0.0	42.1	0.2	1.0	0.0	0.0	14.9	0.0	0.0	6.8
100	1305.18	565.94	100.23	0	D	A	66.5	5.6	0.0	0.0	0.0	42.0	0.2	0.6	0.0	0.0	15.2	0.0	0.0	14.1
100	1305.18	565.94	100.23	0	N	A	-46.5	5.6	0.0	0.0	0.0	42.0	0.2	0.6	0.0	0.0	15.2	0.0	0.0	-98.9
100	1305.18	565.94	100.23	0	E	A	63.5	5.6	0.0	0.0	0.0	42.0	0.2	0.6	0.0	0.0	15.2	0.0	0.0	11.1
102	1309.08	567.35	100.23	0	D	A	66.5	6.7	0.0	0.0	0.0	42.1	0.2	0.9	0.0	0.0	14.9	0.0	0.0	15.2
102	1309.08	567.35	100.23	0	N	A	-46.5	6.7	0.0	0.0	0.0	42.1	0.2	0.9	0.0	0.0	14.9	0.0	0.0	-97.8
102	1309.08	567.35	100.23	0	E	A	63.5	6.7	0.0	0.0	0.0	42.1	0.2	0.9	0.0	0.0	14.9	0.0	0.0	12.2
117	1312.10	568.43	100.23	0	D	A	66.5	2.3	0.0	0.0	0.0	42.2	0.2	0.9	0.0	0.0	14.8	0.0	0.0	10.8
117	1312.10	568.43	100.23	0	N	A	-46.5	2.3	0.0	0.0	0.0	42.2	0.2	0.9	0.0	0.0	14.8	0.0	0.0	-102.3
117	1312.10	568.43	100.23	0	E	A	63.5	2.3	0.0	0.0	0.0	42.2	0.2	0.9	0.0	0.0	14.8	0.0	0.0	7.7
131	1313.58	568.96	100.23	0	D	A	66.5	1.5	0.0	0.0	0.0	42.3	0.2	0.5	0.0	0.0	15.1	0.0	0.0	9.9
131	1313.58	568.96	100.23	0	N	A	-46.5	1.5	0.0	0.0	0.0	42.3	0.2	0.5	0.0	0.0	15.1	0.0	0.0	-103.1
131	1313.58	568.96	100.23	0	E	A	63.5	1.5	0.0	0.0	0.0	42.3	0.2	0.5	0.0	0.0	15.1	0.0	0.0	6.9
139	1316.81	570.12	100.23	0	D	A	66.5	7.3	0.0	0.0	0.0	42.5	0.2	0.8	0.0	0.0	14.6	0.0	0.0	15.7
139	1316.81	570.12	100.23	0	N	A	-46.5	7.3	0.0	0.0	0.0	42.5	0.2	0.8	0.0	0.0	14.6	0.0	0.0	-97.3
139	1316.81	570.12	100.23	0	E	A	63.5	7.3	0.0	0.0	0.0	42.5	0.2	0.8	0.0	0.0	14.6	0.0	0.0	12.7
153	1322.68	572.24	100.23	0	D	A	66.5	8.5	0.0	0.0	0.0	43.1	0.2	0.9	0.0	0.0	14.1	0.0	0.0	16.7
153	1322.68	572.24	100.23	0	N	A	-46.5	8.5	0.0	0.0	0.0	43.1	0.2	0.9	0.0	0.0	14.1	0.0	0.0	-96.3
153	1322.68	572.24	100.23	0	E	A	63.5	8.5	0.0	0.0	0.0	43.1	0.2	0.9	0.0	0.0	14.1	0.0	0.0	13.7
161	1327.94	574.13	100.23	0	D	A	66.5	6.1	0.0	0.0	0.0	43.7	0.2	0.7	0.0	0.0	13.9	0.0	0.0	14.2
161	1327.94	574.13	100.23	0	N	A	-46.5	6.1	0.0	0.0	0.0	43.7	0.2	0.7	0.0	0.0	13.9	0.0	0.0	-98.8
161	1327.94	574.13	100.23	0	E	A	63.5	6.1	0.0	0.0	0.0	43.7	0.2	0.7	0.0	0.0	13.9	0.0	0.0	11.2
170	1330.56	575.07	100.23	0	D	A	66.5	1.7	0.0	0.0	0.0	44.0	0.2	1.1	0.0	0.0	13.2	0.0	0.0	9.6
170	1330.56	575.07	100.23	0	N	A	-46.5	1.7	0.0	0.0	0.0	44.0	0.2	1.1	0.0	0.0	13.2	0.0	0.0	-103.4
170	1330.56	575.07	100.23	0	E	A	63.5	1.7	0.0	0.0	0.0	44.0	0.2	1.1	0.0	0.0	13.2	0.0	0.0	6.6
186	1331.83	575.53	100.23	0	D	A	66.5	0.9	0.0	0.0	0.0	44.2	0.2	0.9	0.0	0.0	13.4	0.0	0.0	8.8
186	1331.83	575.53	100.23	0	N	A	-46.5	0.9	0.0	0.0	0.0	44.2	0.2	0.9	0.0	0.0	13.4	0.0	0.0	-104.2
186	1331.83	575.53	100.23	0	E	A	63.5	0.9	0.0	0.0	0.0	44.2	0.2	0.9	0.0	0.0	13.4	0.0	0.0	5.8
195	1333.06	575.97	100.23	0	D	A	66.5	1.4	0.0	0.0	0.0	44.3	0.3	0.6	0.0	0.0	13.5	0.0	0.0	9.3
195	1333.06	575.97	100.23	0	N	A	-46.5	1.4	0.0	0.0	0.0	44.3	0.3	0.6	0.0	0.0	13.5	0.0	0.0	-103.7
195	1333.06	575.97	100.23	0	E	A	63.5	1.4	0.0	0.0	0.0	44.3	0.3	0.6	0.0	0.0	13.5	0.0	0.0	6.3
203	1334.98	576.66	100.23	0	D	A	66.5	4.3	0.0	0.0	0.0	44.6	0.3	0.6	0.0	0.0	13.3	0.0	0.0	12.1
203	1334.98	576.66	100.23	0	N	A	-46.5	4.3	0.0	0.0	0.0	44.6	0.3	0.6	0.0	0.0	13.3	0.0	0.0	-100.9
203	1334.98	576.66	100.23	0	E	A	63.5	4.3	0.0	0.0	0.0	44.6	0.3	0.6	0.0	0.0	13.3	0.0	0.0	9.1
205	1338.37	577.87	100.23	0	D	A	66.5	6.5	0.0	0.0	0.0	45.0	0.3	1.1	0.0	0.0	12.4	0.0	0.0	14.4
205	1338.37	577.87	100.23	0	N	A	-46.5	6.5	0.0	0.0	0.0	45.0	0.3	1.1	0.0	0.0	12.4	0.0	0.0	-98.6
205	1338.37	577.87	100.23	0	E	A	63.5	6.5	0.0	0.0	0.0	45.0	0.3	1.1	0.0	0.0	12.4	0.0	0.0	11.4
213	1342.24	579.27	100.23	0	D	A	66.5	5.7	0.0	0.0	0.0	45.5	0.3	0.8	0.0	0.0	11.9	0.0	0.0	13.8
213	1342.24	579.27	100.23	0	N	A	-46.5	5.7	0.0	0.0	0.0	45.5	0.3	0.8	0.0	0.0	11.9	0.0	0.0	-99.3
213	1342.24	579.27	100.23	0	E	A	63.5	5.7	0.0	0.0	0.0	45.5	0.3	0.8	0.0	0.0	11.9	0.0	0.0	10.7
248	1345.92	580.59	100.23	0	D	A	66.5	6.1	0.0	0.0	0.0	46.0	0.3	0.9	0.0	0.0	11.1	0.0	0.0	14.3
248	1345.92	580.59	100.23	0	N	A	-46.5	6.1	0.0	0.0	0.0	46.0	0.3	0.9	0.0	0.0	11.1	0.0	0.0	-98.7
248	1345.92	580.59	100.23	0	E	A	63.5	6.1	0.0	0.0	0.0	46.0	0.3	0.9	0.0	0.0	11.1	0.0	0.0	11.3
251	1349.92	582.03	100.23	0	D	A	66.5	6.4	0.0	0.0	0.0	46.5	0.3	0.7	0.0	0.0	10.7	0.0	0.0	14.8

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
251	1349.92	582.03	100.23	0	N	A	-46.5	6.4	0.0	0.0	0.0	46.5	0.3	0.7	0.0	0.0	10.7	0.0	0.0	-98.3
251	1349.92	582.03	100.23	0	E	A	63.5	6.4	0.0	0.0	0.0	46.5	0.3	0.7	0.0	0.0	10.7	0.0	0.0	11.7
252	1352.53	582.97	100.23	0	D	A	66.5	0.6	0.0	0.0	0.0	46.8	0.3	0.8	0.0	0.0	10.2	0.0	0.0	9.0
252	1352.53	582.97	100.23	0	N	A	-46.5	0.6	0.0	0.0	0.0	46.8	0.3	0.8	0.0	0.0	10.2	0.0	0.0	-104.0
252	1352.53	582.97	100.23	0	E	A	63.5	0.6	0.0	0.0	0.0	46.8	0.3	0.8	0.0	0.0	10.2	0.0	0.0	6.0
253	1353.64	583.37	100.23	0	D	A	66.5	0.8	0.0	0.0	0.0	46.9	0.3	0.5	0.0	0.0	10.3	0.0	0.0	9.2
253	1353.64	583.37	100.23	0	N	A	-46.5	0.8	0.0	0.0	0.0	46.9	0.3	0.5	0.0	0.0	10.3	0.0	0.0	-103.8
253	1353.64	583.37	100.23	0	E	A	63.5	0.8	0.0	0.0	0.0	46.9	0.3	0.5	0.0	0.0	10.3	0.0	0.0	6.2
254	1356.42	584.37	100.23	0	D	A	66.5	6.7	0.0	0.0	0.0	47.3	0.3	0.3	0.0	0.0	10.1	0.0	0.0	15.2
254	1356.42	584.37	100.23	0	N	A	-46.5	6.7	0.0	0.0	0.0	47.3	0.3	0.3	0.0	0.0	10.1	0.0	0.0	-97.8
254	1356.42	584.37	100.23	0	E	A	63.5	6.7	0.0	0.0	0.0	47.3	0.3	0.3	0.0	0.0	10.1	0.0	0.0	12.2
256	1360.16	585.71	100.23	0	D	A	66.5	5.1	0.0	0.0	0.0	47.7	0.4	0.6	0.0	0.0	9.2	0.0	0.0	13.7
256	1360.16	585.71	100.23	0	N	A	-46.5	5.1	0.0	0.0	0.0	47.7	0.4	0.6	0.0	0.0	9.2	0.0	0.0	-99.3
256	1360.16	585.71	100.23	0	E	A	63.5	5.1	0.0	0.0	0.0	47.7	0.4	0.6	0.0	0.0	9.2	0.0	0.0	10.7
265	1362.48	586.54	100.23	0	D	A	66.5	2.2	0.0	0.0	0.0	48.0	0.4	0.4	0.0	0.0	9.2	0.0	0.0	10.9
265	1362.48	586.54	100.23	0	N	A	-46.5	2.2	0.0	0.0	0.0	48.0	0.4	0.4	0.0	0.0	9.2	0.0	0.0	-102.2
265	1362.48	586.54	100.23	0	E	A	63.5	2.2	0.0	0.0	0.0	48.0	0.4	0.4	0.0	0.0	9.2	0.0	0.0	7.8
296	1364.28	587.19	100.23	0	D	A	66.5	3.3	0.0	0.0	0.0	48.2	0.4	1.0	0.0	0.0	8.3	0.0	0.0	12.0
296	1364.28	587.19	100.23	0	N	A	-46.5	3.3	0.0	0.0	0.0	48.2	0.4	1.0	0.0	0.0	8.3	0.0	0.0	-101.0
296	1364.28	587.19	100.23	0	E	A	63.5	3.3	0.0	0.0	0.0	48.2	0.4	1.0	0.0	0.0	8.3	0.0	0.0	9.0
306	1365.94	587.79	100.23	0	D	A	66.5	1.3	0.0	0.0	0.0	48.4	0.4	0.7	0.0	0.0	8.3	0.0	0.0	10.1
306	1365.94	587.79	100.23	0	N	A	-46.5	1.3	0.0	0.0	0.0	48.4	0.4	0.7	0.0	0.0	8.3	0.0	0.0	-102.9
306	1365.94	587.79	100.23	0	E	A	63.5	1.3	0.0	0.0	0.0	48.4	0.4	0.7	0.0	0.0	8.3	0.0	0.0	7.1
308	1367.28	588.27	100.23	0	D	A	66.5	1.8	0.0	0.0	0.0	48.5	0.4	0.4	0.0	0.0	8.5	0.0	0.0	10.5
308	1367.28	588.27	100.23	0	N	A	-46.5	1.8	0.0	0.0	0.0	48.5	0.4	0.4	0.0	0.0	8.5	0.0	0.0	-102.5
308	1367.28	588.27	100.23	0	E	A	63.5	1.8	0.0	0.0	0.0	48.5	0.4	0.4	0.0	0.0	8.5	0.0	0.0	7.5
323	1385.83	594.94	100.24	0	D	A	66.5	15.8	0.0	0.0	0.0	50.3	0.5	0.3	0.0	0.0	7.1	0.0	0.0	24.1
323	1385.83	594.94	100.24	0	N	A	-46.5	15.8	0.0	0.0	0.0	50.3	0.5	0.3	0.0	0.0	7.1	0.0	0.0	-88.9
323	1385.83	594.94	100.24	0	E	A	63.5	15.8	0.0	0.0	0.0	50.3	0.5	0.3	0.0	0.0	7.1	0.0	0.0	21.1
453	1314.06	471.73	100.89	0	D	A	66.5	10.4	0.0	0.0	0.0	53.2	0.6	-2.6	0.0	0.0	16.0	0.0	0.0	9.8
453	1314.06	471.73	100.89	0	N	A	-46.5	10.4	0.0	0.0	0.0	53.2	0.6	-2.6	0.0	0.0	16.0	0.0	0.0	-103.2
453	1314.06	471.73	100.89	0	E	A	63.5	10.4	0.0	0.0	0.0	53.2	0.6	-2.6	0.0	0.0	16.0	0.0	0.0	6.8
462	1311.91	477.83	100.84	0	D	A	66.5	2.8	0.0	0.0	0.0	52.7	0.6	-2.6	0.0	0.0	17.9	0.0	0.0	0.8
462	1311.91	477.83	100.84	0	N	A	-46.5	2.8	0.0	0.0	0.0	52.7	0.6	-2.6	0.0	0.0	17.9	0.0	0.0	-112.3
462	1311.91	477.83	100.84	0	E	A	63.5	2.8	0.0	0.0	0.0	52.7	0.6	-2.6	0.0	0.0	17.9	0.0	0.0	-2.3
483	1308.98	486.16	100.78	0	D	A	66.5	12.0	0.0	0.0	0.0	52.1	0.6	-2.6	0.0	0.0	18.6	0.0	0.0	9.8
483	1308.98	486.16	100.78	0	N	A	-46.5	12.0	0.0	0.0	0.0	52.1	0.6	-2.6	0.0	0.0	18.6	0.0	0.0	-103.2
483	1308.98	486.16	100.78	0	E	A	63.5	12.0	0.0	0.0	0.0	52.1	0.6	-2.6	0.0	0.0	18.6	0.0	0.0	6.8
492	1304.04	500.14	100.67	0	D	A	66.5	11.4	0.0	0.0	0.0	50.9	0.5	-2.5	0.0	0.0	18.0	0.0	0.0	11.0
492	1304.04	500.14	100.67	0	N	A	-46.5	11.4	0.0	0.0	0.0	50.9	0.5	-2.5	0.0	0.0	18.0	0.0	0.0	-102.0
492	1304.04	500.14	100.67	0	E	A	63.5	11.4	0.0	0.0	0.0	50.9	0.5	-2.5	0.0	0.0	18.0	0.0	0.0	8.0
494	1300.17	511.13	100.59	0	D	A	66.5	9.7	0.0	0.0	0.0	49.9	0.4	-2.4	0.0	0.0	16.6	0.0	0.0	11.7
494	1300.17	511.13	100.59	0	N	A	-46.5	9.7	0.0	0.0	0.0	49.9	0.4	-2.4	0.0	0.0	16.6	0.0	0.0	-101.3
494	1300.17	511.13	100.59	0	E	A	63.5	9.7	0.0	0.0	0.0	49.9	0.4	-2.4	0.0	0.0	16.6	0.0	0.0	8.7
496	1298.01	517.27	100.54	0	D	A	66.5	5.6	0.0	0.0	0.0	49.2	0.4	-2.4	0.0	0.0	19.9	0.0	0.0	4.9
496	1298.01	517.27	100.54	0	N	A	-46.5	5.6	0.0	0.0	0.0	49.2	0.4	-2.4	0.0	0.0	19.9	0.0	0.0	-108.1
496	1298.01	517.27	100.54	0	E	A	63.5	5.6	0.0	0.0	0.0	49.2	0.4	-2.4	0.0	0.0	19.9	0.0	0.0	1.9
498	1295.17	525.33	100.48	0	D	A	66.5	11.3	0.0	0.0	0.0	48.3	0.4	-2.3	0.0	0.0	20.1	0.0	0.0	11.4
498	1295.17	525.33	100.48	0	N	A	-46.5	11.3	0.0	0.0	0.0	48.3	0.4	-2.3	0.0	0.0	20.1	0.0	0.0	-101.6
498	1295.17	525.33	100.48	0	E	A	63.5	11.3	0.0	0.0	0.0	48.3	0.4	-2.3	0.0	0.0	20.1	0.0	0.0	8.4
500	1292.54	532.76	100.42	0	D	A	66.5	3.7	0.0	0.0	0.0	47.4	0.3	-2.3	0.0	0.0	20.2	0.0	0.0	4.6
500	1292.54	532.76	100.42	0	N	A	-46.5	3.7	0.0	0.0	0.0	47.4	0.3	-2.3	0.0	0.0	20.2	0.0	0.0	-108.4
500	1292.54	532.76	100.42	0	E	A	63.5	3.7	0.0	0.0	0.0	47.4	0.3	-2.3	0.0	0.0	20.2	0.0	0.0	1.6
502	1291.59	535.46	100.40	0	D	A	66.5	5.3	0.0	0.0	0.0	47.0	0.3	-2.2	0.0	0.0	20.2	0.0	0.0	6.5
502	1291.59	535.46	100.40	0	N	A	-46.5	5.3	0.0	0.0	0.0	47.0	0.3	-2.2	0.0	0.0	20.2	0.0	0.0	-106.5
502	1291.59	535.46	100.40	0	E	A	63.5	5.3	0.0	0.0	0.0	47.0	0.3	-2.2	0.0	0.0	20.2	0.0	0.0	3.5
510	1288.76	543.49	100.34	0	D	A	66.5	11.4	0.0	0.0	0.0	45.9	0.3	-1.5	0.0	0.0	19.6	0.0	0.0	13.6
510	1288.76	543.49	100.34	0	N	A	-46.5	11.4	0.0	0.0	0.0	45.9	0.3	-1.5	0.0	0.0	19.6	0.0	0.0	-99.5
510	1288.76	543.49	100.34	0	E	A	63.5	11.4	0.0	0.0	0.0	45.9	0.3	-1.5	0.0	0.0	19.6	0.0	0.0	10.5
512	1286.28	550.52	100.29	0	D	A	66.5	0.9	0.0	0.0	0.0	44.8	0.3	-0.4	0.0	0.0	18.0	0.0	0.0	4.8
512	1286.28	550.52	100.29	0	N	A	-46.5	0.9	0.0	0.0	0.0	44.8	0.3	-0.4	0.0	0.0	18.0	0.0	0.0	-108.3
512	1286.28	550.52	100.29	0	E	A	63.5	0.9	0.0	0.0	0.0	44.8	0.3	-0.4	0.0	0.0	18.0	0.0	0.0	1.7
522	1285.50	552.74	100.27	0	D	A	66.5	5.4	0.0	0.0	0.0	44.5	0.3	-0.1	0.0	0.0	13.0	0.0	0.0	14.4

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
522	1285.50	552.74	100.27	0	N	A	-46.5	5.4	0.0	0.0	0.0	44.5	0.3	-0.1	0.0	0.0	13.0	0.0	0.0	-98.7
522	1285.50	552.74	100.27	0	E	A	63.5	5.4	0.0	0.0	0.0	44.5	0.3	-0.1	0.0	0.0	13.0	0.0	0.0	11.3
530	1284.60	555.28	100.25	0	D	A	66.5	2.8	0.0	0.0	0.0	44.0	0.2	0.7	0.0	0.0	13.4	0.0	0.0	10.9
530	1284.60	555.28	100.25	0	N	A	-46.5	2.8	0.0	0.0	0.0	44.0	0.2	0.7	0.0	0.0	13.4	0.0	0.0	-102.1
530	1284.60	555.28	100.25	0	E	A	63.5	2.8	0.0	0.0	0.0	44.0	0.2	0.7	0.0	0.0	13.4	0.0	0.0	7.9
545	1283.94	557.18	100.24	0	D	A	66.5	3.3	0.0	0.0	0.0	43.7	0.2	0.9	0.0	0.0	14.2	0.0	0.0	10.7
545	1283.94	557.18	100.24	0	N	A	-46.5	3.3	0.0	0.0	0.0	43.7	0.2	0.9	0.0	0.0	14.2	0.0	0.0	-102.3
545	1283.94	557.18	100.24	0	E	A	63.5	3.3	0.0	0.0	0.0	43.7	0.2	0.9	0.0	0.0	14.2	0.0	0.0	7.7
977	1418.66	606.61	100.24	0	D	A	66.5	15.0	0.0	0.0	0.0	53.0	0.6	-0.8	0.0	0.0	5.8	0.0	0.0	23.0
977	1418.66	606.61	100.24	0	N	A	-46.5	15.0	0.0	0.0	0.0	53.0	0.6	-0.8	0.0	0.0	5.8	0.0	0.0	-90.0
977	1418.66	606.61	100.24	0	E	A	63.5	15.0	0.0	0.0	0.0	53.0	0.6	-0.8	0.0	0.0	5.8	0.0	0.0	20.0
981	1446.81	616.48	100.25	0	D	A	66.5	14.5	0.0	0.0	0.0	54.8	0.7	-1.0	0.0	0.0	0.0	0.0	0.0	26.5
981	1446.81	616.48	100.25	0	N	A	-46.5	14.5	0.0	0.0	0.0	54.8	0.7	-1.0	0.0	0.0	0.0	0.0	0.0	-86.5
981	1446.81	616.48	100.25	0	E	A	63.5	14.5	0.0	0.0	0.0	54.8	0.7	-1.0	0.0	0.0	0.0	0.0	0.0	23.5
1002	1467.54	618.55	100.22	0	D	A	66.5	12.0	0.0	0.0	0.0	55.9	0.8	-1.5	0.0	0.0	0.0	0.0	0.0	23.4
1002	1467.54	618.55	100.22	0	N	A	-46.5	12.0	0.0	0.0	0.0	55.9	0.8	-1.5	0.0	0.0	0.0	0.0	0.0	-89.6
1002	1467.54	618.55	100.22	0	E	A	63.5	12.0	0.0	0.0	0.0	55.9	0.8	-1.5	0.0	0.0	0.0	0.0	0.0	20.4
1005	1480.51	614.19	100.16	0	D	A	66.5	10.6	0.0	0.0	0.0	56.5	0.9	-1.9	0.0	0.0	0.0	0.0	0.0	21.6
1005	1480.51	614.19	100.16	0	N	A	-46.5	10.6	0.0	0.0	0.0	56.5	0.9	-1.9	0.0	0.0	0.0	0.0	0.0	-91.4
1005	1480.51	614.19	100.16	0	E	A	63.5	10.6	0.0	0.0	0.0	56.5	0.9	-1.9	0.0	0.0	0.0	0.0	0.0	18.6
1008	1486.47	612.19	100.13	0	D	A	66.5	0.7	0.0	0.0	0.0	56.7	0.9	-2.0	0.0	0.0	3.6	0.0	0.0	8.0
1008	1486.47	612.19	100.13	0	N	A	-46.5	0.7	0.0	0.0	0.0	56.7	0.9	-2.0	0.0	0.0	3.6	0.0	0.0	-105.0
1008	1486.47	612.19	100.13	0	E	A	63.5	0.7	0.0	0.0	0.0	56.7	0.9	-2.0	0.0	0.0	3.6	0.0	0.0	5.0
1011	1494.55	609.48	100.10	0	D	A	66.5	12.0	0.0	0.0	0.0	57.1	0.9	-2.2	0.0	0.0	6.4	0.0	0.0	16.3
1011	1494.55	609.48	100.10	0	N	A	-46.5	12.0	0.0	0.0	0.0	57.1	0.9	-2.2	0.0	0.0	6.4	0.0	0.0	-96.7
1011	1494.55	609.48	100.10	0	E	A	63.5	12.0	0.0	0.0	0.0	57.1	0.9	-2.2	0.0	0.0	6.4	0.0	0.0	13.3
1015	1502.30	606.17	100.07	0	D	A	66.5	2.1	0.0	0.0	0.0	57.4	0.9	-2.4	0.0	0.0	7.9	0.0	0.0	4.8
1015	1502.30	606.17	100.07	0	N	A	-46.5	2.1	0.0	0.0	0.0	57.4	0.9	-2.4	0.0	0.0	7.9	0.0	0.0	-108.2
1015	1502.30	606.17	100.07	0	E	A	63.5	2.1	0.0	0.0	0.0	57.4	0.9	-2.4	0.0	0.0	7.9	0.0	0.0	1.8
1019	1503.86	600.87	100.09	0	D	A	66.5	9.7	0.0	0.0	0.0	57.5	1.0	-2.4	0.0	0.0	16.4	0.0	0.0	3.9
1019	1503.86	600.87	100.09	0	N	A	-46.5	9.7	0.0	0.0	0.0	57.5	1.0	-2.4	0.0	0.0	16.4	0.0	0.0	-109.1
1019	1503.86	600.87	100.09	0	E	A	63.5	9.7	0.0	0.0	0.0	57.5	1.0	-2.4	0.0	0.0	16.4	0.0	0.0	0.9
1023	1506.06	593.37	100.12	0	D	A	66.5	7.9	0.0	0.0	0.0	57.6	1.0	-2.6	0.0	0.0	17.9	0.0	0.0	0.7
1023	1506.06	593.37	100.12	0	N	A	-46.5	7.9	0.0	0.0	0.0	57.6	1.0	-2.6	0.0	0.0	17.9	0.0	0.0	-112.4
1023	1506.06	593.37	100.12	0	E	A	63.5	7.9	0.0	0.0	0.0	57.6	1.0	-2.6	0.0	0.0	17.9	0.0	0.0	-2.4
1027	1507.19	589.56	100.13	0	D	A	66.5	2.4	0.0	0.0	0.0	57.6	1.0	-2.7	0.0	0.0	18.2	0.0	0.0	-5.1
1027	1507.19	589.56	100.13	0	N	A	-46.5	2.4	0.0	0.0	0.0	57.6	1.0	-2.7	0.0	0.0	18.2	0.0	0.0	-118.2
1027	1507.19	589.56	100.13	0	E	A	63.5	2.4	0.0	0.0	0.0	57.6	1.0	-2.7	0.0	0.0	18.2	0.0	0.0	-8.2
1030	1508.94	583.61	100.16	0	D	A	66.5	10.3	0.0	0.0	0.0	57.7	1.0	-2.4	0.0	0.0	14.1	0.0	0.0	6.5
1030	1508.94	583.61	100.16	0	N	A	-46.5	10.3	0.0	0.0	0.0	57.7	1.0	-2.4	0.0	0.0	14.1	0.0	0.0	-106.5
1030	1508.94	583.61	100.16	0	E	A	63.5	10.3	0.0	0.0	0.0	57.7	1.0	-2.4	0.0	0.0	14.1	0.0	0.0	3.5
1033	1510.61	577.92	100.18	0	D	A	66.5	0.8	0.0	0.0	0.0	57.8	1.0	-2.8	0.0	0.0	12.0	0.0	0.0	-0.7
1033	1510.61	577.92	100.18	0	N	A	-46.5	0.8	0.0	0.0	0.0	57.8	1.0	-2.8	0.0	0.0	12.0	0.0	0.0	-113.7
1033	1510.61	577.92	100.18	0	E	A	63.5	0.8	0.0	0.0	0.0	57.8	1.0	-2.8	0.0	0.0	12.0	0.0	0.0	-3.7
1036	1511.83	573.79	100.20	0	D	A	66.5	8.7	0.0	0.0	0.0	57.8	1.0	-2.8	0.0	0.0	12.0	0.0	0.0	7.2
1036	1511.83	573.79	100.20	0	N	A	-46.5	8.7	0.0	0.0	0.0	57.8	1.0	-2.8	0.0	0.0	12.0	0.0	0.0	-105.8
1036	1511.83	573.79	100.20	0	E	A	63.5	8.7	0.0	0.0	0.0	57.8	1.0	-2.8	0.0	0.0	12.0	0.0	0.0	4.2
1040	1513.14	569.34	100.22	0	D	A	66.5	2.7	0.0	0.0	0.0	57.9	1.0	-3.0	0.0	0.0	12.1	0.0	0.0	1.1
1040	1513.14	569.34	100.22	0	N	A	-46.5	2.7	0.0	0.0	0.0	57.9	1.0	-3.0	0.0	0.0	12.1	0.0	0.0	-111.9
1040	1513.14	569.34	100.22	0	E	A	63.5	2.7	0.0	0.0	0.0	57.9	1.0	-3.0	0.0	0.0	12.1	0.0	0.0	-1.9
1043	1513.68	567.49	100.22	0	D	A	66.5	3.0	0.0	0.0	0.0	57.9	1.0	-3.0	0.0	0.0	12.1	0.0	0.0	1.4
1043	1513.68	567.49	100.22	0	N	A	-46.5	3.0	0.0	0.0	0.0	57.9	1.0	-3.0	0.0	0.0	12.1	0.0	0.0	-111.6
1043	1513.68	567.49	100.22	0	E	A	63.5	3.0	0.0	0.0	0.0	57.9	1.0	-3.0	0.0	0.0	12.1	0.0	0.0	-1.6
1046	1514.53	564.59	100.23	0	D	A	66.5	6.1	0.0	0.0	0.0	58.0	1.0	-2.9	0.0	0.0	12.1	0.0	0.0	4.5
1046	1514.53	564.59	100.23	0	N	A	-46.5	6.1	0.0	0.0	0.0	58.0	1.0	-2.9	0.0	0.0	12.1	0.0	0.0	-108.5
1046	1514.53	564.59	100.23	0	E	A	63.5	6.1	0.0	0.0	0.0	58.0	1.0	-2.9	0.0	0.0	12.1	0.0	0.0	1.5
1049	1515.52	561.25	100.25	0	D	A	66.5	4.6	0.0	0.0	0.0	58.0	1.0	-3.0	0.0	0.0	12.2	0.0	0.0	3.0
1049	1515.52	561.25	100.25	0	N	A	-46.5	4.6	0.0	0.0	0.0	58.0	1.0	-3.0	0.0	0.0	12.2	0.0	0.0	-110.0
1049	1515.52	561.25	100.25	0	E	A	63.5	4.6	0.0	0.0	0.0	58.0	1.0	-3.0	0.0	0.0	12.2	0.0	0.0	-0.0
1051	1516.80	556.90	100.27	0	D	A	66.5	7.9	0.0	0.0	0.0	58.1	1.0	-2.8	0.0	0.0	11.9	0.0	0.0	6.2
1051	1516.80	556.90	100.27	0	N	A	-46.5	7.9	0.0	0.0	0.0	58.1	1.0	-2.8	0.0	0.0	11.9	0.0	0.0	-106.8
1051	1516.80	556.90	100.27	0	E	A	63.5	7.9	0.0	0.0	0.0	58.1	1.0	-2.8	0.0	0.0	11.9	0.0	0.0	3.2
1054	1518.41	551.43	100.29	0	D	A	66.5	7.2	0.0	0.0	0.0	58.2	1.0	-2.8	0.0	0.0	11.9	0.0	0.0	5.4

Line Source, ISO 9613, Name: "Forklift", ID: "b05\_Forklift"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
1054	1518.41	551.43	100.29	0	N	A	-46.5	7.2	0.0	0.0	0.0	58.2	1.0	-2.8	0.0	0.0	11.9	0.0	0.0	-107.6
1054	1518.41	551.43	100.29	0	E	A	63.5	7.2	0.0	0.0	0.0	58.2	1.0	-2.8	0.0	0.0	11.9	0.0	0.0	2.4
1056	1519.85	546.53	100.31	0	D	A	66.5	6.9	0.0	0.0	0.0	58.3	1.0	-3.2	0.0	0.0	11.6	0.0	0.0	5.7
1056	1519.85	546.53	100.31	0	N	A	-46.5	6.9	0.0	0.0	0.0	58.3	1.0	-3.2	0.0	0.0	11.6	0.0	0.0	-107.3
1056	1519.85	546.53	100.31	0	E	A	63.5	6.9	0.0	0.0	0.0	58.3	1.0	-3.2	0.0	0.0	11.6	0.0	0.0	2.7
1059	1520.71	543.59	100.32	0	D	A	66.5	0.7	0.0	0.0	0.0	58.4	1.0	-3.0	0.0	0.0	10.8	0.0	0.0	-0.0
1059	1520.71	543.59	100.32	0	N	A	-46.5	0.7	0.0	0.0	0.0	58.4	1.0	-3.0	0.0	0.0	10.8	0.0	0.0	-113.0
1059	1520.71	543.59	100.32	0	E	A	63.5	0.7	0.0	0.0	0.0	58.4	1.0	-3.0	0.0	0.0	10.8	0.0	0.0	-3.0
1062	1521.02	542.54	100.32	0	D	A	66.5	-0.0	0.0	0.0	0.0	58.4	1.0	-3.2	0.0	0.0	10.9	0.0	0.0	-0.6
1062	1521.02	542.54	100.32	0	N	A	-46.5	-0.0	0.0	0.0	0.0	58.4	1.0	-3.2	0.0	0.0	10.9	0.0	0.0	-113.6
1062	1521.02	542.54	100.32	0	E	A	63.5	-0.0	0.0	0.0	0.0	58.4	1.0	-3.2	0.0	0.0	10.9	0.0	0.0	-3.6

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S\_BoxTruck"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
558	1549.86	450.12	97.82	0	D	500	56.8	4.1	0.0	20.0	0.0	60.4	0.6	11.3	0.0	0.0	0.0	0.0	0.0	8.7
558	1549.86	450.12	97.82	0	N	500	-46.2	4.1	0.0	20.0	0.0	60.4	0.6	11.3	0.0	0.0	0.0	0.0	0.0	-94.3
558	1549.86	450.12	97.82	0	E	500	53.8	4.1	0.0	20.0	0.0	60.4	0.6	11.3	0.0	0.0	0.0	0.0	0.0	5.7
560	1547.86	456.10	97.87	0	D	500	56.8	10.0	0.0	20.0	0.0	60.3	0.6	11.2	0.0	0.0	1.4	0.0	0.0	13.4
560	1547.86	456.10	97.87	0	N	500	-46.2	10.0	0.0	20.0	0.0	60.3	0.6	11.2	0.0	0.0	1.4	0.0	0.0	-89.6
560	1547.86	456.10	97.87	0	E	500	53.8	10.0	0.0	20.0	0.0	60.3	0.6	11.2	0.0	0.0	1.4	0.0	0.0	10.4
568	1545.38	463.52	97.93	0	D	500	56.8	7.5	0.0	20.0	0.0	60.1	0.6	11.3	0.0	0.0	2.8	0.0	0.0	9.6
568	1545.38	463.52	97.93	0	N	500	-46.2	7.5	0.0	20.0	0.0	60.1	0.6	11.3	0.0	0.0	2.8	0.0	0.0	-93.4
568	1545.38	463.52	97.93	0	E	500	53.8	7.5	0.0	20.0	0.0	60.1	0.6	11.3	0.0	0.0	2.8	0.0	0.0	6.6
590	1542.67	471.64	98.00	0	D	500	56.8	10.6	0.0	20.0	0.0	59.9	0.5	11.3	0.0	0.0	6.2	0.0	0.0	9.5
590	1542.67	471.64	98.00	0	N	500	-46.2	10.6	0.0	20.0	0.0	59.9	0.5	11.3	0.0	0.0	6.2	0.0	0.0	-93.5
590	1542.67	471.64	98.00	0	E	500	53.8	10.6	0.0	20.0	0.0	59.9	0.5	11.3	0.0	0.0	6.2	0.0	0.0	6.5
592	1540.46	478.24	98.06	0	D	500	56.8	3.8	0.0	20.0	0.0	59.8	0.5	11.4	0.0	0.0	7.0	0.0	0.0	2.0
592	1540.46	478.24	98.06	0	N	500	-46.2	3.8	0.0	20.0	0.0	59.8	0.5	11.4	0.0	0.0	7.0	0.0	0.0	-101.0
592	1540.46	478.24	98.06	0	E	500	53.8	3.8	0.0	20.0	0.0	59.8	0.5	11.4	0.0	0.0	7.0	0.0	0.0	-1.0
601	1539.60	480.83	98.08	0	D	500	56.8	4.8	0.0	20.0	0.0	59.7	0.5	11.3	0.0	0.0	7.1	0.0	0.0	2.9
601	1539.60	480.83	98.08	0	N	500	-46.2	4.8	0.0	20.0	0.0	59.7	0.5	11.3	0.0	0.0	7.1	0.0	0.0	-100.1
601	1539.60	480.83	98.08	0	E	500	53.8	4.8	0.0	20.0	0.0	59.7	0.5	11.3	0.0	0.0	7.1	0.0	0.0	-0.1
608	1537.48	487.17	98.13	0	D	500	56.8	10.1	0.0	20.0	0.0	59.6	0.5	11.4	0.0	0.0	8.5	0.0	0.0	7.0
608	1537.48	487.17	98.13	0	N	500	-46.2	10.1	0.0	20.0	0.0	59.6	0.5	11.4	0.0	0.0	8.5	0.0	0.0	-96.0
608	1537.48	487.17	98.13	0	E	500	53.8	10.1	0.0	20.0	0.0	59.6	0.5	11.4	0.0	0.0	8.5	0.0	0.0	4.0
623	1534.66	495.59	98.20	0	D	500	56.8	8.7	0.0	20.0	0.0	59.4	0.5	11.4	0.0	0.0	1.2	0.0	0.0	13.0
623	1534.66	495.59	98.20	0	N	500	-46.2	8.7	0.0	20.0	0.0	59.4	0.5	11.4	0.0	0.0	1.2	0.0	0.0	-90.0
623	1534.66	495.59	98.20	0	E	500	53.8	8.7	0.0	20.0	0.0	59.4	0.5	11.4	0.0	0.0	1.2	0.0	0.0	10.0
631	1531.03	506.45	98.30	0	D	500	56.8	11.9	0.0	20.0	0.0	59.1	0.5	11.5	0.0	0.0	0.0	0.0	0.0	17.6
631	1531.03	506.45	98.30	0	N	500	-46.2	11.9	0.0	20.0	0.0	59.1	0.5	11.5	0.0	0.0	0.0	0.0	0.0	-85.4
631	1531.03	506.45	98.30	0	E	500	53.8	11.9	0.0	20.0	0.0	59.1	0.5	11.5	0.0	0.0	0.0	0.0	0.0	14.6
632	1527.61	516.68	98.38	0	D	500	56.8	7.9	0.0	20.0	0.0	58.9	0.5	11.5	0.0	0.0	1.4	0.0	0.0	12.4
632	1527.61	516.68	98.38	0	N	500	-46.2	7.9	0.0	20.0	0.0	58.9	0.5	11.5	0.0	0.0	1.4	0.0	0.0	-90.7
632	1527.61	516.68	98.38	0	E	500	53.8	7.9	0.0	20.0	0.0	58.9	0.5	11.5	0.0	0.0	1.4	0.0	0.0	9.3
633	1525.38	523.37	98.44	0	D	500	56.8	9.0	0.0	20.0	0.0	58.7	0.5	11.6	0.0	0.0	3.4	0.0	0.0	11.7
633	1525.38	523.37	98.44	0	N	500	-46.2	9.0	0.0	20.0	0.0	58.7	0.5	11.6	0.0	0.0	3.4	0.0	0.0	-91.3
633	1525.38	523.37	98.44	0	E	500	53.8	9.0	0.0	20.0	0.0	58.7	0.5	11.6	0.0	0.0	3.4	0.0	0.0	8.7
642	1522.57	531.77	98.51	0	D	500	56.8	9.9	0.0	20.0	0.0	58.6	0.5	11.6	0.0	0.0	7.7	0.0	0.0	8.4
642	1522.57	531.77	98.51	0	N	500	-46.2	9.9	0.0	20.0	0.0	58.6	0.5	11.6	0.0	0.0	7.7	0.0	0.0	-94.6
642	1522.57	531.77	98.51	0	E	500	53.8	9.9	0.0	20.0	0.0	58.6	0.5	11.6	0.0	0.0	7.7	0.0	0.0	5.4
644	1520.57	537.75	98.56	0	D	500	56.8	4.6	0.0	20.0	0.0	58.4	0.5	11.6	0.0	0.0	6.0	0.0	0.0	4.9
644	1520.57	537.75	98.56	0	N	500	-46.2	4.6	0.0	20.0	0.0	58.4	0.5	11.6	0.0	0.0	6.0	0.0	0.0	-98.1
644	1520.57	537.75	98.56	0	E	500	53.8	4.6	0.0	20.0	0.0	58.4	0.5	11.6	0.0	0.0	6.0	0.0	0.0	1.9
652	1519.64	540.52	98.58	0	D	500	56.8	4.7	0.0	20.0	0.0	58.4	0.5	11.6	0.0	0.0	3.7	0.0	0.0	7.4
652	1519.64	540.52	98.58	0	N	500	-46.2	4.7	0.0	20.0	0.0	58.4	0.5	11.6	0.0	0.0	3.7	0.0	0.0	-95.6
652	1519.64	540.52	98.58	0	E	500	53.8	4.7	0.0	20.0	0.0	58.4	0.5	11.6	0.0	0.0	3.7	0.0	0.0	4.4
660	1518.90	542.74	98.60	0	D	500	56.8	2.4	0.0	20.0	0.0	58.3	0.4	11.7	0.0	0.0	5.8	0.0	0.0	3.0
660	1518.90	542.74	98.60	0	N	500	-46.2	2.4	0.0	20.0	0.0	58.3	0.4	11.7	0.0	0.0	5.8	0.0	0.0	-100.0
660	1518.90	542.74	98.60	0	E	500	53.8	2.4	0.0	20.0	0.0	58.3	0.4	11.7	0.0	0.0	5.8	0.0	0.0	0.0
668	1518.44	544.13	98.61	0	D	500	56.8	0.8	0.0	20.0	0.0	58.3	0.4	11.7	0.0	0.0	6.6	0.0	0.0	0.6
668	1518.44	544.13	98.61	0	N	500	-46.2	0.8	0.0	20.0	0.0	58.3	0.4	11.7	0.0	0.0	6.6	0.0	0.0	-102.4
668	1518.44	544.13	98.61	0	E	500	53.8	0.8	0.0	20.0	0.0	58.3	0.4	11.7	0.0	0.0	6.6	0.0	0.0	-2.4
669	1517.48	547.00	98.64	0	D	500	56.8	6.9	0.0	20.0	0.0	58.2	0.4	11.7	0.0	0.0	0.0	0.0	0.0	13.3





Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
925	1498.86	609.46	99.12	0	N	500	-46.2	8.6	0.0	20.0	0.0	57.3	0.4	12.4	0.0	0.0	0.0	0.0	0.0	-87.6
925	1498.86	609.46	99.12	0	E	500	53.8	8.6	0.0	20.0	0.0	57.3	0.4	12.4	0.0	0.0	0.0	0.0	0.0	12.4
931	1500.84	615.81	99.08	0	D	500	56.8	7.8	0.0	20.0	0.0	57.4	0.4	12.5	0.0	0.0	0.0	0.0	0.0	14.4
931	1500.84	615.81	99.08	0	N	500	-46.2	7.8	0.0	20.0	0.0	57.4	0.4	12.5	0.0	0.0	0.0	0.0	0.0	-88.6
931	1500.84	615.81	99.08	0	E	500	53.8	7.8	0.0	20.0	0.0	57.4	0.4	12.5	0.0	0.0	0.0	0.0	0.0	11.4
938	1503.95	625.76	99.03	0	D	500	56.8	11.7	0.0	20.0	0.0	57.5	0.4	12.7	0.0	0.0	0.0	0.0	0.0	17.9
938	1503.95	625.76	99.03	0	N	500	-46.2	11.7	0.0	20.0	0.0	57.5	0.4	12.7	0.0	0.0	0.0	0.0	0.0	-85.1
938	1503.95	625.76	99.03	0	E	500	53.8	11.7	0.0	20.0	0.0	57.5	0.4	12.7	0.0	0.0	0.0	0.0	0.0	14.9
953	1500.99	625.47	99.07	0	D	500	56.8	12.6	0.0	20.0	0.0	57.4	0.4	12.7	0.0	0.0	0.0	0.0	0.0	18.9
953	1500.99	625.47	99.07	0	N	500	-46.2	12.6	0.0	20.0	0.0	57.4	0.4	12.7	0.0	0.0	0.0	0.0	0.0	-84.1
953	1500.99	625.47	99.07	0	E	500	53.8	12.6	0.0	20.0	0.0	57.4	0.4	12.7	0.0	0.0	0.0	0.0	0.0	15.9
957	1493.99	615.46	99.16	0	D	500	56.8	8.0	0.0	20.0	0.0	57.1	0.4	12.5	0.0	0.0	0.0	0.0	0.0	14.9
957	1493.99	615.46	99.16	0	N	500	-46.2	8.0	0.0	20.0	0.0	57.1	0.4	12.5	0.0	0.0	0.0	0.0	0.0	-88.1
957	1493.99	615.46	99.16	0	E	500	53.8	8.0	0.0	20.0	0.0	57.1	0.4	12.5	0.0	0.0	0.0	0.0	0.0	11.9
961	1491.81	612.35	99.19	0	D	500	56.8	0.8	0.0	20.0	0.0	57.0	0.4	12.4	0.0	0.0	0.0	0.0	0.0	7.9
961	1491.81	612.35	99.19	0	N	500	-46.2	0.8	0.0	20.0	0.0	57.0	0.4	12.4	0.0	0.0	0.0	0.0	0.0	-95.2
961	1491.81	612.35	99.19	0	E	500	53.8	0.8	0.0	20.0	0.0	57.0	0.4	12.4	0.0	0.0	0.0	0.0	0.0	4.8
1064	1496.51	611.23	99.12	0	D	500	56.8	6.6	0.0	20.0	0.0	57.2	0.4	12.4	0.0	0.0	0.0	0.0	0.0	13.5
1064	1496.51	611.23	99.12	0	N	500	-46.2	6.6	0.0	20.0	0.0	57.2	0.4	12.4	0.0	0.0	0.0	0.0	0.0	-89.5
1064	1496.51	611.23	99.12	0	E	500	53.8	6.6	0.0	20.0	0.0	57.2	0.4	12.4	0.0	0.0	0.0	0.0	0.0	10.5

DRAFT





Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
939	1416.13	552.30	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	53.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	30.9
939	1416.13	552.30	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	53.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	32.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
947	1422.86	532.56	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.1	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	33.6
947	1422.86	532.56	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.1	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	30.6
947	1422.86	532.56	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.1	0.7	-0.5	0.0	0.0	0.0	0.0	0.0	32.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
949	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	54.2	0.7	1.0	0.0	0.0	0.0	0.0	0.0	28.1
949	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.2	0.7	1.0	0.0	0.0	0.0	0.0	0.0	25.1
949	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.2	0.7	1.0	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
966	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.7	0.8	0.9	0.0	0.0	0.0	0.0	0.0	30.4
966	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.7	0.8	0.9	0.0	0.0	0.0	0.0	0.0	27.4
966	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.7	0.8	0.9	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
995	1377.28	504.21	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	52.7	0.7	-1.0	0.0	0.0	0.0	0.0	0.0	29.8
995	1377.28	504.21	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	52.7	0.7	-1.0	0.0	0.0	0.0	0.0	0.0	26.8
995	1377.28	504.21	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	52.7	0.7	-1.0	0.0	0.0	0.0	0.0	0.0	28.5

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
436	1308.28	469.88	101.05	0	D	A	70.6	10.6	0.0	0.0	0.0	52.8	0.5	-1.8	0.0	0.0	11.8	0.0	0.0	17.9
436	1308.28	469.88	101.05	0	N	A	-34.1	10.6	0.0	0.0	0.0	52.8	0.5	-1.8	0.0	0.0	11.8	0.0	0.0	-86.8
436	1308.28	469.88	101.05	0	E	A	65.9	10.6	0.0	0.0	0.0	52.8	0.5	-1.8	0.0	0.0	11.8	0.0	0.0	13.2
438	1299.61	497.05	100.94	0	D	A	70.6	16.6	0.0	0.0	0.0	50.5	0.4	-1.2	0.0	0.0	12.8	0.0	0.0	24.6
438	1299.61	497.05	100.94	0	N	A	-34.1	16.6	0.0	0.0	0.0	50.5	0.4	-1.2	0.0	0.0	12.8	0.0	0.0	-80.1
438	1299.61	497.05	100.94	0	E	A	65.9	16.6	0.0	0.0	0.0	50.5	0.4	-1.2	0.0	0.0	12.8	0.0	0.0	19.9
440	1292.24	520.19	100.85	0	D	A	70.6	4.8	0.0	0.0	0.0	48.1	0.3	-1.3	0.0	0.0	14.6	0.0	0.0	13.7
440	1292.24	520.19	100.85	0	N	A	-34.1	4.8	0.0	0.0	0.0	48.1	0.3	-1.3	0.0	0.0	14.6	0.0	0.0	-91.1
440	1292.24	520.19	100.85	0	E	A	65.9	4.8	0.0	0.0	0.0	48.1	0.3	-1.3	0.0	0.0	14.6	0.0	0.0	8.9
456	1291.40	522.82	100.84	0	D	A	70.6	4.0	0.0	0.0	0.0	47.7	0.3	-1.3	0.0	0.0	14.8	0.0	0.0	13.1
456	1291.40	522.82	100.84	0	N	A	-34.1	4.0	0.0	0.0	0.0	47.7	0.3	-1.3	0.0	0.0	14.8	0.0	0.0	-91.7
456	1291.40	522.82	100.84	0	E	A	65.9	4.0	0.0	0.0	0.0	47.7	0.3	-1.3	0.0	0.0	14.8	0.0	0.0	8.3
457	1288.10	533.16	100.79	0	D	A	70.6	12.8	0.0	0.0	0.0	46.4	0.3	-0.7	0.0	0.0	18.8	0.0	0.0	18.7
457	1288.10	533.16	100.79	0	N	A	-34.1	12.8	0.0	0.0	0.0	46.4	0.3	-0.7	0.0	0.0	18.8	0.0	0.0	-86.0
457	1288.10	533.16	100.79	0	E	A	65.9	12.8	0.0	0.0	0.0	46.4	0.3	-0.7	0.0	0.0	18.8	0.0	0.0	14.0
458	1285.01	542.86	100.75	0	D	A	70.6	0.7	0.0	0.0	0.0	44.9	0.2	-0.0	0.0	0.0	16.9	0.0	0.0	9.3
458	1285.01	542.86	100.75	0	N	A	-34.1	0.7	0.0	0.0	0.0	44.9	0.2	-0.0	0.0	0.0	16.9	0.0	0.0	-95.4
458	1285.01	542.86	100.75	0	E	A	65.9	0.7	0.0	0.0	0.0	44.9	0.2	-0.0	0.0	0.0	16.9	0.0	0.0	4.6
473	1284.24	545.27	100.74	0	D	A	70.6	5.9	0.0	0.0	0.0	44.5	0.2	0.1	0.0	0.0	11.7	0.0	0.0	19.9
473	1284.24	545.27	100.74	0	N	A	-34.1	5.9	0.0	0.0	0.0	44.5	0.2	0.1	0.0	0.0	11.7	0.0	0.0	-84.8
473	1284.24	545.27	100.74	0	E	A	65.9	5.9	0.0	0.0	0.0	44.5	0.2	0.1	0.0	0.0	11.7	0.0	0.0	15.2
481	1283.31	548.19	100.73	0	D	A	70.6	3.5	0.0	0.0	0.0	44.0	0.2	0.3	0.0	0.0	12.4	0.0	0.0	17.2
481	1283.31	548.19	100.73	0	N	A	-34.1	3.5	0.0	0.0	0.0	44.0	0.2	0.3	0.0	0.0	12.4	0.0	0.0	-87.6
481	1283.31	548.19	100.73	0	E	A	65.9	3.5	0.0	0.0	0.0	44.0	0.2	0.3	0.0	0.0	12.4	0.0	0.0	12.4
495	1282.63	550.32	100.72	0	D	A	70.6	3.5	0.0	0.0	0.0	43.6	0.2	0.6	0.0	0.0	12.8	0.0	0.0	16.9
495	1282.63	550.32	100.72	0	N	A	-34.1	3.5	0.0	0.0	0.0	43.6	0.2	0.6	0.0	0.0	12.8	0.0	0.0	-87.9
495	1282.63	550.32	100.72	0	E	A	65.9	3.5	0.0	0.0	0.0	43.6	0.2	0.6	0.0	0.0	12.8	0.0	0.0	12.1
997	1321.49	431.33	101.13	0	D	A	70.6	13.0	0.0	0.0	0.0	55.2	0.7	-2.4	0.0	0.0	10.1	0.0	0.0	20.0
997	1321.49	431.33	101.13	0	N	A	-34.1	13.0	0.0	0.0	0.0	55.2	0.7	-2.4	0.0	0.0	10.1	0.0	0.0	-84.8
997	1321.49	431.33	101.13	0	E	A	65.9	13.0	0.0	0.0	0.0	55.2	0.7	-2.4	0.0	0.0	10.1	0.0	0.0	15.2









Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
1016	1453.47	618.82	100.25	0	N	A	-46.5	11.4	0.0	0.0	0.0	55.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	-91.5
1016	1453.47	618.82	100.25	0	E	A	63.5	11.4	0.0	0.0	0.0	55.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	18.5
1028	1462.37	620.29	100.24	0	D	A	66.5	7.1	0.0	0.0	0.0	55.7	0.8	0.4	0.0	0.0	0.0	0.0	0.0	16.7
1028	1462.37	620.29	100.24	0	N	A	-46.5	7.1	0.0	0.0	0.0	55.7	0.8	0.4	0.0	0.0	0.0	0.0	0.0	-96.3
1028	1462.37	620.29	100.24	0	E	A	63.5	7.1	0.0	0.0	0.0	55.7	0.8	0.4	0.0	0.0	0.0	0.0	0.0	13.7
1031	1473.50	616.55	100.19	0	D	A	66.5	12.6	0.0	0.0	0.0	56.2	0.8	-0.1	0.0	0.0	3.3	0.0	0.0	18.9
1031	1473.50	616.55	100.19	0	N	A	-46.5	12.6	0.0	0.0	0.0	56.2	0.8	-0.1	0.0	0.0	3.3	0.0	0.0	-94.1
1031	1473.50	616.55	100.19	0	E	A	63.5	12.6	0.0	0.0	0.0	56.2	0.8	-0.1	0.0	0.0	3.3	0.0	0.0	15.9
1034	1482.71	613.45	100.15	0	D	A	66.5	0.1	0.0	0.0	0.0	56.6	0.9	-0.4	0.0	0.0	7.4	0.0	0.0	2.1
1034	1482.71	613.45	100.15	0	N	A	-46.5	0.1	0.0	0.0	0.0	56.6	0.9	-0.4	0.0	0.0	7.4	0.0	0.0	-110.9
1034	1482.71	613.45	100.15	0	E	A	63.5	0.1	0.0	0.0	0.0	56.6	0.9	-0.4	0.0	0.0	7.4	0.0	0.0	-0.9
1037	1487.91	611.71	100.13	0	D	A	66.5	10.0	0.0	0.0	0.0	56.8	0.9	-0.5	0.0	0.0	8.6	0.0	0.0	10.6
1037	1487.91	611.71	100.13	0	N	A	-46.5	10.0	0.0	0.0	0.0	56.8	0.9	-0.5	0.0	0.0	8.6	0.0	0.0	-102.4
1037	1487.91	611.71	100.13	0	E	A	63.5	10.0	0.0	0.0	0.0	56.8	0.9	-0.5	0.0	0.0	8.6	0.0	0.0	7.6
1039	1497.35	608.54	100.08	0	D	A	66.5	10.0	0.0	0.0	0.0	57.2	0.9	-0.7	0.0	0.0	9.5	0.0	0.0	9.6
1039	1497.35	608.54	100.08	0	N	A	-46.5	10.0	0.0	0.0	0.0	57.2	0.9	-0.7	0.0	0.0	9.5	0.0	0.0	-103.4
1039	1497.35	608.54	100.08	0	E	A	63.5	10.0	0.0	0.0	0.0	57.2	0.9	-0.7	0.0	0.0	9.5	0.0	0.0	6.6
1042	1502.25	606.35	100.07	0	D	A	66.5	1.0	0.0	0.0	0.0	57.4	0.9	-0.8	0.0	0.0	9.3	0.0	0.0	0.6
1042	1502.25	606.35	100.07	0	N	A	-46.5	1.0	0.0	0.0	0.0	57.4	0.9	-0.8	0.0	0.0	9.3	0.0	0.0	-112.4
1042	1502.25	606.35	100.07	0	E	A	63.5	1.0	0.0	0.0	0.0	57.4	0.9	-0.8	0.0	0.0	9.3	0.0	0.0	-2.4
1045	1503.02	603.70	100.08	0	D	A	66.5	6.3	0.0	0.0	0.0	57.5	1.0	-0.8	0.0	0.0	15.7	0.0	0.0	-0.5
1045	1503.02	603.70	100.08	0	N	A	-46.5	6.3	0.0	0.0	0.0	57.5	1.0	-0.8	0.0	0.0	15.7	0.0	0.0	-113.5
1045	1503.02	603.70	100.08	0	E	A	63.5	6.3	0.0	0.0	0.0	57.5	1.0	-0.8	0.0	0.0	15.7	0.0	0.0	-3.5
1048	1504.74	597.88	100.10	0	D	A	66.5	9.0	0.0	0.0	0.0	57.5	1.0	-0.9	0.0	0.0	16.5	0.0	0.0	1.5
1048	1504.74	597.88	100.10	0	N	A	-46.5	9.0	0.0	0.0	0.0	57.5	1.0	-0.9	0.0	0.0	16.5	0.0	0.0	-111.6
1048	1504.74	597.88	100.10	0	E	A	63.5	9.0	0.0	0.0	0.0	57.5	1.0	-0.9	0.0	0.0	16.5	0.0	0.0	-1.6
1053	1506.06	593.37	100.12	0	D	A	66.5	1.8	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	16.8	0.0	0.0	-6.1
1053	1506.06	593.37	100.12	0	N	A	-46.5	1.8	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	16.8	0.0	0.0	-119.1
1053	1506.06	593.37	100.12	0	E	A	63.5	1.8	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	16.8	0.0	0.0	-9.1
1057	1506.61	591.50	100.13	0	D	A	66.5	3.8	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	16.8	0.0	0.0	-4.2
1057	1506.61	591.50	100.13	0	N	A	-46.5	3.8	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	16.8	0.0	0.0	-117.2
1057	1506.61	591.50	100.13	0	E	A	63.5	3.8	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	16.8	0.0	0.0	-7.2
1060	1507.13	589.73	100.13	0	D	A	66.5	1.1	0.0	0.0	0.0	57.6	1.0	-1.0	0.0	0.0	17.0	0.0	0.0	-6.9
1060	1507.13	589.73	100.13	0	N	A	-46.5	1.1	0.0	0.0	0.0	57.6	1.0	-1.0	0.0	0.0	17.0	0.0	0.0	-119.9
1060	1507.13	589.73	100.13	0	E	A	63.5	1.1	0.0	0.0	0.0	57.6	1.0	-1.0	0.0	0.0	17.0	0.0	0.0	-9.9
1063	1507.52	588.44	100.14	0	D	A	66.5	1.5	0.0	0.0	0.0	57.6	1.0	-1.0	0.0	0.0	16.4	0.0	0.0	-6.1
1063	1507.52	588.44	100.14	0	N	A	-46.5	1.5	0.0	0.0	0.0	57.6	1.0	-1.0	0.0	0.0	16.4	0.0	0.0	-119.1
1063	1507.52	588.44	100.14	0	E	A	63.5	1.5	0.0	0.0	0.0	57.6	1.0	-1.0	0.0	0.0	16.4	0.0	0.0	-9.1
1066	1508.11	586.41	100.15	0	D	A	66.5	4.5	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	14.6	0.0	0.0	-1.2
1066	1508.11	586.41	100.15	0	N	A	-46.5	4.5	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	14.6	0.0	0.0	-114.2
1066	1508.11	586.41	100.15	0	E	A	63.5	4.5	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	14.6	0.0	0.0	-4.2
1068	1508.80	584.09	100.16	0	D	A	66.5	3.1	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	13.0	0.0	0.0	-1.1
1068	1508.80	584.09	100.16	0	N	A	-46.5	3.1	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	13.0	0.0	0.0	-114.1
1068	1508.80	584.09	100.16	0	E	A	63.5	3.1	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	13.0	0.0	0.0	-4.1
1070	1509.53	581.61	100.17	0	D	A	66.5	5.0	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	11.8	0.0	0.0	2.0
1070	1509.53	581.61	100.17	0	N	A	-46.5	5.0	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	11.8	0.0	0.0	-111.0
1070	1509.53	581.61	100.17	0	E	A	63.5	5.0	0.0	0.0	0.0	57.7	1.0	-1.0	0.0	0.0	11.8	0.0	0.0	-1.0
1072	1510.13	579.57	100.17	0	D	A	66.5	0.4	0.0	0.0	0.0	57.7	1.0	-1.1	0.0	0.0	11.3	0.0	0.0	-1.9
1072	1510.13	579.57	100.17	0	N	A	-46.5	0.4	0.0	0.0	0.0	57.7	1.0	-1.1	0.0	0.0	11.3	0.0	0.0	-114.9
1072	1510.13	579.57	100.17	0	E	A	63.5	0.4	0.0	0.0	0.0	57.7	1.0	-1.1	0.0	0.0	11.3	0.0	0.0	-4.9
1073	1511.27	575.67	100.19	0	D	A	66.5	8.5	0.0	0.0	0.0	57.8	1.0	-1.1	0.0	0.0	11.2	0.0	0.0	6.1
1073	1511.27	575.67	100.19	0	N	A	-46.5	8.5	0.0	0.0	0.0	57.8	1.0	-1.1	0.0	0.0	11.2	0.0	0.0	-106.9
1073	1511.27	575.67	100.19	0	E	A	63.5	8.5	0.0	0.0	0.0	57.8	1.0	-1.1	0.0	0.0	11.2	0.0	0.0	3.1
1074	1512.54	571.36	100.21	0	D	A	66.5	3.0	0.0	0.0	0.0	57.9	1.0	-1.1	0.0	0.0	11.2	0.0	0.0	0.5
1074	1512.54	571.36	100.21	0	N	A	-46.5	3.0	0.0	0.0	0.0	57.9	1.0	-1.1	0.0	0.0	11.2	0.0	0.0	-112.5
1074	1512.54	571.36	100.21	0	E	A	63.5	3.0	0.0	0.0	0.0	57.9	1.0	-1.1	0.0	0.0	11.2	0.0	0.0	-2.5
1075	1513.10	569.46	100.22	0	D	A	66.5	3.0	0.0	0.0	0.0	57.9	1.0	-1.2	0.0	0.0	11.3	0.0	0.0	0.5
1075	1513.10	569.46	100.22	0	N	A	-46.5	3.0	0.0	0.0	0.0	57.9	1.0	-1.2	0.0	0.0	11.3	0.0	0.0	-112.5
1075	1513.10	569.46	100.22	0	E	A	63.5	3.0	0.0	0.0	0.0	57.9	1.0	-1.2	0.0	0.0	11.3	0.0	0.0	-2.5
1076	1514.57	564.48	100.24	0	D	A	66.5	9.2	0.0	0.0	0.0	58.0	1.0	-1.2	0.0	0.0	11.2	0.0	0.0	6.7
1076	1514.57	564.48	100.24	0	N	A	-46.5	9.2	0.0	0.0	0.0	58.0	1.0	-1.2	0.0	0.0	11.2	0.0	0.0	-106.3
1076	1514.57	564.48	100.24	0	E	A	63.5	9.2	0.0	0.0	0.0	58.0	1.0	-1.2	0.0	0.0	11.2	0.0	0.0	3.7
1077	1517.06	556.02	100.27	0	D	A	66.5	9.7	0.0	0.0	0.0	58.1	1.0	-1.4	0.0	0.0	11.4	0.0	0.0	7.1

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1077	1517.06	556.02	100.27	0	N	A	-46.5	9.7	0.0	0.0	0.0	58.1	1.0	-1.4	0.0	0.0	11.4	0.0	0.0	-105.9
1077	1517.06	556.02	100.27	0	E	A	63.5	9.7	0.0	0.0	0.0	58.1	1.0	-1.4	0.0	0.0	11.4	0.0	0.0	4.1
1078	1518.52	551.04	100.29	0	D	A	66.5	0.5	0.0	0.0	0.0	58.2	1.0	-1.4	0.0	0.0	11.3	0.0	0.0	-2.1
1078	1518.52	551.04	100.29	0	N	A	-46.5	0.5	0.0	0.0	0.0	58.2	1.0	-1.4	0.0	0.0	11.3	0.0	0.0	-115.1
1078	1518.52	551.04	100.29	0	E	A	63.5	0.5	0.0	0.0	0.0	58.2	1.0	-1.4	0.0	0.0	11.3	0.0	0.0	-5.1
1079	1519.48	547.78	100.30	0	D	A	66.5	7.5	0.0	0.0	0.0	58.3	1.0	-1.7	0.0	0.0	11.0	0.0	0.0	5.5
1079	1519.48	547.78	100.30	0	N	A	-46.5	7.5	0.0	0.0	0.0	58.3	1.0	-1.7	0.0	0.0	11.0	0.0	0.0	-107.6
1079	1519.48	547.78	100.30	0	E	A	63.5	7.5	0.0	0.0	0.0	58.3	1.0	-1.7	0.0	0.0	11.0	0.0	0.0	2.4
1080	1520.72	543.57	100.32	0	D	A	66.5	4.9	0.0	0.0	0.0	58.3	1.0	-1.5	0.0	0.0	10.0	0.0	0.0	3.6
1080	1520.72	543.57	100.32	0	N	A	-46.5	4.9	0.0	0.0	0.0	58.3	1.0	-1.5	0.0	0.0	10.0	0.0	0.0	-109.4
1080	1520.72	543.57	100.32	0	E	A	63.5	4.9	0.0	0.0	0.0	58.3	1.0	-1.5	0.0	0.0	10.0	0.0	0.0	0.6

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
628	1547.08	458.44	97.89	0	D	500	56.8	13.0	0.0	20.0	0.0	60.1	0.6	13.8	0.0	0.0	0.0	0.0	0.0	15.3
628	1547.08	458.44	97.89	0	N	500	-46.2	13.0	0.0	20.0	0.0	60.1	0.6	13.8	0.0	0.0	0.0	0.0	0.0	-87.7
628	1547.08	458.44	97.89	0	E	500	53.8	13.0	0.0	20.0	0.0	60.1	0.6	13.8	0.0	0.0	0.0	0.0	0.0	12.3
630	1542.76	471.36	98.00	0	D	500	56.8	8.5	0.0	20.0	0.0	59.9	0.5	13.9	0.0	0.0	4.2	0.0	0.0	6.9
630	1542.76	471.36	98.00	0	N	500	-46.2	8.5	0.0	20.0	0.0	59.9	0.5	13.9	0.0	0.0	4.2	0.0	0.0	-96.1
630	1542.76	471.36	98.00	0	E	500	53.8	8.5	0.0	20.0	0.0	59.9	0.5	13.9	0.0	0.0	4.2	0.0	0.0	3.9
646	1539.65	480.67	98.08	0	D	500	56.8	11.0	0.0	20.0	0.0	59.6	0.5	13.9	0.0	0.0	4.9	0.0	0.0	8.8
646	1539.65	480.67	98.08	0	N	500	-46.2	11.0	0.0	20.0	0.0	59.6	0.5	13.9	0.0	0.0	4.9	0.0	0.0	-94.2
646	1539.65	480.67	98.08	0	E	500	53.8	11.0	0.0	20.0	0.0	59.6	0.5	13.9	0.0	0.0	4.9	0.0	0.0	5.8
653	1536.20	491.00	98.16	0	D	500	56.8	9.7	0.0	20.0	0.0	59.4	0.5	14.5	0.0	0.0	0.0	0.0	0.0	12.0
653	1536.20	491.00	98.16	0	N	500	-46.2	9.7	0.0	20.0	0.0	59.4	0.5	14.5	0.0	0.0	0.0	0.0	0.0	-91.0
653	1536.20	491.00	98.16	0	E	500	53.8	9.7	0.0	20.0	0.0	59.4	0.5	14.5	0.0	0.0	0.0	0.0	0.0	9.0
661	1534.56	495.89	98.21	0	D	500	56.8	0.3	0.0	20.0	0.0	59.3	0.5	14.6	0.0	0.0	0.0	0.0	0.0	2.8
661	1534.56	495.89	98.21	0	N	500	-46.2	0.3	0.0	20.0	0.0	59.3	0.5	14.6	0.0	0.0	0.0	0.0	0.0	-100.2
661	1534.56	495.89	98.21	0	E	500	53.8	0.3	0.0	20.0	0.0	59.3	0.5	14.6	0.0	0.0	0.0	0.0	0.0	-0.2
662	1533.87	497.95	98.22	0	D	500	56.8	5.1	0.0	20.0	0.0	59.2	0.5	14.6	0.0	0.0	3.9	0.0	0.0	3.7
662	1533.87	497.95	98.22	0	N	500	-46.2	5.1	0.0	20.0	0.0	59.2	0.5	14.6	0.0	0.0	3.9	0.0	0.0	-99.3
662	1533.87	497.95	98.22	0	E	500	53.8	5.1	0.0	20.0	0.0	59.2	0.5	14.6	0.0	0.0	3.9	0.0	0.0	0.7
672	1532.13	503.16	98.27	0	D	500	56.8	8.9	0.0	20.0	0.0	59.1	0.5	14.6	0.0	0.0	0.0	0.0	0.0	11.5
672	1532.13	503.16	98.27	0	N	500	-46.2	8.9	0.0	20.0	0.0	59.1	0.5	14.6	0.0	0.0	0.0	0.0	0.0	-91.5
672	1532.13	503.16	98.27	0	E	500	53.8	8.9	0.0	20.0	0.0	59.1	0.5	14.6	0.0	0.0	0.0	0.0	0.0	8.5
685	1529.97	509.63	98.32	0	D	500	56.8	7.7	0.0	20.0	0.0	59.0	0.5	14.6	0.0	0.0	0.0	0.0	0.0	10.5
685	1529.97	509.63	98.32	0	N	500	-46.2	7.7	0.0	20.0	0.0	59.0	0.5	14.6	0.0	0.0	0.0	0.0	0.0	-92.5
685	1529.97	509.63	98.32	0	E	500	53.8	7.7	0.0	20.0	0.0	59.0	0.5	14.6	0.0	0.0	0.0	0.0	0.0	7.5
695	1528.05	515.38	98.37	0	D	500	56.8	7.9	0.0	20.0	0.0	58.9	0.5	14.9	0.0	0.0	0.0	0.0	0.0	10.5
695	1528.05	515.38	98.37	0	N	500	-46.2	7.9	0.0	20.0	0.0	58.9	0.5	14.9	0.0	0.0	0.0	0.0	0.0	-92.5
695	1528.05	515.38	98.37	0	E	500	53.8	7.9	0.0	20.0	0.0	58.9	0.5	14.9	0.0	0.0	0.0	0.0	0.0	7.5
703	1526.51	519.97	98.41	0	D	500	56.8	5.4	0.0	20.0	0.0	58.8	0.5	14.9	0.0	0.0	0.0	0.0	0.0	8.1
703	1526.51	519.97	98.41	0	N	500	-46.2	5.4	0.0	20.0	0.0	58.8	0.5	14.9	0.0	0.0	0.0	0.0	0.0	-94.9
703	1526.51	519.97	98.41	0	E	500	53.8	5.4	0.0	20.0	0.0	58.8	0.5	14.9	0.0	0.0	0.0	0.0	0.0	5.1
711	1525.63	522.61	98.43	0	D	500	56.8	3.1	0.0	20.0	0.0	58.7	0.5	14.9	0.0	0.0	0.7	0.0	0.0	5.2
711	1525.63	522.61	98.43	0	N	500	-46.2	3.1	0.0	20.0	0.0	58.7	0.5	14.9	0.0	0.0	0.7	0.0	0.0	-97.8
711	1525.63	522.61	98.43	0	E	500	53.8	3.1	0.0	20.0	0.0	58.7	0.5	14.9	0.0	0.0	0.7	0.0	0.0	2.2
719	1524.49	526.02	98.46	0	D	500	56.8	7.1	0.0	20.0	0.0	58.6	0.5	14.9	0.0	0.0	1.8	0.0	0.0	8.2
719	1524.49	526.02	98.46	0	N	500	-46.2	7.1	0.0	20.0	0.0	58.6	0.5	14.9	0.0	0.0	1.8	0.0	0.0	-94.8
719	1524.49	526.02	98.46	0	E	500	53.8	7.1	0.0	20.0	0.0	58.6	0.5	14.9	0.0	0.0	1.8	0.0	0.0	5.2
721	1523.43	529.19	98.49	0	D	500	56.8	1.8	0.0	20.0	0.0	58.6	0.5	15.5	0.0	0.0	2.4	0.0	0.0	1.8
721	1523.43	529.19	98.49	0	N	500	-46.2	1.8	0.0	20.0	0.0	58.6	0.5	15.5	0.0	0.0	2.4	0.0	0.0	-101.2
721	1523.43	529.19	98.49	0	E	500	53.8	1.8	0.0	20.0	0.0	58.6	0.5	15.5	0.0	0.0	2.4	0.0	0.0	-1.2
723	1521.09	536.21	98.55	0	D	500	56.8	11.2	0.0	20.0	0.0	58.4	0.5	15.5	0.0	0.0	3.1	0.0	0.0	10.6
723	1521.09	536.21	98.55	0	N	500	-46.2	11.2	0.0	20.0	0.0	58.4	0.5	15.5	0.0	0.0	3.1	0.0	0.0	-92.4
723	1521.09	536.21	98.55	0	E	500	53.8	11.2	0.0	20.0	0.0	58.4	0.5	15.5	0.0	0.0	3.1	0.0	0.0	7.6
731	1518.48	544.02	98.61	0	D	500	56.8	5.0	0.0	20.0	0.0	58.2	0.4	15.5	0.0	0.0	4.1	0.0	0.0	3.5
731	1518.48	544.02	98.61	0	N	500	-46.2	5.0	0.0	20.0	0.0	58.2	0.4	15.5	0.0	0.0	4.1	0.0	0.0	-99.5
731	1518.48	544.02	98.61	0	E	500	53.8	5.0	0.0	20.0	0.0	58.2	0.4	15.5	0.0	0.0	4.1	0.0	0.0	0.5
746	1517.09	548.17	98.65	0	D	500	56.8	7.5	0.0	20.0	0.0	58.2	0.4	15.5	0.0	0.0	0.0	0.0	0.0	10.2
746	1517.09	548.17	98.65	0	N	500	-46.2	7.5	0.0	20.0	0.0	58.2	0.4	15.5	0.0	0.0	0.0	0.0	0.0	-92.9
746	1517.09	548.17	98.65	0	E	500	53.8	7.5	0.0	20.0	0.0	58.2	0.4	15.5	0.0	0.0	0.0	0.0	0.0	7.1
754	1516.00	551.42	98.67	0	D	500	56.8	1.1	0.0	20.0	0.0	58.1	0.4	16.1	0.0	0.0	0.0	0.0	0.0	3.3

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
754	1516.00	551.42	98.67	0	N	500	-46.2	1.1	0.0	20.0	0.0	58.1	0.4	16.1	0.0	0.0	0.0	0.0	0.0	-99.7
754	1516.00	551.42	98.67	0	E	500	53.8	1.1	0.0	20.0	0.0	58.1	0.4	16.1	0.0	0.0	0.0	0.0	0.0	0.0
763	1514.32	556.44	98.72	0	D	500	56.8	9.7	0.0	20.0	0.0	58.0	0.4	16.1	0.0	0.0	0.0	0.0	0.0	12.0
763	1514.32	556.44	98.72	0	N	500	-46.2	9.7	0.0	20.0	0.0	58.0	0.4	16.1	0.0	0.0	0.0	0.0	0.0	0.0
763	1514.32	556.44	98.72	0	E	500	53.8	9.7	0.0	20.0	0.0	58.0	0.4	16.1	0.0	0.0	0.0	0.0	0.0	9.0
774	1511.52	564.84	98.79	0	D	500	56.8	9.3	0.0	20.0	0.0	57.9	0.4	16.4	0.0	0.0	0.0	0.0	0.0	11.4
774	1511.52	564.84	98.79	0	N	500	-46.2	9.3	0.0	20.0	0.0	57.9	0.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0
774	1511.52	564.84	98.79	0	E	500	53.8	9.3	0.0	20.0	0.0	57.9	0.4	16.4	0.0	0.0	0.0	0.0	0.0	8.4
780	1509.87	569.78	98.83	0	D	500	56.8	3.0	0.0	20.0	0.0	57.8	0.4	16.4	0.0	0.0	0.0	0.0	0.0	5.2
780	1509.87	569.78	98.83	0	N	500	-46.2	3.0	0.0	20.0	0.0	57.8	0.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0
780	1509.87	569.78	98.83	0	E	500	53.8	3.0	0.0	20.0	0.0	57.8	0.4	16.4	0.0	0.0	0.0	0.0	0.0	2.2
789	1509.24	571.65	98.84	0	D	500	56.8	3.0	0.0	20.0	0.0	57.7	0.4	16.5	0.0	0.0	0.0	0.0	0.0	5.2
789	1509.24	571.65	98.84	0	N	500	-46.2	3.0	0.0	20.0	0.0	57.7	0.4	16.5	0.0	0.0	0.0	0.0	0.0	0.0
789	1509.24	571.65	98.84	0	E	500	53.8	3.0	0.0	20.0	0.0	57.7	0.4	16.5	0.0	0.0	0.0	0.0	0.0	2.1
799	1507.82	575.91	98.88	0	D	500	56.8	8.5	0.0	20.0	0.0	57.7	0.4	16.5	0.0	0.0	0.0	0.0	0.0	10.7
799	1507.82	575.91	98.88	0	N	500	-46.2	8.5	0.0	20.0	0.0	57.7	0.4	16.5	0.0	0.0	0.0	0.0	0.0	0.0
799	1507.82	575.91	98.88	0	E	500	53.8	8.5	0.0	20.0	0.0	57.7	0.4	16.5	0.0	0.0	0.0	0.0	0.0	7.7
801	1506.53	579.76	98.91	0	D	500	56.8	0.4	0.0	20.0	0.0	57.6	0.4	16.5	0.0	0.0	0.0	0.0	0.0	2.8
801	1506.53	579.76	98.91	0	N	500	-46.2	0.4	0.0	20.0	0.0	57.6	0.4	16.5	0.0	0.0	0.0	0.0	0.0	0.0
801	1506.53	579.76	98.91	0	E	500	53.8	0.4	0.0	20.0	0.0	57.6	0.4	16.5	0.0	0.0	0.0	0.0	0.0	-0.2
813	1505.86	581.77	98.93	0	D	500	56.8	5.0	0.0	20.0	0.0	57.6	0.4	16.5	0.0	0.0	0.0	0.0	0.0	7.3
813	1505.86	581.77	98.93	0	N	500	-46.2	5.0	0.0	20.0	0.0	57.6	0.4	16.5	0.0	0.0	0.0	0.0	0.0	0.0
813	1505.86	581.77	98.93	0	E	500	53.8	5.0	0.0	20.0	0.0	57.6	0.4	16.5	0.0	0.0	0.0	0.0	0.0	4.2
829	1505.04	584.21	98.95	0	D	500	56.8	3.0	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	0.0	0.0	0.0	5.4
829	1505.04	584.21	98.95	0	N	500	-46.2	3.0	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	0.0	0.0	0.0	0.0
829	1505.04	584.21	98.95	0	E	500	53.8	3.0	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	0.0	0.0	0.0	2.4
836	1504.33	586.33	98.97	0	D	500	56.8	3.9	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	0.0	0.0	0.0	6.3
836	1504.33	586.33	98.97	0	N	500	-46.2	3.9	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	0.0	0.0	0.0	0.0
836	1504.33	586.33	98.97	0	E	500	53.8	3.9	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	0.0	0.0	0.0	3.3
842	1503.73	588.13	98.98	0	D	500	56.8	1.2	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	1.6	0.0	0.0	2.0
842	1503.73	588.13	98.98	0	N	500	-46.2	1.2	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	1.6	0.0	0.0	0.0
842	1503.73	588.13	98.98	0	E	500	53.8	1.2	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	1.6	0.0	0.0	-1.0
849	1503.34	589.30	98.99	0	D	500	56.8	0.6	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	3.0	0.0	0.0	0.0
849	1503.34	589.30	98.99	0	N	500	-46.2	0.6	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	3.0	0.0	0.0	0.0
849	1503.34	589.30	98.99	0	E	500	53.8	0.6	0.0	20.0	0.0	57.5	0.4	16.5	0.0	0.0	3.0	0.0	0.0	-3.0
851	1502.78	590.98	99.01	0	D	500	56.8	3.8	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	3.3
851	1502.78	590.98	99.01	0	N	500	-46.2	3.8	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	0.0
851	1502.78	590.98	99.01	0	E	500	53.8	3.8	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	0.3
858	1502.14	592.91	99.02	0	D	500	56.8	2.2	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	1.6
858	1502.14	592.91	99.02	0	N	500	-46.2	2.2	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	0.0
858	1502.14	592.91	99.02	0	E	500	53.8	2.2	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	-1.4
867	1500.72	597.14	99.06	0	D	500	56.8	8.6	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	8.1
867	1500.72	597.14	99.06	0	N	500	-46.2	8.6	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	0.0
867	1500.72	597.14	99.06	0	E	500	53.8	8.6	0.0	20.0	0.0	57.4	0.4	16.6	0.0	0.0	2.9	0.0	0.0	5.1
882	1498.82	602.83	99.11	0	D	500	56.8	6.7	0.0	20.0	0.0	57.3	0.4	16.8	0.0	0.0	2.8	0.0	0.0	6.3
882	1498.82	602.83	99.11	0	N	500	-46.2	6.7	0.0	20.0	0.0	57.3	0.4	16.8	0.0	0.0	2.8	0.0	0.0	0.0
882	1498.82	602.83	99.11	0	E	500	53.8	6.7	0.0	20.0	0.0	57.3	0.4	16.8	0.0	0.0	2.8	0.0	0.0	3.3
888	1497.92	605.52	99.13	0	D	500	56.8	-0.2	0.0	20.0	0.0	57.3	0.4	16.8	0.0	0.0	0.0	0.0	0.0	2.2
888	1497.92	605.52	99.13	0	N	500	-46.2	-0.2	0.0	20.0	0.0	57.3	0.4	16.8	0.0	0.0	0.0	0.0	0.0	0.0
888	1497.92	605.52	99.13	0	E	500	53.8	-0.2	0.0	20.0	0.0	57.3	0.4	16.8	0.0	0.0	0.0	0.0	0.0	-0.8
941	1459.15	601.21	99.74	0	D	500	56.8	9.9	0.0	20.0	0.0	55.4	0.3	16.6	0.0	0.0	1.5	0.0	0.0	12.8
941	1459.15	601.21	99.74	0	N	500	-46.2	9.9	0.0	20.0	0.0	55.4	0.3	16.6	0.0	0.0	1.5	0.0	0.0	0.0
941	1459.15	601.21	99.74	0	E	500	53.8	9.9	0.0	20.0	0.0	55.4	0.3	16.6	0.0	0.0	1.5	0.0	0.0	9.8
943	1464.40	602.94	99.65	0	D	500	56.8	1.1	0.0	20.0	0.0	55.7	0.3	16.7	0.0	0.0	0.0	0.0	0.0	5.2
943	1464.40	602.94	99.65	0	N	500	-46.2	1.1	0.0	20.0	0.0	55.7	0.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0
943	1464.40	602.94	99.65	0	E	500	53.8	1.1	0.0	20.0	0.0	55.7	0.3	16.7	0.0	0.0	0.0	0.0	0.0	2.2
945	1480.76	608.34	99.37	0	D	500	56.8	15.2	0.0	20.0	0.0	56.5	0.4	16.9	0.0	0.0	0.0	0.0	0.0	18.2
945	1480.76	608.34	99.37	0	N	500	-46.2	15.2	0.0	20.0	0.0	56.5	0.4	16.9	0.0	0.0	0.0	0.0	0.0	0.0
945	1480.76	608.34	99.37	0	E	500	53.8	15.2	0.0	20.0	0.0	56.5	0.4	16.9	0.0	0.0	0.0	0.0	0.0	15.2
951	1478.25	607.50	99.42	0	D	500	56.8	14.4	0.0	20.0	0.0	56.4	0.4	16.9	0.0	0.0	0.0	0.0	0.0	17.6
951	1478.25	607.50	99.42	0	N	500	-46.2	14.4	0.0	20.0	0.0	56.4	0.4	16.9	0.0	0.0	0.0	0.0	0.0	0.0
951	1478.25	607.50	99.42	0	E	500	53.8	14.4	0.0	20.0	0.0	56.4	0.4	16.9	0.0	0.0	0.0	0.0	0.0	-85.4
958	1464.41	602.94	99.65	0	D	500	56.8	1.1	0.0	20.0	0.0	55.7	0.3	16.7	0.0	0.0	0.0	0.0	0.0	5.2

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
958	1464.41	602.94	99.65	0	N	500	-46.2	1.1	0.0	20.0	0.0	55.7	0.3	16.7	0.0	0.0	0.0	0.0	0.0	-97.8
958	1464.41	602.94	99.65	0	E	500	53.8	1.1	0.0	20.0	0.0	55.7	0.3	16.7	0.0	0.0	0.0	0.0	0.0	2.2
962	1459.15	601.21	99.74	0	D	500	56.8	9.9	0.0	20.0	0.0	55.4	0.3	16.6	0.0	0.0	1.5	0.0	0.0	12.8
962	1459.15	601.21	99.74	0	N	500	-46.2	9.9	0.0	20.0	0.0	55.4	0.3	16.6	0.0	0.0	1.5	0.0	0.0	-90.2
962	1459.15	601.21	99.74	0	E	500	53.8	9.9	0.0	20.0	0.0	55.4	0.3	16.6	0.0	0.0	1.5	0.0	0.0	9.8
968	1499.23	610.65	99.11	0	D	500	56.8	9.9	0.0	20.0	0.0	57.3	0.4	16.9	0.0	0.0	0.0	0.0	0.0	12.1
968	1499.23	610.65	99.11	0	N	500	-46.2	9.9	0.0	20.0	0.0	57.3	0.4	16.9	0.0	0.0	0.0	0.0	0.0	-90.9
968	1499.23	610.65	99.11	0	E	500	53.8	9.9	0.0	20.0	0.0	57.3	0.4	16.9	0.0	0.0	0.0	0.0	0.0	9.1
975	1502.35	620.64	99.06	0	D	500	56.8	10.5	0.0	20.0	0.0	57.5	0.4	17.2	0.0	0.0	0.0	0.0	0.0	12.2
975	1502.35	620.64	99.06	0	N	500	-46.2	10.5	0.0	20.0	0.0	57.5	0.4	17.2	0.0	0.0	0.0	0.0	0.0	-90.8
975	1502.35	620.64	99.06	0	E	500	53.8	10.5	0.0	20.0	0.0	57.5	0.4	17.2	0.0	0.0	0.0	0.0	0.0	9.2
979	1505.09	629.41	99.02	0	D	500	56.8	8.6	0.0	20.0	0.0	57.7	0.4	17.5	0.0	0.0	0.0	0.0	0.0	9.8
979	1505.09	629.41	99.02	0	N	500	-46.2	8.6	0.0	20.0	0.0	57.7	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-93.2
979	1505.09	629.41	99.02	0	E	500	53.8	8.6	0.0	20.0	0.0	57.7	0.4	17.5	0.0	0.0	0.0	0.0	0.0	6.8
983	1503.58	629.16	99.03	0	D	500	56.8	9.6	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	10.8
983	1503.58	629.16	99.03	0	N	500	-46.2	9.6	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-92.2
983	1503.58	629.16	99.03	0	E	500	53.8	9.6	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	7.8
987	1497.32	620.22	99.12	0	D	500	56.8	11.1	0.0	20.0	0.0	57.3	0.4	17.2	0.0	0.0	0.0	0.0	0.0	13.0
987	1497.32	620.22	99.12	0	N	500	-46.2	11.1	0.0	20.0	0.0	57.3	0.4	17.2	0.0	0.0	0.0	0.0	0.0	-90.0
987	1497.32	620.22	99.12	0	E	500	53.8	11.1	0.0	20.0	0.0	57.3	0.4	17.2	0.0	0.0	0.0	0.0	0.0	10.0
991	1492.56	613.42	99.18	0	D	500	56.8	5.8	0.0	20.0	0.0	57.1	0.4	17.0	0.0	0.0	0.0	0.0	0.0	8.1
991	1492.56	613.42	99.18	0	N	500	-46.2	5.8	0.0	20.0	0.0	57.1	0.4	17.0	0.0	0.0	0.0	0.0	0.0	-94.9
991	1492.56	613.42	99.18	0	E	500	53.8	5.8	0.0	20.0	0.0	57.1	0.4	17.0	0.0	0.0	0.0	0.0	0.0	5.1
1081	1496.51	611.23	99.12	0	D	500	56.8	6.6	0.0	20.0	0.0	57.2	0.4	16.9	0.0	0.0	0.0	0.0	0.0	8.9
1081	1496.51	611.23	99.12	0	N	500	-46.2	6.6	0.0	20.0	0.0	57.2	0.4	16.9	0.0	0.0	0.0	0.0	0.0	-94.1
1081	1496.51	611.23	99.12	0	E	500	53.8	6.6	0.0	20.0	0.0	57.2	0.4	16.9	0.0	0.0	0.0	0.0	0.0	5.9









Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
818	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.2	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	27.0

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
820	1397.02	510.51	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	54.8	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	27.6
820	1397.02	510.51	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	54.8	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	24.6
820	1397.02	510.51	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.8	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	26.4

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
822	1397.02	506.10	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	54.9	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	27.4
822	1397.02	506.10	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	54.9	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	24.4
822	1397.02	506.10	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.9	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
824	1424.96	513.03	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	55.9	1.0	-1.9	0.0	0.0	0.0	0.0	0.0	27.1
824	1424.96	513.03	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	55.9	1.0	-1.9	0.0	0.0	0.0	0.0	0.0	24.1
824	1424.96	513.03	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	55.9	1.0	-1.9	0.0	0.0	0.0	0.0	0.0	25.9

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
826	1405.42	511.56	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	55.1	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	27.2
826	1405.42	511.56	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	55.1	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	24.2
826	1405.42	511.56	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	55.1	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	26.0

Line Source, ISO 9613, Name: "Forklift", ID: "b05\_Forklift"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
472	1291.09	560.88	100.23	0	D	A	66.5	12.0	0.0	0.0	0.0	45.1	0.3	1.2	0.0	0.0	15.8	0.0	0.0	16.2
472	1291.09	560.88	100.23	0	N	A	-46.5	12.0	0.0	0.0	0.0	45.1	0.3	1.2	0.0	0.0	15.8	0.0	0.0	-96.8
472	1291.09	560.88	100.23	0	E	A	63.5	12.0	0.0	0.0	0.0	45.1	0.3	1.2	0.0	0.0	15.8	0.0	0.0	13.2
474	1306.10	566.27	100.23	0	D	A	66.5	12.0	0.0	0.0	0.0	45.3	0.3	1.3	0.0	0.0	15.2	0.0	0.0	16.4
474	1306.10	566.27	100.23	0	N	A	-46.5	12.0	0.0	0.0	0.0	45.3	0.3	1.3	0.0	0.0	15.2	0.0	0.0	-96.6
474	1306.10	566.27	100.23	0	E	A	63.5	12.0	0.0	0.0	0.0	45.3	0.3	1.3	0.0	0.0	15.2	0.0	0.0	13.4
487	1321.11	571.67	100.23	0	D	A	66.5	12.0	0.0	0.0	0.0	46.2	0.3	1.0	0.0	0.0	14.9	0.0	0.0	16.1
487	1321.11	571.67	100.23	0	N	A	-46.5	12.0	0.0	0.0	0.0	46.2	0.3	1.0	0.0	0.0	14.9	0.0	0.0	-96.9
487	1321.11	571.67	100.23	0	E	A	63.5	12.0	0.0	0.0	0.0	46.2	0.3	1.0	0.0	0.0	14.9	0.0	0.0	13.1
490	1336.13	577.07	100.23	0	D	A	66.5	12.0	0.0	0.0	0.0	47.5	0.4	1.7	0.0	0.0	13.2	0.0	0.0	15.8
490	1336.13	577.07	100.23	0	N	A	-46.5	12.0	0.0	0.0	0.0	47.5	0.4	1.7	0.0	0.0	13.2	0.0	0.0	-97.2
490	1336.13	577.07	100.23	0	E	A	63.5	12.0	0.0	0.0	0.0	47.5	0.4	1.7	0.0	0.0	13.2	0.0	0.0	12.8
499	1358.64	585.17	100.23	0	D	A	66.5	15.0	0.0	0.0	0.0	49.5	0.4	1.1	0.0	0.0	10.5	0.0	0.0	20.0
499	1358.64	585.17	100.23	0	N	A	-46.5	15.0	0.0	0.0	0.0	49.5	0.4	1.1	0.0	0.0	10.5	0.0	0.0	-93.0
499	1358.64	585.17	100.23	0	E	A	63.5	15.0	0.0	0.0	0.0	49.5	0.4	1.1	0.0	0.0	10.5	0.0	0.0	17.0
508	1388.67	595.96	100.24	0	D	A	66.5	15.0	0.0	0.0	0.0	52.0	0.6	1.1	0.0	0.0	8.0	0.0	0.0	19.9
508	1388.67	595.96	100.24	0	N	A	-46.5	15.0	0.0	0.0	0.0	52.0	0.6	1.1	0.0	0.0	8.0	0.0	0.0	-93.1
508	1388.67	595.96	100.24	0	E	A	63.5	15.0	0.0	0.0	0.0	52.0	0.6	1.1	0.0	0.0	8.0	0.0	0.0	16.9
528	1313.37	473.69	100.87	0	D	A	66.5	11.8	0.0	0.0	0.0	53.9	0.7	-2.2	0.0	0.0	12.7	0.0	0.0	13.3
528	1313.37	473.69	100.87	0	N	A	-46.5	11.8	0.0	0.0	0.0	53.9	0.7	-2.2	0.0	0.0	12.7	0.0	0.0	-99.8
528	1313.37	473.69	100.87	0	E	A	63.5	11.8	0.0	0.0	0.0	53.9	0.7	-2.2	0.0	0.0	12.7	0.0	0.0	10.2
537	1308.02	488.88	100.76	0	D	A	66.5	12.3	0.0	0.0	0.0	52.8	0.6	-2.4	0.0	0.0	12.3	0.0	0.0	15.5
537	1308.02	488.88	100.76	0	N	A	-46.5	12.3	0.0	0.0	0.0	52.8	0.6	-2.4	0.0	0.0	12.3	0.0	0.0	-97.5
537	1308.02	488.88	100.76	0	E	A	63.5	12.3	0.0	0.0	0.0	52.8	0.6	-2.4	0.0	0.0	12.3	0.0	0.0	12.5
539	1303.56	501.53	100.66	0	D	A	66.5	9.9	0.0	0.0	0.0	51.8	0.5	-2.1	0.0	0.0	17.1	0.0	0.0	9.0
539	1303.56	501.53	100.66	0	N	A	-46.5	9.9	0.0	0.0	0.0	51.8	0.5	-2.1	0.0	0.0	17.1	0.0	0.0	-104.0
539	1303.56	501.53	100.66	0	E	A	63.5	9.9	0.0	0.0	0.0	51.8	0.5	-2.1	0.0	0.0	17.1	0.0	0.0	6.0
541	1295.52	524.31	100.49	0	D	A	66.5	15.9	0.0	0.0	0.0	49.7	0.4	-2.2	0.0	0.0	16.6	0.0	0.0	17.8
541	1295.52	524.31	100.49	0	N	A	-46.5	15.9	0.0	0.0	0.0	49.7	0.4	-2.2	0.0	0.0	16.6	0.0	0.0	-95.2
541	1295.52	524.31	100.49	0	E	A	63.5	15.9	0.0	0.0	0.0	49.7	0.4	-2.2	0.0	0.0	16.6	0.0	0.0	14.8
543	1288.73	543.59	100.34	0	D	A	66.5	3.8	0.0	0.0	0.0	47.5	0.3	-0.7	0.0	0.0	17.9	0.0	0.0	5.3



Line Source, ISO 9613, Name: "Forklift", ID: "b05\_Forklift"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
543	1288.73	543.59	100.34	0	N	A	-46.5	3.8	0.0	0.0	0.0	47.5	0.3	-0.7	0.0	0.0	17.9	0.0	0.0	-107.7
543	1288.73	543.59	100.34	0	E	A	63.5	3.8	0.0	0.0	0.0	47.5	0.3	-0.7	0.0	0.0	17.9	0.0	0.0	2.3
571	1287.06	548.33	100.30	0	D	A	66.5	8.8	0.0	0.0	0.0	46.8	0.3	-0.1	0.0	0.0	12.8	0.0	0.0	15.5
571	1287.06	548.33	100.30	0	N	A	-46.5	8.8	0.0	0.0	0.0	46.8	0.3	-0.1	0.0	0.0	12.8	0.0	0.0	-97.5
571	1287.06	548.33	100.30	0	E	A	63.5	8.8	0.0	0.0	0.0	46.8	0.3	-0.1	0.0	0.0	12.8	0.0	0.0	12.5
573	1284.68	555.06	100.25	0	D	A	66.5	8.2	0.0	0.0	0.0	45.8	0.3	1.0	0.0	0.0	14.6	0.0	0.0	13.1
573	1284.68	555.06	100.25	0	N	A	-46.5	8.2	0.0	0.0	0.0	45.8	0.3	1.0	0.0	0.0	14.6	0.0	0.0	-99.9
573	1284.68	555.06	100.25	0	E	A	63.5	8.2	0.0	0.0	0.0	45.8	0.3	1.0	0.0	0.0	14.6	0.0	0.0	10.1
814	1413.21	604.70	100.24	0	D	A	66.5	13.1	0.0	0.0	0.0	53.7	0.7	0.6	0.0	0.0	5.6	0.0	0.0	19.0
814	1413.21	604.70	100.24	0	N	A	-46.5	13.1	0.0	0.0	0.0	53.7	0.7	0.6	0.0	0.0	5.6	0.0	0.0	-94.0
814	1413.21	604.70	100.24	0	E	A	63.5	13.1	0.0	0.0	0.0	53.7	0.7	0.6	0.0	0.0	5.6	0.0	0.0	16.0
816	1441.35	614.57	100.25	0	D	A	66.5	16.0	0.0	0.0	0.0	55.3	0.8	-0.1	0.0	0.0	4.8	0.0	0.0	21.7
816	1441.35	614.57	100.25	0	N	A	-46.5	16.0	0.0	0.0	0.0	55.3	0.8	-0.1	0.0	0.0	4.8	0.0	0.0	-91.4
816	1441.35	614.57	100.25	0	E	A	63.5	16.0	0.0	0.0	0.0	55.3	0.8	-0.1	0.0	0.0	4.8	0.0	0.0	18.6
831	1507.97	586.89	100.14	0	D	A	66.5	16.2	0.0	0.0	0.0	58.3	1.0	-2.5	0.0	0.0	16.9	0.0	0.0	9.0
831	1507.97	586.89	100.14	0	N	A	-46.5	16.2	0.0	0.0	0.0	58.3	1.0	-2.5	0.0	0.0	16.9	0.0	0.0	-104.0
831	1507.97	586.89	100.14	0	E	A	63.5	16.2	0.0	0.0	0.0	58.3	1.0	-2.5	0.0	0.0	16.9	0.0	0.0	6.0
833	1517.52	554.44	100.28	0	D	A	66.5	14.1	0.0	0.0	0.0	58.8	1.1	-2.9	0.0	0.0	11.8	0.0	0.0	11.9
833	1517.52	554.44	100.28	0	N	A	-46.5	14.1	0.0	0.0	0.0	58.8	1.1	-2.9	0.0	0.0	11.8	0.0	0.0	-101.1
833	1517.52	554.44	100.28	0	E	A	63.5	14.1	0.0	0.0	0.0	58.8	1.1	-2.9	0.0	0.0	11.8	0.0	0.0	8.9
843	1476.77	615.45	100.18	0	D	A	66.5	15.5	0.0	0.0	0.0	57.0	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	25.7
843	1476.77	615.45	100.18	0	N	A	-46.5	15.5	0.0	0.0	0.0	57.0	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	-87.3
843	1476.77	615.45	100.18	0	E	A	63.5	15.5	0.0	0.0	0.0	57.0	0.9	-1.6	0.0	0.0	0.0	0.0	0.0	22.7
845	1494.27	609.57	100.10	0	D	A	66.5	1.7	0.0	0.0	0.0	57.7	1.0	-1.9	0.0	0.0	3.3	0.0	0.0	8.2
845	1494.27	609.57	100.10	0	N	A	-46.5	1.7	0.0	0.0	0.0	57.7	1.0	-1.9	0.0	0.0	3.3	0.0	0.0	-104.8
845	1494.27	609.57	100.10	0	E	A	63.5	1.7	0.0	0.0	0.0	57.7	1.0	-1.9	0.0	0.0	3.3	0.0	0.0	5.2
860	1497.07	608.63	100.09	0	D	A	66.5	6.4	0.0	0.0	0.0	57.8	1.0	-2.1	0.0	0.0	4.2	0.0	0.0	12.0
860	1497.07	608.63	100.09	0	N	A	-46.5	6.4	0.0	0.0	0.0	57.8	1.0	-2.1	0.0	0.0	4.2	0.0	0.0	-101.0
860	1497.07	608.63	100.09	0	E	A	63.5	6.4	0.0	0.0	0.0	57.8	1.0	-2.1	0.0	0.0	4.2	0.0	0.0	9.0
866	1500.61	607.44	100.07	0	D	A	66.5	4.9	0.0	0.0	0.0	58.0	1.0	-2.1	0.0	0.0	5.0	0.0	0.0	9.5
866	1500.61	607.44	100.07	0	N	A	-46.5	4.9	0.0	0.0	0.0	58.0	1.0	-2.1	0.0	0.0	5.0	0.0	0.0	-103.5
866	1500.61	607.44	100.07	0	E	A	63.5	4.9	0.0	0.0	0.0	58.0	1.0	-2.1	0.0	0.0	5.0	0.0	0.0	6.5

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S\_BoxTruck"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
575	1544.98	464.72	97.94	0	D	500	56.8	15.2	0.0	20.0	0.0	60.6	0.6	11.4	0.0	0.0	3.2	0.0	0.0	16.2
575	1544.98	464.72	97.94	0	N	500	-46.2	15.2	0.0	20.0	0.0	60.6	0.6	11.4	0.0	0.0	3.2	0.0	0.0	-86.8
575	1544.98	464.72	97.94	0	E	500	53.8	15.2	0.0	20.0	0.0	60.6	0.6	11.4	0.0	0.0	3.2	0.0	0.0	13.2
583	1533.83	498.09	98.22	0	D	500	56.8	15.7	0.0	20.0	0.0	59.9	0.5	11.6	0.0	0.0	5.2	0.0	0.0	15.3
583	1533.83	498.09	98.22	0	N	500	-46.2	15.7	0.0	20.0	0.0	59.9	0.5	11.6	0.0	0.0	5.2	0.0	0.0	-87.7
583	1533.83	498.09	98.22	0	E	500	53.8	15.7	0.0	20.0	0.0	59.9	0.5	11.6	0.0	0.0	5.2	0.0	0.0	12.3
606	1523.59	528.71	98.48	0	D	500	56.8	14.4	0.0	20.0	0.0	59.2	0.5	11.7	0.0	0.0	5.2	0.0	0.0	14.6
606	1523.59	528.71	98.48	0	N	500	-46.2	14.4	0.0	20.0	0.0	59.2	0.5	11.7	0.0	0.0	5.2	0.0	0.0	-88.4
606	1523.59	528.71	98.48	0	E	500	53.8	14.4	0.0	20.0	0.0	59.2	0.5	11.7	0.0	0.0	5.2	0.0	0.0	11.6
614	1517.54	546.81	98.63	0	D	500	56.8	10.3	0.0	20.0	0.0	58.9	0.5	11.9	0.0	0.0	0.0	0.0	0.0	15.8
614	1517.54	546.81	98.63	0	N	500	-46.2	10.3	0.0	20.0	0.0	58.9	0.5	11.9	0.0	0.0	0.0	0.0	0.0	-87.2
614	1517.54	546.81	98.63	0	E	500	53.8	10.3	0.0	20.0	0.0	58.9	0.5	11.9	0.0	0.0	0.0	0.0	0.0	12.8
616	1506.81	578.91	98.90	0	D	500	56.8	17.6	0.0	20.0	0.0	58.3	0.4	12.2	0.0	0.0	0.0	0.0	0.0	23.5
616	1506.81	578.91	98.90	0	N	500	-46.2	17.6	0.0	20.0	0.0	58.3	0.4	12.2	0.0	0.0	0.0	0.0	0.0	-79.5
616	1506.81	578.91	98.90	0	E	500	53.8	17.6	0.0	20.0	0.0	58.3	0.4	12.2	0.0	0.0	0.0	0.0	0.0	20.5
682	1463.35	602.60	99.67	0	D	500	56.8	12.7	0.0	20.0	0.0	56.4	0.4	12.6	0.0	0.0	3.1	0.0	0.0	17.0
682	1463.35	602.60	99.67	0	N	500	-46.2	12.7	0.0	20.0	0.0	56.4	0.4	12.6	0.0	0.0	3.1	0.0	0.0	-86.0
682	1463.35	602.60	99.67	0	E	500	53.8	12.7	0.0	20.0	0.0	56.4	0.4	12.6	0.0	0.0	3.1	0.0	0.0	14.0
683	1475.90	606.74	99.46	0	D	500	56.8	8.9	0.0	20.0	0.0	56.9	0.4	12.7	0.0	0.0	0.0	0.0	0.0	15.7
683	1475.90	606.74	99.46	0	N	500	-46.2	8.9	0.0	20.0	0.0	56.9	0.4	12.7	0.0	0.0	0.0	0.0	0.0	-87.3
683	1475.90	606.74	99.46	0	E	500	53.8	8.9	0.0	20.0	0.0	56.9	0.4	12.7	0.0	0.0	0.0	0.0	0.0	12.7
692	1481.59	608.62	99.36	0	D	500	56.8	6.2	0.0	20.0	0.0	57.2	0.4	12.6	0.0	0.0	0.0	0.0	0.0	12.8
692	1481.59	608.62	99.36	0	N	500	-46.2	6.2	0.0	20.0	0.0	57.2	0.4	12.6	0.0	0.0	0.0	0.0	0.0	-90.2
692	1481.59	608.62	99.36	0	E	500	53.8	6.2	0.0	20.0	0.0	57.2	0.4	12.6	0.0	0.0	0.0	0.0	0.0	9.8
713	1484.30	609.51	99.31	0	D	500	56.8	1.8	0.0	20.0	0.0	57.3	0.4	12.7	0.0	0.0	0.0	0.0	0.0	8.2
713	1484.30	609.51	99.31	0	N	500	-46.2	1.8	0.0	20.0	0.0	57.3	0.4	12.7	0.0	0.0	0.0	0.0	0.0	-94.8
713	1484.30	609.51	99.31	0	E	500	53.8	1.8	0.0	20.0	0.0	57.3	0.4	12.7	0.0	0.0	0.0	0.0	0.0	5.2
727	1490.76	611.64	99.21	0	D	500	56.8	10.8	0.0	20.0	0.0	57.6	0.4	12.7	0.0	0.0	0.0	0.0	0.0	17.0

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
727	1490.76	611.64	99.21	0	N	500	-46.2	10.8	0.0	20.0	0.0	57.6	0.4	12.7	0.0	0.0	0.0	0.0	0.0	-86.0	
727	1490.76	611.64	99.21	0	E	500	53.8	10.8	0.0	20.0	0.0	57.6	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	14.0
738	1488.26	610.80	99.25	0	D	500	56.8	8.3	0.0	20.0	0.0	57.5	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	14.6
738	1488.26	610.80	99.25	0	N	500	-46.2	8.3	0.0	20.0	0.0	57.5	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	-88.5
738	1488.26	610.80	99.25	0	E	500	53.8	8.3	0.0	20.0	0.0	57.5	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	11.5
740	1484.34	609.51	99.31	0	D	500	56.8	1.8	0.0	20.0	0.0	57.3	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	8.2
740	1484.34	609.51	99.31	0	N	500	-46.2	1.8	0.0	20.0	0.0	57.3	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	-94.8
740	1484.34	609.51	99.31	0	E	500	53.8	1.8	0.0	20.0	0.0	57.3	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	5.2
748	1481.63	608.62	99.36	0	D	500	56.8	6.2	0.0	20.0	0.0	57.2	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	12.8
748	1481.63	608.62	99.36	0	N	500	-46.2	6.2	0.0	20.0	0.0	57.2	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	-90.2
748	1481.63	608.62	99.36	0	E	500	53.8	6.2	0.0	20.0	0.0	57.2	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	9.8
750	1475.84	606.71	99.46	0	D	500	56.8	9.0	0.0	20.0	0.0	56.9	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	15.8
750	1475.84	606.71	99.46	0	N	500	-46.2	9.0	0.0	20.0	0.0	56.9	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	-87.2
750	1475.84	606.71	99.46	0	E	500	53.8	9.0	0.0	20.0	0.0	56.9	0.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	12.8
752	1463.28	602.57	99.67	0	D	500	56.8	12.7	0.0	20.0	0.0	56.4	0.4	12.6	0.0	0.0	3.2	0.0	0.0	0.0	17.0
752	1463.28	602.57	99.67	0	N	500	-46.2	12.7	0.0	20.0	0.0	56.4	0.4	12.6	0.0	0.0	3.2	0.0	0.0	0.0	-86.0
752	1463.28	602.57	99.67	0	E	500	53.8	12.7	0.0	20.0	0.0	56.4	0.4	12.6	0.0	0.0	3.2	0.0	0.0	0.0	14.0
784	1498.07	606.95	99.13	0	D	500	56.8	3.1	0.0	20.0	0.0	57.9	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1
784	1498.07	606.95	99.13	0	N	500	-46.2	3.1	0.0	20.0	0.0	57.9	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	-93.9
784	1498.07	606.95	99.13	0	E	500	53.8	3.1	0.0	20.0	0.0	57.9	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	6.1
786	1498.60	608.64	99.12	0	D	500	56.8	1.7	0.0	20.0	0.0	57.9	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	7.7
786	1498.60	608.64	99.12	0	N	500	-46.2	1.7	0.0	20.0	0.0	57.9	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	-95.3
786	1498.60	608.64	99.12	0	E	500	53.8	1.7	0.0	20.0	0.0	57.9	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	4.7
792	1502.49	621.11	99.06	0	D	500	56.8	13.9	0.0	20.0	0.0	58.0	0.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	19.4
792	1502.49	621.11	99.06	0	N	500	-46.2	13.9	0.0	20.0	0.0	58.0	0.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	-83.6
792	1502.49	621.11	99.06	0	E	500	53.8	13.9	0.0	20.0	0.0	58.0	0.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	16.4
803	1498.82	622.36	99.10	0	D	500	56.8	14.1	0.0	20.0	0.0	57.9	0.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	19.7
803	1498.82	622.36	99.10	0	N	500	-46.2	14.1	0.0	20.0	0.0	57.9	0.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	-83.3
803	1498.82	622.36	99.10	0	E	500	53.8	14.1	0.0	20.0	0.0	57.9	0.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	16.7
877	1496.51	611.68	99.12	0	D	500	56.8	5.7	0.0	20.0	0.0	57.8	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	11.6
877	1496.51	611.68	99.12	0	N	500	-46.2	5.7	0.0	20.0	0.0	57.8	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	-91.4
877	1496.51	611.68	99.12	0	E	500	53.8	5.7	0.0	20.0	0.0	57.8	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	8.6
883	1496.51	609.37	99.13	0	D	500	56.8	-0.4	0.0	20.0	0.0	57.8	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	5.6
883	1496.51	609.37	99.13	0	N	500	-46.2	-0.4	0.0	20.0	0.0	57.8	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	-97.4
883	1496.51	609.37	99.13	0	E	500	53.8	-0.4	0.0	20.0	0.0	57.8	0.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6







Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
950	1416.13	552.30	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	54.6	0.7	0.9	0.0	0.0	0.0	0.0	0.0	28.6
950	1416.13	552.30	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	54.6	0.7	0.9	0.0	0.0	0.0	0.0	0.0	30.3

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
970	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.3	0.7	1.3	0.0	0.0	0.0	0.0	0.0	30.5
970	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.3	0.7	1.3	0.0	0.0	0.0	0.0	0.0	27.5
970	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.3	0.7	1.3	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
980	1422.86	532.56	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	55.3	0.7	0.9	0.0	0.0	0.0	0.0	0.0	30.8
980	1422.86	532.56	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	55.3	0.7	0.9	0.0	0.0	0.0	0.0	0.0	27.8
980	1422.86	532.56	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	55.3	0.7	0.9	0.0	0.0	0.0	0.0	0.0	29.6

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
984	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.6	0.8	1.2	0.0	0.0	0.0	0.0	0.0	29.1
984	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.6	0.8	1.2	0.0	0.0	0.0	0.0	0.0	26.1
984	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.6	0.8	1.2	0.0	0.0	0.0	0.0	0.0	27.9

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
999	1377.28	504.21	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	54.1	0.8	0.6	0.0	0.0	0.0	0.0	0.0	26.5
999	1377.28	504.21	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	54.1	0.8	0.6	0.0	0.0	0.0	0.0	0.0	23.5
999	1377.28	504.21	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	54.1	0.8	0.6	0.0	0.0	0.0	0.0	0.0	25.3

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
521	1308.55	469.04	101.06	0	D	A	70.6	9.9	0.0	0.0	0.0	53.9	0.6	-0.5	0.0	0.0	5.7	0.0	0.0	20.9
521	1308.55	469.04	101.06	0	N	A	-34.1	9.9	0.0	0.0	0.0	53.9	0.6	-0.5	0.0	0.0	5.7	0.0	0.0	-83.9
521	1308.55	469.04	101.06	0	E	A	65.9	9.9	0.0	0.0	0.0	53.9	0.6	-0.5	0.0	0.0	5.7	0.0	0.0	16.1
523	1301.74	490.40	100.97	0	D	A	70.6	15.5	0.0	0.0	0.0	52.3	0.5	-0.4	0.0	0.0	6.3	0.0	0.0	27.3
523	1301.74	490.40	100.97	0	N	A	-34.1	15.5	0.0	0.0	0.0	52.3	0.5	-0.4	0.0	0.0	6.3	0.0	0.0	-77.5
523	1301.74	490.40	100.97	0	E	A	65.9	15.5	0.0	0.0	0.0	52.3	0.5	-0.4	0.0	0.0	6.3	0.0	0.0	22.5
525	1291.05	523.90	100.83	0	D	A	70.6	15.5	0.0	0.0	0.0	49.3	0.4	0.2	0.0	0.0	8.8	0.0	0.0	27.4
525	1291.05	523.90	100.83	0	N	A	-34.1	15.5	0.0	0.0	0.0	49.3	0.4	0.2	0.0	0.0	8.8	0.0	0.0	-77.3
525	1291.05	523.90	100.83	0	E	A	65.9	15.5	0.0	0.0	0.0	49.3	0.4	0.2	0.0	0.0	8.8	0.0	0.0	22.7
527	1285.27	542.02	100.76	0	D	A	70.6	4.6	0.0	0.0	0.0	47.0	0.3	1.2	0.0	0.0	11.2	0.0	0.0	15.5
527	1285.27	542.02	100.76	0	N	A	-34.1	4.6	0.0	0.0	0.0	47.0	0.3	1.2	0.0	0.0	11.2	0.0	0.0	-89.2
527	1285.27	542.02	100.76	0	E	A	65.9	4.6	0.0	0.0	0.0	47.0	0.3	1.2	0.0	0.0	11.2	0.0	0.0	10.8
542	1283.57	547.38	100.74	0	D	A	70.6	9.2	0.0	0.0	0.0	46.2	0.3	1.5	0.0	0.0	12.3	0.0	0.0	19.6
542	1283.57	547.38	100.74	0	N	A	-34.1	9.2	0.0	0.0	0.0	46.2	0.3	1.5	0.0	0.0	12.3	0.0	0.0	-85.2
542	1283.57	547.38	100.74	0	E	A	65.9	9.2	0.0	0.0	0.0	46.2	0.3	1.5	0.0	0.0	12.3	0.0	0.0	14.8
1001	1318.00	441.39	101.11	0	D	A	70.6	16.1	0.0	0.0	0.0	55.5	0.7	-0.8	0.0	0.0	5.9	0.0	0.0	25.4
1001	1318.00	441.39	101.11	0	N	A	-34.1	16.1	0.0	0.0	0.0	55.5	0.7	-0.8	0.0	0.0	5.9	0.0	0.0	-79.4
1001	1318.00	441.39	101.11	0	E	A	65.9	16.1	0.0	0.0	0.0	55.5	0.7	-0.8	0.0	0.0	5.9	0.0	0.0	20.6
1003	1310.70	462.46	101.08	0	D	A	70.6	5.5	0.0	0.0	0.0	54.3	0.6	-0.7	0.0	0.0	5.7	0.0	0.0	16.2
1003	1310.70	462.46	101.08	0	N	A	-34.1	5.5	0.0	0.0	0.0	54.3	0.6	-0.7	0.0	0.0	5.7	0.0	0.0	-88.5
1003	1310.70	462.46	101.08	0	E	A	65.9	5.5	0.0	0.0	0.0	54.3	0.6	-0.7	0.0	0.0	5.7	0.0	0.0	11.5
1006	1310.06	464.29	101.08	0	D	A	70.6	-5.2	0.0	0.0	0.0	54.2	0.6	-0.7	0.0	0.0	5.8	0.0	0.0	5.6
1006	1310.06	464.29	101.08	0	N	A	-34.1	-5.2	0.0	0.0	0.0	54.2	0.6	-0.7	0.0	0.0	5.8	0.0	0.0	-99.1
1006	1310.06	464.29	101.08	0	E	A	65.9	-5.2	0.0	0.0	0.0	54.2	0.6	-0.7	0.0	0.0	5.8	0.0	0.0	0.9

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1009	1372.24	498.96	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	54.1	0.6	0.8	0.0	0.0	0.0	0.0	0.0	25.6
1009	1372.24	498.96	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	54.1	0.6	0.8	0.0	0.0	0.0	0.0	0.0	22.6

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
1009	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.1	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	24.4

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
1017	1397.02	510.51	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	54.7	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	24.5
1017	1397.02	510.51	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	54.7	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	21.5
1017	1397.02	510.51	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.7	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	23.3

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
1020	1397.02	506.10	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	54.9	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	24.4
1020	1397.02	506.10	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	54.9	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	21.4
1020	1397.02	506.10	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	54.9	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
1022	1424.96	513.03	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	55.9	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	24.4
1022	1424.96	513.03	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	55.9	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	21.4
1022	1424.96	513.03	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	55.9	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
1025	1405.42	511.56	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	55.1	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	24.1
1025	1405.42	511.56	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	55.1	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	21.1
1025	1405.42	511.56	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	55.1	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	22.9

Line Source, ISO 9613, Name: "Forklift", ID: "b05\_Forklift"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
550	1290.03	560.50	100.23	0	D	A	66.5	11.4	0.0	0.0	0.0	44.4	0.3	1.7	0.0	0.0	15.9	0.0	0.0	15.7
550	1290.03	560.50	100.23	0	N	A	-46.5	11.4	0.0	0.0	0.0	44.4	0.3	1.7	0.0	0.0	15.9	0.0	0.0	-97.3
550	1290.03	560.50	100.23	0	E	A	63.5	11.4	0.0	0.0	0.0	44.4	0.3	1.7	0.0	0.0	15.9	0.0	0.0	12.7
551	1298.66	563.60	100.23	0	D	A	66.5	6.6	0.0	0.0	0.0	44.5	0.3	2.0	0.0	0.0	15.5	0.0	0.0	11.0
551	1298.66	563.60	100.23	0	N	A	-46.5	6.6	0.0	0.0	0.0	44.5	0.3	2.0	0.0	0.0	15.5	0.0	0.0	-102.0
551	1298.66	563.60	100.23	0	E	A	63.5	6.6	0.0	0.0	0.0	44.5	0.3	2.0	0.0	0.0	15.5	0.0	0.0	8.0
566	1301.83	564.74	100.23	0	D	A	66.5	3.3	0.0	0.0	0.0	44.7	0.3	1.6	0.0	0.0	15.7	0.0	0.0	7.6
566	1301.83	564.74	100.23	0	N	A	-46.5	3.3	0.0	0.0	0.0	44.7	0.3	1.6	0.0	0.0	15.7	0.0	0.0	-105.5
566	1301.83	564.74	100.23	0	E	A	63.5	3.3	0.0	0.0	0.0	44.7	0.3	1.6	0.0	0.0	15.7	0.0	0.0	4.5
587	1303.39	565.30	100.23	0	D	A	66.5	0.7	0.0	0.0	0.0	44.8	0.3	1.9	0.0	0.0	15.3	0.0	0.0	5.0
587	1303.39	565.30	100.23	0	N	A	-46.5	0.7	0.0	0.0	0.0	44.8	0.3	1.9	0.0	0.0	15.3	0.0	0.0	-108.0
587	1303.39	565.30	100.23	0	E	A	63.5	0.7	0.0	0.0	0.0	44.8	0.3	1.9	0.0	0.0	15.3	0.0	0.0	2.0
589	1304.42	565.67	100.23	0	D	A	66.5	0.0	0.0	0.0	0.0	44.8	0.3	1.9	0.0	0.0	15.3	0.0	0.0	4.3
589	1304.42	565.67	100.23	0	N	A	-46.5	0.0	0.0	0.0	0.0	44.8	0.3	1.9	0.0	0.0	15.3	0.0	0.0	-108.8
589	1304.42	565.67	100.23	0	E	A	63.5	0.0	0.0	0.0	0.0	44.8	0.3	1.9	0.0	0.0	15.3	0.0	0.0	1.2
591	1305.37	566.01	100.23	0	D	A	66.5	0.0	0.0	0.0	0.0	44.9	0.3	1.9	0.0	0.0	15.3	0.0	0.0	4.2
591	1305.37	566.01	100.23	0	N	A	-46.5	0.0	0.0	0.0	0.0	44.9	0.3	1.9	0.0	0.0	15.3	0.0	0.0	-108.8
591	1305.37	566.01	100.23	0	E	A	63.5	0.0	0.0	0.0	0.0	44.9	0.3	1.9	0.0	0.0	15.3	0.0	0.0	1.2
600	1306.43	566.39	100.23	0	D	A	66.5	1.0	0.0	0.0	0.0	44.9	0.3	2.1	0.0	0.0	15.1	0.0	0.0	5.1
600	1306.43	566.39	100.23	0	N	A	-46.5	1.0	0.0	0.0	0.0	44.9	0.3	2.1	0.0	0.0	15.1	0.0	0.0	-107.9
600	1306.43	566.39	100.23	0	E	A	63.5	1.0	0.0	0.0	0.0	44.9	0.3	2.1	0.0	0.0	15.1	0.0	0.0	2.1
602	1308.59	567.17	100.23	0	D	A	66.5	5.2	0.0	0.0	0.0	45.1	0.3	1.9	0.0	0.0	15.2	0.0	0.0	9.3
602	1308.59	567.17	100.23	0	N	A	-46.5	5.2	0.0	0.0	0.0	45.1	0.3	1.9	0.0	0.0	15.2	0.0	0.0	-103.7
602	1308.59	567.17	100.23	0	E	A	63.5	5.2	0.0	0.0	0.0	45.1	0.3	1.9	0.0	0.0	15.2	0.0	0.0	6.3
604	1312.20	568.47	100.23	0	D	A	66.5	6.4	0.0	0.0	0.0	45.4	0.3	2.0	0.0	0.0	15.0	0.0	0.0	10.3
604	1312.20	568.47	100.23	0	N	A	-46.5	6.4	0.0	0.0	0.0	45.4	0.3	2.0	0.0	0.0	15.0	0.0	0.0	-102.8
604	1312.20	568.47	100.23	0	E	A	63.5	6.4	0.0	0.0	0.0	45.4	0.3	2.0	0.0	0.0	15.0	0.0	0.0	7.2
613	1314.99	569.47	100.23	0	D	A	66.5	2.0	0.0	0.0	0.0	45.6	0.3	2.2	0.0	0.0	14.7	0.0	0.0	5.7
613	1314.99	569.47	100.23	0	N	A	-46.5	2.0	0.0	0.0	0.0	45.6	0.3	2.2	0.0	0.0	14.7	0.0	0.0	-107.3
613	1314.99	569.47	100.23	0	E	A	63.5	2.0	0.0	0.0	0.0	45.6	0.3	2.2	0.0	0.0	14.7	0.0	0.0	2.7
622	1316.36	569.96	100.23	0	D	A	66.5	1.2	0.0	0.0	0.0	45.7	0.3	2.0	0.0	0.0	14.8	0.0	0.0	4.9

Line Source, ISO 9613, Name: "Forklift", ID: "b05\_Forklift"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
622	1316.36	569.96	100.23	0	N	A	-46.5	1.2	0.0	0.0	0.0	45.7	0.3	2.0	0.0	0.0	14.8	0.0	0.0	-108.1
622	1316.36	569.96	100.23	0	E	A	63.5	1.2	0.0	0.0	0.0	45.7	0.3	2.0	0.0	0.0	14.8	0.0	0.0	1.9
624	1319.34	571.03	100.23	0	D	A	66.5	7.0	0.0	0.0	0.0	46.0	0.3	2.3	0.0	0.0	14.3	0.0	0.0	10.6
624	1319.34	571.03	100.23	0	N	A	-46.5	7.0	0.0	0.0	0.0	46.0	0.3	2.3	0.0	0.0	14.3	0.0	0.0	-102.4
624	1319.34	571.03	100.23	0	E	A	63.5	7.0	0.0	0.0	0.0	46.0	0.3	2.3	0.0	0.0	14.3	0.0	0.0	7.6
625	1324.76	572.98	100.23	0	D	A	66.5	8.1	0.0	0.0	0.0	46.5	0.3	2.2	0.0	0.0	14.1	0.0	0.0	11.6
625	1324.76	572.98	100.23	0	N	A	-46.5	8.1	0.0	0.0	0.0	46.5	0.3	2.2	0.0	0.0	14.1	0.0	0.0	-101.5
625	1324.76	572.98	100.23	0	E	A	63.5	8.1	0.0	0.0	0.0	46.5	0.3	2.2	0.0	0.0	14.1	0.0	0.0	8.5
634	1329.61	574.73	100.23	0	D	A	66.5	5.8	0.0	0.0	0.0	47.0	0.3	2.1	0.0	0.0	13.9	0.0	0.0	9.0
634	1329.61	574.73	100.23	0	N	A	-46.5	5.8	0.0	0.0	0.0	47.0	0.3	2.1	0.0	0.0	13.9	0.0	0.0	-104.0
634	1329.61	574.73	100.23	0	E	A	63.5	5.8	0.0	0.0	0.0	47.0	0.3	2.1	0.0	0.0	13.9	0.0	0.0	6.0
636	1332.03	575.59	100.23	0	D	A	66.5	1.3	0.0	0.0	0.0	47.2	0.3	2.3	0.0	0.0	13.5	0.0	0.0	4.5
636	1332.03	575.59	100.23	0	N	A	-46.5	1.3	0.0	0.0	0.0	47.2	0.3	2.3	0.0	0.0	13.5	0.0	0.0	-108.5
636	1332.03	575.59	100.23	0	E	A	63.5	1.3	0.0	0.0	0.0	47.2	0.3	2.3	0.0	0.0	13.5	0.0	0.0	1.5
645	1333.20	576.02	100.23	0	D	A	66.5	0.5	0.0	0.0	0.0	47.3	0.3	2.2	0.0	0.0	13.5	0.0	0.0	3.7
645	1333.20	576.02	100.23	0	N	A	-46.5	0.5	0.0	0.0	0.0	47.3	0.3	2.2	0.0	0.0	13.5	0.0	0.0	-109.3
645	1333.20	576.02	100.23	0	E	A	63.5	0.5	0.0	0.0	0.0	47.3	0.3	2.2	0.0	0.0	13.5	0.0	0.0	0.7
647	1334.33	576.42	100.23	0	D	A	66.5	1.1	0.0	0.0	0.0	47.4	0.3	2.2	0.0	0.0	13.5	0.0	0.0	4.2
647	1334.33	576.42	100.23	0	N	A	-46.5	1.1	0.0	0.0	0.0	47.4	0.3	2.2	0.0	0.0	13.5	0.0	0.0	-108.8
647	1334.33	576.42	100.23	0	E	A	63.5	1.1	0.0	0.0	0.0	47.4	0.3	2.2	0.0	0.0	13.5	0.0	0.0	1.2
655	1336.10	577.06	100.23	0	D	A	66.5	3.9	0.0	0.0	0.0	47.6	0.4	2.2	0.0	0.0	13.3	0.0	0.0	7.0
655	1336.10	577.06	100.23	0	N	A	-46.5	3.9	0.0	0.0	0.0	47.6	0.4	2.2	0.0	0.0	13.3	0.0	0.0	-106.0
655	1336.10	577.06	100.23	0	E	A	63.5	3.9	0.0	0.0	0.0	47.6	0.4	2.2	0.0	0.0	13.3	0.0	0.0	4.0
663	1339.21	578.18	100.23	0	D	A	66.5	6.2	0.0	0.0	0.0	47.9	0.4	2.2	0.0	0.0	12.9	0.0	0.0	9.3
663	1339.21	578.18	100.23	0	N	A	-46.5	6.2	0.0	0.0	0.0	47.9	0.4	2.2	0.0	0.0	12.9	0.0	0.0	-103.7
663	1339.21	578.18	100.23	0	E	A	63.5	6.2	0.0	0.0	0.0	47.9	0.4	2.2	0.0	0.0	12.9	0.0	0.0	6.3
665	1342.77	579.46	100.23	0	D	A	66.5	5.3	0.0	0.0	0.0	48.3	0.4	2.3	0.0	0.0	12.3	0.0	0.0	8.7
665	1342.77	579.46	100.23	0	N	A	-46.5	5.3	0.0	0.0	0.0	48.3	0.4	2.3	0.0	0.0	12.3	0.0	0.0	-104.4
665	1342.77	579.46	100.23	0	E	A	63.5	5.3	0.0	0.0	0.0	48.3	0.4	2.3	0.0	0.0	12.3	0.0	0.0	5.6
675	1346.16	580.68	100.23	0	D	A	66.5	5.8	0.0	0.0	0.0	48.6	0.4	2.3	0.0	0.0	11.7	0.0	0.0	9.3
675	1346.16	580.68	100.23	0	N	A	-46.5	5.8	0.0	0.0	0.0	48.6	0.4	2.3	0.0	0.0	11.7	0.0	0.0	-103.8
675	1346.16	580.68	100.23	0	E	A	63.5	5.8	0.0	0.0	0.0	48.6	0.4	2.3	0.0	0.0	11.7	0.0	0.0	6.2
688	1349.83	582.00	100.23	0	D	A	66.5	6.1	0.0	0.0	0.0	48.9	0.4	2.2	0.0	0.0	11.3	0.0	0.0	9.7
688	1349.83	582.00	100.23	0	N	A	-46.5	6.1	0.0	0.0	0.0	48.9	0.4	2.2	0.0	0.0	11.3	0.0	0.0	-103.3
688	1349.83	582.00	100.23	0	E	A	63.5	6.1	0.0	0.0	0.0	48.9	0.4	2.2	0.0	0.0	11.3	0.0	0.0	6.7
690	1352.23	582.86	100.23	0	D	A	66.5	0.3	0.0	0.0	0.0	49.2	0.4	2.2	0.0	0.0	11.0	0.0	0.0	4.0
690	1352.23	582.86	100.23	0	N	A	-46.5	0.3	0.0	0.0	0.0	49.2	0.4	2.2	0.0	0.0	11.0	0.0	0.0	-109.0
690	1352.23	582.86	100.23	0	E	A	63.5	0.3	0.0	0.0	0.0	49.2	0.4	2.2	0.0	0.0	11.0	0.0	0.0	1.0
693	1353.25	583.22	100.23	0	D	A	66.5	0.4	0.0	0.0	0.0	49.3	0.4	2.1	0.0	0.0	11.0	0.0	0.0	4.2
693	1353.25	583.22	100.23	0	N	A	-46.5	0.4	0.0	0.0	0.0	49.3	0.4	2.1	0.0	0.0	11.0	0.0	0.0	-108.8
693	1353.25	583.22	100.23	0	E	A	63.5	0.4	0.0	0.0	0.0	49.3	0.4	2.1	0.0	0.0	11.0	0.0	0.0	1.2
707	1355.80	584.14	100.23	0	D	A	66.5	6.4	0.0	0.0	0.0	49.5	0.4	2.3	0.0	0.0	10.5	0.0	0.0	10.2
707	1355.80	584.14	100.23	0	N	A	-46.5	6.4	0.0	0.0	0.0	49.5	0.4	2.3	0.0	0.0	10.5	0.0	0.0	-102.8
707	1355.80	584.14	100.23	0	E	A	63.5	6.4	0.0	0.0	0.0	49.5	0.4	2.3	0.0	0.0	10.5	0.0	0.0	7.2
715	1359.23	585.38	100.23	0	D	A	66.5	4.7	0.0	0.0	0.0	49.8	0.4	2.1	0.0	0.0	10.3	0.0	0.0	8.6
715	1359.23	585.38	100.23	0	N	A	-46.5	4.7	0.0	0.0	0.0	49.8	0.4	2.1	0.0	0.0	10.3	0.0	0.0	-104.4
715	1359.23	585.38	100.23	0	E	A	63.5	4.7	0.0	0.0	0.0	49.8	0.4	2.1	0.0	0.0	10.3	0.0	0.0	5.6
724	1361.35	586.14	100.23	0	D	A	66.5	1.8	0.0	0.0	0.0	50.0	0.5	1.9	0.0	0.0	10.2	0.0	0.0	5.8
724	1361.35	586.14	100.23	0	N	A	-46.5	1.8	0.0	0.0	0.0	50.0	0.5	1.9	0.0	0.0	10.2	0.0	0.0	-107.2
724	1361.35	586.14	100.23	0	E	A	63.5	1.8	0.0	0.0	0.0	50.0	0.5	1.9	0.0	0.0	10.2	0.0	0.0	2.8
733	1363.00	586.73	100.23	0	D	A	66.5	3.0	0.0	0.0	0.0	50.1	0.5	1.9	0.0	0.0	10.0	0.0	0.0	7.0
733	1363.00	586.73	100.23	0	N	A	-46.5	3.0	0.0	0.0	0.0	50.1	0.5	1.9	0.0	0.0	10.0	0.0	0.0	-106.0
733	1363.00	586.73	100.23	0	E	A	63.5	3.0	0.0	0.0	0.0	50.1	0.5	1.9	0.0	0.0	10.0	0.0	0.0	4.0
742	1364.52	587.28	100.23	0	D	A	66.5	1.0	0.0	0.0	0.0	50.3	0.5	2.3	0.0	0.0	9.4	0.0	0.0	5.0
742	1364.52	587.28	100.23	0	N	A	-46.5	1.0	0.0	0.0	0.0	50.3	0.5	2.3	0.0	0.0	9.4	0.0	0.0	-108.0
742	1364.52	587.28	100.23	0	E	A	63.5	1.0	0.0	0.0	0.0	50.3	0.5	2.3	0.0	0.0	9.4	0.0	0.0	2.0
751	1365.75	587.72	100.23	0	D	A	66.5	1.4	0.0	0.0	0.0	50.4	0.5	2.2	0.0	0.0	9.4	0.0	0.0	5.5
751	1365.75	587.72	100.23	0	N	A	-46.5	1.4	0.0	0.0	0.0	50.4	0.5	2.2	0.0	0.0	9.4	0.0	0.0	-107.6
751	1365.75	587.72	100.23	0	E	A	63.5	1.4	0.0	0.0	0.0	50.4	0.5	2.2	0.0	0.0	9.4	0.0	0.0	2.4
765	1385.04	594.66	100.24	0	D	A	66.5	16.0	0.0	0.0	0.0	51.9	0.6	1.9	0.0	0.0	8.3	0.0	0.0	19.8
765	1385.04	594.66	100.24	0	N	A	-46.5	16.0	0.0	0.0	0.0	51.9	0.6	1.9	0.0	0.0	8.3	0.0	0.0	-93.2
765	1385.04	594.66	100.24	0	E	A	63.5	16.0	0.0	0.0	0.0	51.9	0.6	1.9	0.0	0.0	8.3	0.0	0.0	16.8
771	1310.19	482.71	100.81	0	D	A	66.5	15.4	0.0	0.0	0.0	53.0	0.6	-1.1	0.0	0.0	14.1	0.0	0.0	15.2

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
771	1310.19	482.71	100.81	0	N	A	-46.5	15.4	0.0	0.0	0.0	53.0	0.6	-1.1	0.0	0.0	14.1	0.0	0.0	-97.8
771	1310.19	482.71	100.81	0	E	A	63.5	15.4	0.0	0.0	0.0	53.0	0.6	-1.1	0.0	0.0	14.1	0.0	0.0	12.2
777	1298.79	515.06	100.56	0	D	A	66.5	15.4	0.0	0.0	0.0	50.3	0.5	-0.5	0.0	0.0	15.9	0.0	0.0	15.7
777	1298.79	515.06	100.56	0	N	A	-46.5	15.4	0.0	0.0	0.0	50.3	0.5	-0.5	0.0	0.0	15.9	0.0	0.0	-97.3
777	1298.79	515.06	100.56	0	E	A	63.5	15.4	0.0	0.0	0.0	50.3	0.5	-0.5	0.0	0.0	15.9	0.0	0.0	12.7
779	1292.23	533.66	100.42	0	D	A	66.5	7.1	0.0	0.0	0.0	48.2	0.4	-0.1	0.0	0.0	14.9	0.0	0.0	10.2
779	1292.23	533.66	100.42	0	N	A	-46.5	7.1	0.0	0.0	0.0	48.2	0.4	-0.1	0.0	0.0	14.9	0.0	0.0	-102.8
779	1292.23	533.66	100.42	0	E	A	63.5	7.1	0.0	0.0	0.0	48.2	0.4	-0.1	0.0	0.0	14.9	0.0	0.0	7.2
781	1287.48	547.13	100.31	0	D	A	66.5	13.7	0.0	0.0	0.0	46.4	0.3	1.0	0.0	0.0	13.0	0.0	0.0	19.6
781	1287.48	547.13	100.31	0	N	A	-46.5	13.7	0.0	0.0	0.0	46.4	0.3	1.0	0.0	0.0	13.0	0.0	0.0	-93.4
781	1287.48	547.13	100.31	0	E	A	63.5	13.7	0.0	0.0	0.0	46.4	0.3	1.0	0.0	0.0	13.0	0.0	0.0	16.6
1012	1414.86	605.28	100.24	0	D	A	66.5	13.7	0.0	0.0	0.0	54.0	0.7	1.6	0.0	0.0	5.9	0.0	0.0	18.1
1012	1414.86	605.28	100.24	0	N	A	-46.5	13.7	0.0	0.0	0.0	54.0	0.7	1.6	0.0	0.0	5.9	0.0	0.0	-94.9
1012	1414.86	605.28	100.24	0	E	A	63.5	13.7	0.0	0.0	0.0	54.0	0.7	1.6	0.0	0.0	5.9	0.0	0.0	15.1
1014	1443.00	615.15	100.25	0	D	A	66.5	15.6	0.0	0.0	0.0	55.6	0.8	1.2	0.0	0.0	3.9	0.0	0.0	20.7
1014	1443.00	615.15	100.25	0	N	A	-46.5	15.6	0.0	0.0	0.0	55.6	0.8	1.2	0.0	0.0	3.9	0.0	0.0	-92.3
1014	1443.00	615.15	100.25	0	E	A	63.5	15.6	0.0	0.0	0.0	55.6	0.8	1.2	0.0	0.0	3.9	0.0	0.0	17.7
1029	1503.38	602.51	100.08	0	D	A	66.5	9.7	0.0	0.0	0.0	58.2	1.0	-0.3	0.0	0.0	14.1	0.0	0.0	3.2
1029	1503.38	602.51	100.08	0	N	A	-46.5	9.7	0.0	0.0	0.0	58.2	1.0	-0.3	0.0	0.0	14.1	0.0	0.0	-109.8
1029	1503.38	602.51	100.08	0	E	A	63.5	9.7	0.0	0.0	0.0	58.2	1.0	-0.3	0.0	0.0	14.1	0.0	0.0	0.2
1032	1509.90	580.35	100.17	0	D	A	66.5	15.7	0.0	0.0	0.0	58.5	1.0	-0.6	0.0	0.0	11.4	0.0	0.0	11.9
1032	1509.90	580.35	100.17	0	N	A	-46.5	15.7	0.0	0.0	0.0	58.5	1.0	-0.6	0.0	0.0	11.4	0.0	0.0	-101.1
1032	1509.90	580.35	100.17	0	E	A	63.5	15.7	0.0	0.0	0.0	58.5	1.0	-0.6	0.0	0.0	11.4	0.0	0.0	8.9
1035	1515.34	561.85	100.25	0	D	A	66.5	2.2	0.0	0.0	0.0	58.8	1.1	-0.8	0.0	0.0	10.5	0.0	0.0	-0.8
1035	1515.34	561.85	100.25	0	N	A	-46.5	2.2	0.0	0.0	0.0	58.8	1.1	-0.8	0.0	0.0	10.5	0.0	0.0	-113.8
1035	1515.34	561.85	100.25	0	E	A	63.5	2.2	0.0	0.0	0.0	58.8	1.1	-0.8	0.0	0.0	10.5	0.0	0.0	-3.8
1038	1515.82	560.21	100.25	0	D	A	66.5	2.5	0.0	0.0	0.0	58.8	1.1	-0.8	0.0	0.0	10.5	0.0	0.0	-0.5
1038	1515.82	560.21	100.25	0	N	A	-46.5	2.5	0.0	0.0	0.0	58.8	1.1	-0.8	0.0	0.0	10.5	0.0	0.0	-113.5
1038	1515.82	560.21	100.25	0	E	A	63.5	2.5	0.0	0.0	0.0	58.8	1.1	-0.8	0.0	0.0	10.5	0.0	0.0	-3.5
1041	1516.57	557.66	100.26	0	D	A	66.5	5.5	0.0	0.0	0.0	58.8	1.1	-0.6	0.0	0.0	10.2	0.0	0.0	2.5
1041	1516.57	557.66	100.26	0	N	A	-46.5	5.5	0.0	0.0	0.0	58.8	1.1	-0.6	0.0	0.0	10.2	0.0	0.0	-110.5
1041	1516.57	557.66	100.26	0	E	A	63.5	5.5	0.0	0.0	0.0	58.8	1.1	-0.6	0.0	0.0	10.2	0.0	0.0	-0.5
1044	1517.42	554.77	100.27	0	D	A	66.5	4.0	0.0	0.0	0.0	58.9	1.1	-0.9	0.0	0.0	10.5	0.0	0.0	0.9
1044	1517.42	554.77	100.27	0	N	A	-46.5	4.0	0.0	0.0	0.0	58.9	1.1	-0.9	0.0	0.0	10.5	0.0	0.0	-112.1
1044	1517.42	554.77	100.27	0	E	A	63.5	4.0	0.0	0.0	0.0	58.9	1.1	-0.9	0.0	0.0	10.5	0.0	0.0	-2.1
1047	1518.50	551.10	100.29	0	D	A	66.5	7.1	0.0	0.0	0.0	59.0	1.1	-0.7	0.0	0.0	10.3	0.0	0.0	4.0
1047	1518.50	551.10	100.29	0	N	A	-46.5	7.1	0.0	0.0	0.0	59.0	1.1	-0.7	0.0	0.0	10.3	0.0	0.0	-109.0
1047	1518.50	551.10	100.29	0	E	A	63.5	7.1	0.0	0.0	0.0	59.0	1.1	-0.7	0.0	0.0	10.3	0.0	0.0	1.0
1050	1520.10	545.68	100.31	0	D	A	66.5	7.9	0.0	0.0	0.0	59.0	1.1	-0.9	0.0	0.0	9.8	0.0	0.0	5.3
1050	1520.10	545.68	100.31	0	N	A	-46.5	7.9	0.0	0.0	0.0	59.0	1.1	-0.9	0.0	0.0	9.8	0.0	0.0	-107.7
1050	1520.10	545.68	100.31	0	E	A	63.5	7.9	0.0	0.0	0.0	59.0	1.1	-0.9	0.0	0.0	9.8	0.0	0.0	2.3
1052	1521.06	542.40	100.32	0	D	A	66.5	-1.6	0.0	0.0	0.0	59.1	1.1	-1.0	0.0	0.0	9.3	0.0	0.0	-3.6
1052	1521.06	542.40	100.32	0	N	A	-46.5	-1.6	0.0	0.0	0.0	59.1	1.1	-1.0	0.0	0.0	9.3	0.0	0.0	-116.6
1052	1521.06	542.40	100.32	0	E	A	63.5	-1.6	0.0	0.0	0.0	59.1	1.1	-1.0	0.0	0.0	9.3	0.0	0.0	-6.6
1055	1474.24	616.30	100.19	0	D	A	66.5	14.8	0.0	0.0	0.0	57.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	23.1
1055	1474.24	616.30	100.19	0	N	A	-46.5	14.8	0.0	0.0	0.0	57.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	-89.9
1055	1474.24	616.30	100.19	0	E	A	63.5	14.8	0.0	0.0	0.0	57.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	20.1
1058	1489.37	611.22	100.12	0	D	A	66.5	2.6	0.0	0.0	0.0	57.7	1.0	-0.1	0.0	0.0	1.9	0.0	0.0	8.6
1058	1489.37	611.22	100.12	0	N	A	-46.5	2.6	0.0	0.0	0.0	57.7	1.0	-0.1	0.0	0.0	1.9	0.0	0.0	-104.4
1058	1489.37	611.22	100.12	0	E	A	63.5	2.6	0.0	0.0	0.0	57.7	1.0	-0.1	0.0	0.0	1.9	0.0	0.0	5.6
1061	1490.86	610.72	100.11	0	D	A	66.5	1.3	0.0	0.0	0.0	57.7	1.0	-0.1	0.0	0.0	3.3	0.0	0.0	5.9
1061	1490.86	610.72	100.11	0	N	A	-46.5	1.3	0.0	0.0	0.0	57.7	1.0	-0.1	0.0	0.0	3.3	0.0	0.0	-107.1
1061	1490.86	610.72	100.11	0	E	A	63.5	1.3	0.0	0.0	0.0	57.7	1.0	-0.1	0.0	0.0	3.3	0.0	0.0	2.9
1065	1496.78	608.73	100.09	0	D	A	66.5	10.5	0.0	0.0	0.0	58.0	1.0	-0.2	0.0	0.0	6.5	0.0	0.0	11.8
1065	1496.78	608.73	100.09	0	N	A	-46.5	10.5	0.0	0.0	0.0	58.0	1.0	-0.2	0.0	0.0	6.5	0.0	0.0	-101.3
1065	1496.78	608.73	100.09	0	E	A	63.5	10.5	0.0	0.0	0.0	58.0	1.0	-0.2	0.0	0.0	6.5	0.0	0.0	8.7

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
796	1549.80	450.30	97.82	0	D	500	56.8	4.8	0.0	20.0	0.0	61.0	0.6	16.4	0.0	0.0	0.0	0.0	0.0	3.5
796	1549.80	450.30	97.82	0	N	500	-46.2	4.8	0.0	20.0	0.0	61.0	0.6	16.4	0.0	0.0	0.0	0.0	0.0	-99.5
796	1549.80	450.30	97.82	0	E	500	53.8	4.8	0.0	20.0	0.0	61.0	0.6	16.4	0.0	0.0	0.0	0.0	0.0	0.5
798	1546.19	461.10	97.91	0	D	500	56.8	13.0	0.0	20.0	0.0	60.7	0.6	16.4	0.0	0.0	0.0	0.0	0.0	12.0



Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahouus	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
798	1546.19	461.10	97.91	0	N	500	-46.2	13.0	0.0	20.0	0.0	60.7	0.6	16.4	0.0	0.0	0.0	0.0	0.0	-91.0
798	1546.19	461.10	97.91	0	E	500	53.8	13.0	0.0	20.0	0.0	60.7	0.6	16.4	0.0	0.0	0.0	0.0	0.0	9.0
804	1542.64	471.71	98.00	0	D	500	56.8	4.1	0.0	20.0	0.0	60.5	0.6	16.5	0.0	0.0	1.4	0.0	0.0	1.9
804	1542.64	471.71	98.00	0	N	500	-46.2	4.1	0.0	20.0	0.0	60.5	0.6	16.5	0.0	0.0	1.4	0.0	0.0	-101.1
804	1542.64	471.71	98.00	0	E	500	53.8	4.1	0.0	20.0	0.0	60.5	0.6	16.5	0.0	0.0	1.4	0.0	0.0	-1.1
806	1541.64	474.70	98.03	0	D	500	56.8	5.7	0.0	20.0	0.0	60.5	0.6	16.5	0.0	0.0	1.4	0.0	0.0	3.6
806	1541.64	474.70	98.03	0	N	500	-46.2	5.7	0.0	20.0	0.0	60.5	0.6	16.5	0.0	0.0	1.4	0.0	0.0	-99.4
806	1541.64	474.70	98.03	0	E	500	53.8	5.7	0.0	20.0	0.0	60.5	0.6	16.5	0.0	0.0	1.4	0.0	0.0	0.6
808	1540.27	478.82	98.06	0	D	500	56.8	7.0	0.0	20.0	0.0	60.4	0.6	16.5	0.0	0.0	1.7	0.0	0.0	4.7
808	1540.27	478.82	98.06	0	N	500	-46.2	7.0	0.0	20.0	0.0	60.4	0.6	16.5	0.0	0.0	1.7	0.0	0.0	-98.3
808	1540.27	478.82	98.06	0	E	500	53.8	7.0	0.0	20.0	0.0	60.4	0.6	16.5	0.0	0.0	1.7	0.0	0.0	1.7
815	1538.98	482.68	98.10	0	D	500	56.8	5.0	0.0	20.0	0.0	60.3	0.6	16.5	0.0	0.0	3.6	0.0	0.0	0.9
815	1538.98	482.68	98.10	0	N	500	-46.2	5.0	0.0	20.0	0.0	60.3	0.6	16.5	0.0	0.0	3.6	0.0	0.0	-102.2
815	1538.98	482.68	98.10	0	E	500	53.8	5.0	0.0	20.0	0.0	60.3	0.6	16.5	0.0	0.0	3.6	0.0	0.0	-2.2
817	1538.13	485.22	98.12	0	D	500	56.8	3.4	0.0	20.0	0.0	60.2	0.6	16.5	0.0	0.0	3.2	0.0	0.0	-0.2
817	1538.13	485.22	98.12	0	N	500	-46.2	3.4	0.0	20.0	0.0	60.2	0.6	16.5	0.0	0.0	3.2	0.0	0.0	-103.2
817	1538.13	485.22	98.12	0	E	500	53.8	3.4	0.0	20.0	0.0	60.2	0.6	16.5	0.0	0.0	3.2	0.0	0.0	-3.2
819	1537.29	487.73	98.14	0	D	500	56.8	4.9	0.0	20.0	0.0	60.2	0.6	16.5	0.0	0.0	2.9	0.0	0.0	1.6
819	1537.29	487.73	98.14	0	N	500	-46.2	4.9	0.0	20.0	0.0	60.2	0.6	16.5	0.0	0.0	2.9	0.0	0.0	-101.5
819	1537.29	487.73	98.14	0	E	500	53.8	4.9	0.0	20.0	0.0	60.2	0.6	16.5	0.0	0.0	2.9	0.0	0.0	-1.5
821	1535.76	492.31	98.18	0	D	500	56.8	8.2	0.0	20.0	0.0	60.1	0.5	16.5	0.0	0.0	2.1	0.0	0.0	5.7
821	1535.76	492.31	98.18	0	N	500	-46.2	8.2	0.0	20.0	0.0	60.1	0.5	16.5	0.0	0.0	2.1	0.0	0.0	-97.3
821	1535.76	492.31	98.18	0	E	500	53.8	8.2	0.0	20.0	0.0	60.1	0.5	16.5	0.0	0.0	2.1	0.0	0.0	2.7
823	1534.50	496.08	98.21	0	D	500	56.8	1.5	0.0	20.0	0.0	60.0	0.5	16.5	0.0	0.0	0.0	0.0	0.0	1.2
823	1534.50	496.08	98.21	0	N	500	-46.2	1.5	0.0	20.0	0.0	60.0	0.5	16.5	0.0	0.0	0.0	0.0	0.0	-101.8
823	1534.50	496.08	98.21	0	E	500	53.8	1.5	0.0	20.0	0.0	60.0	0.5	16.5	0.0	0.0	0.0	0.0	0.0	-1.8
825	1532.25	502.80	98.26	0	D	500	56.8	11.1	0.0	20.0	0.0	59.9	0.5	16.6	0.0	0.0	0.0	0.0	0.0	10.9
825	1532.25	502.80	98.26	0	N	500	-46.2	11.1	0.0	20.0	0.0	59.9	0.5	16.6	0.0	0.0	0.0	0.0	0.0	-92.1
825	1532.25	502.80	98.26	0	E	500	53.8	11.1	0.0	20.0	0.0	59.9	0.5	16.6	0.0	0.0	0.0	0.0	0.0	7.9
827	1528.61	513.70	98.36	0	D	500	56.8	10.1	0.0	20.0	0.0	59.6	0.5	16.6	0.0	0.0	0.0	0.0	0.0	10.2
827	1528.61	513.70	98.36	0	N	500	-46.2	10.1	0.0	20.0	0.0	59.6	0.5	16.6	0.0	0.0	0.0	0.0	0.0	-92.8
827	1528.61	513.70	98.36	0	E	500	53.8	10.1	0.0	20.0	0.0	59.6	0.5	16.6	0.0	0.0	0.0	0.0	0.0	7.2
828	1525.41	523.26	98.44	0	D	500	56.8	10.0	0.0	20.0	0.0	59.4	0.5	16.6	0.0	0.0	0.0	0.0	0.0	10.2
828	1525.41	523.26	98.44	0	N	500	-46.2	10.0	0.0	20.0	0.0	59.4	0.5	16.6	0.0	0.0	0.0	0.0	0.0	-92.8
828	1525.41	523.26	98.44	0	E	500	53.8	10.0	0.0	20.0	0.0	59.4	0.5	16.6	0.0	0.0	0.0	0.0	0.0	7.2
835	1522.34	532.44	98.51	0	D	500	56.8	9.7	0.0	20.0	0.0	59.2	0.5	16.7	0.0	0.0	3.8	0.0	0.0	6.4
835	1522.34	532.44	98.51	0	N	500	-46.2	9.7	0.0	20.0	0.0	59.2	0.5	16.7	0.0	0.0	3.8	0.0	0.0	-96.6
835	1522.34	532.44	98.51	0	E	500	53.8	9.7	0.0	20.0	0.0	59.2	0.5	16.7	0.0	0.0	3.8	0.0	0.0	3.4
841	1520.49	538.00	98.56	0	D	500	56.8	3.6	0.0	20.0	0.0	59.1	0.5	16.7	0.0	0.0	1.7	0.0	0.0	2.4
841	1520.49	538.00	98.56	0	N	500	-46.2	3.6	0.0	20.0	0.0	59.1	0.5	16.7	0.0	0.0	1.7	0.0	0.0	-100.6
841	1520.49	538.00	98.56	0	E	500	53.8	3.6	0.0	20.0	0.0	59.1	0.5	16.7	0.0	0.0	1.7	0.0	0.0	-0.6
852	1519.76	540.17	98.58	0	D	500	56.8	3.6	0.0	20.0	0.0	59.1	0.5	16.7	0.0	0.0	0.0	0.0	0.0	4.2
852	1519.76	540.17	98.58	0	N	500	-46.2	3.6	0.0	20.0	0.0	59.1	0.5	16.7	0.0	0.0	0.0	0.0	0.0	-98.8
852	1519.76	540.17	98.58	0	E	500	53.8	3.6	0.0	20.0	0.0	59.1	0.5	16.7	0.0	0.0	0.0	0.0	0.0	1.2
859	1519.06	542.28	98.60	0	D	500	56.8	3.3	0.0	20.0	0.0	59.0	0.5	16.7	0.0	0.0	0.8	0.0	0.0	3.1
859	1519.06	542.28	98.60	0	N	500	-46.2	3.3	0.0	20.0	0.0	59.0	0.5	16.7	0.0	0.0	0.8	0.0	0.0	-99.9
859	1519.06	542.28	98.60	0	E	500	53.8	3.3	0.0	20.0	0.0	59.0	0.5	16.7	0.0	0.0	0.8	0.0	0.0	0.1
865	1517.73	546.24	98.63	0	D	500	56.8	7.9	0.0	20.0	0.0	59.0	0.5	16.7	0.0	0.0	0.0	0.0	0.0	8.6
865	1517.73	546.24	98.63	0	N	500	-46.2	7.9	0.0	20.0	0.0	59.0	0.5	16.7	0.0	0.0	0.0	0.0	0.0	-94.5
865	1517.73	546.24	98.63	0	E	500	53.8	7.9	0.0	20.0	0.0	59.0	0.5	16.7	0.0	0.0	0.0	0.0	0.0	5.5
876	1515.92	551.65	98.68	0	D	500	56.8	7.2	0.0	20.0	0.0	58.9	0.5	16.7	0.0	0.0	0.0	0.0	0.0	7.9
876	1515.92	551.65	98.68	0	N	500	-46.2	7.2	0.0	20.0	0.0	58.9	0.5	16.7	0.0	0.0	0.0	0.0	0.0	-95.1
876	1515.92	551.65	98.68	0	E	500	53.8	7.2	0.0	20.0	0.0	58.9	0.5	16.7	0.0	0.0	0.0	0.0	0.0	4.9
878	1514.70	555.32	98.71	0	D	500	56.8	4.0	0.0	20.0	0.0	58.8	0.5	16.7	0.0	0.0	1.9	0.0	0.0	2.9
878	1514.70	555.32	98.71	0	N	500	-46.2	4.0	0.0	20.0	0.0	58.8	0.5	16.7	0.0	0.0	1.9	0.0	0.0	-100.1
878	1514.70	555.32	98.71	0	E	500	53.8	4.0	0.0	20.0	0.0	58.8	0.5	16.7	0.0	0.0	1.9	0.0	0.0	-0.1
884	1513.81	557.99	98.73	0	D	500	56.8	4.9	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	5.7
884	1513.81	557.99	98.73	0	N	500	-46.2	4.9	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	-97.3
884	1513.81	557.99	98.73	0	E	500	53.8	4.9	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	2.7
886	1513.01	560.36	98.75	0	D	500	56.8	2.8	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	3.6
886	1513.01	560.36	98.75	0	N	500	-46.2	2.8	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	-99.4
886	1513.01	560.36	98.75	0	E	500	53.8	2.8	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	0.6
891	1512.51	561.86	98.76	0	D	500	56.8	1.1	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	2.0

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
891	1512.51	561.86	98.76	0	N	500	-46.2	1.1	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	-101.0
891	1512.51	561.86	98.76	0	E	500	53.8	1.1	0.0	20.0	0.0	58.7	0.5	16.8	0.0	0.0	0.0	0.0	0.0	-1.0
901	1510.47	567.96	98.81	0	D	500	56.8	10.6	0.0	20.0	0.0	58.6	0.5	16.8	0.0	0.0	0.0	0.0	0.0	11.6
901	1510.47	567.96	98.81	0	N	500	-46.2	10.6	0.0	20.0	0.0	58.6	0.5	16.8	0.0	0.0	0.0	0.0	0.0	-91.4
901	1510.47	567.96	98.81	0	E	500	53.8	10.6	0.0	20.0	0.0	58.6	0.5	16.8	0.0	0.0	0.0	0.0	0.0	8.6
903	1503.21	589.71	99.00	0	D	500	56.8	15.4	0.0	20.0	0.0	58.2	0.4	17.1	0.0	0.0	2.3	0.0	0.0	14.1
903	1503.21	589.71	99.00	0	N	500	-46.2	15.4	0.0	20.0	0.0	58.2	0.4	17.1	0.0	0.0	2.3	0.0	0.0	-88.9
903	1503.21	589.71	99.00	0	E	500	53.8	15.4	0.0	20.0	0.0	58.2	0.4	17.1	0.0	0.0	2.3	0.0	0.0	11.1
952	1470.68	605.02	99.54	0	D	500	56.8	15.3	0.0	20.0	0.0	56.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	17.4
952	1470.68	605.02	99.54	0	N	500	-46.2	15.3	0.0	20.0	0.0	56.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	-85.6
952	1470.68	605.02	99.54	0	E	500	53.8	15.3	0.0	20.0	0.0	56.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	14.4
956	1487.64	610.61	99.26	0	D	500	56.8	2.1	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	3.4
956	1487.64	610.61	99.26	0	N	500	-46.2	2.1	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-99.6
956	1487.64	610.61	99.26	0	E	500	53.8	2.1	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	0.4
960	1489.49	611.22	99.23	0	D	500	56.8	3.6	0.0	20.0	0.0	57.7	0.4	17.5	0.0	0.0	0.0	0.0	0.0	4.7
960	1489.49	611.22	99.23	0	N	500	-46.2	3.6	0.0	20.0	0.0	57.7	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-98.3
960	1489.49	611.22	99.23	0	E	500	53.8	3.6	0.0	20.0	0.0	57.7	0.4	17.5	0.0	0.0	0.0	0.0	0.0	1.7
964	1493.54	612.56	99.16	0	D	500	56.8	8.0	0.0	20.0	0.0	57.8	0.4	17.5	0.0	0.0	0.0	0.0	0.0	9.0
964	1493.54	612.56	99.16	0	N	500	-46.2	8.0	0.0	20.0	0.0	57.8	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-94.0
964	1493.54	612.56	99.16	0	E	500	53.8	8.0	0.0	20.0	0.0	57.8	0.4	17.5	0.0	0.0	0.0	0.0	0.0	6.0
972	1489.97	611.36	99.22	0	D	500	56.8	5.0	0.0	20.0	0.0	57.7	0.4	17.6	0.0	0.0	0.0	0.0	0.0	6.2
972	1489.97	611.36	99.22	0	N	500	-46.2	5.0	0.0	20.0	0.0	57.7	0.4	17.6	0.0	0.0	0.0	0.0	0.0	-96.9
972	1489.97	611.36	99.22	0	E	500	53.8	5.0	0.0	20.0	0.0	57.7	0.4	17.6	0.0	0.0	0.0	0.0	0.0	3.1
974	1487.69	610.61	99.26	0	D	500	56.8	2.1	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	3.5
974	1487.69	610.61	99.26	0	N	500	-46.2	2.1	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-99.6
974	1487.69	610.61	99.26	0	E	500	53.8	2.1	0.0	20.0	0.0	57.6	0.4	17.5	0.0	0.0	0.0	0.0	0.0	0.4
976	1470.71	605.02	99.54	0	D	500	56.8	15.3	0.0	20.0	0.0	56.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	17.5
976	1470.71	605.02	99.54	0	N	500	-46.2	15.3	0.0	20.0	0.0	56.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	-85.6
976	1470.71	605.02	99.54	0	E	500	53.8	15.3	0.0	20.0	0.0	56.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	14.4
986	1498.51	608.36	99.12	0	D	500	56.8	7.0	0.0	20.0	0.0	58.0	0.4	17.4	0.0	0.0	0.0	0.0	0.0	8.0
986	1498.51	608.36	99.12	0	N	500	-46.2	7.0	0.0	20.0	0.0	58.0	0.4	17.4	0.0	0.0	0.0	0.0	0.0	-95.1
986	1498.51	608.36	99.12	0	E	500	53.8	7.0	0.0	20.0	0.0	58.0	0.4	17.4	0.0	0.0	0.0	0.0	0.0	4.9
990	1499.44	611.33	99.11	0	D	500	56.8	0.9	0.0	20.0	0.0	58.1	0.4	17.5	0.0	0.0	0.0	0.0	0.0	1.7
990	1499.44	611.33	99.11	0	N	500	-46.2	0.9	0.0	20.0	0.0	58.1	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-101.3
990	1499.44	611.33	99.11	0	E	500	53.8	0.9	0.0	20.0	0.0	58.1	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-1.3
993	1502.89	622.39	99.05	0	D	500	56.8	13.4	0.0	20.0	0.0	58.2	0.4	17.8	0.0	0.0	0.0	0.0	0.0	13.8
993	1502.89	622.39	99.05	0	N	500	-46.2	13.4	0.0	20.0	0.0	58.2	0.4	17.8	0.0	0.0	0.0	0.0	0.0	-89.2
993	1502.89	622.39	99.05	0	E	500	53.8	13.4	0.0	20.0	0.0	58.2	0.4	17.8	0.0	0.0	0.0	0.0	0.0	10.8
996	1498.82	622.36	99.10	0	D	500	56.8	14.1	0.0	20.0	0.0	58.1	0.4	17.8	0.0	0.0	0.0	0.0	0.0	14.6
996	1498.82	622.36	99.10	0	N	500	-46.2	14.1	0.0	20.0	0.0	58.1	0.4	17.8	0.0	0.0	0.0	0.0	0.0	-88.4
996	1498.82	622.36	99.10	0	E	500	53.8	14.1	0.0	20.0	0.0	58.1	0.4	17.8	0.0	0.0	0.0	0.0	0.0	11.6
1067	1496.51	612.67	99.11	0	D	500	56.8	2.4	0.0	20.0	0.0	57.9	0.4	17.5	0.0	0.0	0.0	0.0	0.0	3.3
1067	1496.51	612.67	99.11	0	N	500	-46.2	2.4	0.0	20.0	0.0	57.9	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-99.7
1067	1496.51	612.67	99.11	0	E	500	53.8	2.4	0.0	20.0	0.0	57.9	0.4	17.5	0.0	0.0	0.0	0.0	0.0	0.3
1069	1496.51	611.23	99.12	0	D	500	56.8	0.6	0.0	20.0	0.0	57.9	0.4	17.5	0.0	0.0	0.0	0.0	0.0	1.5
1069	1496.51	611.23	99.12	0	N	500	-46.2	0.6	0.0	20.0	0.0	57.9	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-101.5
1069	1496.51	611.23	99.12	0	E	500	53.8	0.6	0.0	20.0	0.0	57.9	0.4	17.5	0.0	0.0	0.0	0.0	0.0	-1.5
1071	1496.51	609.79	99.13	0	D	500	56.8	2.4	0.0	20.0	0.0	57.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	3.5
1071	1496.51	609.79	99.13	0	N	500	-46.2	2.4	0.0	20.0	0.0	57.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	-99.6
1071	1496.51	609.79	99.13	0	E	500	53.8	2.4	0.0	20.0	0.0	57.9	0.4	17.4	0.0	0.0	0.0	0.0	0.0	0.4

Receiver  
 Name: R06W  
 ID: R06W  
 X: 1408.00 m  
 Y: 775.27 m  
 Z: 105.08 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
515	1454.50	605.98	100.68	0	DEN	A	98.0	0.0	0.0	0.0	0.0	55.9	1.3	0.2	0.0	0.0	5.4	0.0	0.0	35.2

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
559	1421.81	606.70	100.28	0	D	A	100.9	0.0	-13.0	0.0	0.0	55.6	1.7	1.5	0.0	0.0	11.8	0.0	0.0	17.3
559	1421.81	606.70	100.28	0	N	A	100.9	0.0	-13.0	0.0	0.0	55.6	1.7	1.5	0.0	0.0	11.8	0.0	0.0	17.3
559	1421.81	606.70	100.28	0	E	A	100.9	0.0	-13.0	0.0	0.0	55.6	1.7	1.5	0.0	0.0	11.8	0.0	0.0	17.3

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
612	1422.86	603.76	100.38	0	D	A	94.2	0.0	-7.8	0.0	0.0	55.7	0.5	4.6	0.0	0.0	5.6	0.0	0.0	20.0
612	1422.86	603.76	100.38	0	N	A	94.2	0.0	-7.8	0.0	0.0	55.7	0.5	4.6	0.0	0.0	5.6	0.0	0.0	20.0
612	1422.86	603.76	100.38	0	E	A	94.2	0.0	-7.8	0.0	0.0	55.7	0.5	4.6	0.0	0.0	5.6	0.0	0.0	20.0

Point Source, ISO 9613, Name: "DeliveryTruckIdle", ID: "S29"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
629	1280.64	555.78	100.18	0	D	A	98.9	0.0	-1.8	0.0	0.0	59.1	1.0	3.7	0.0	0.0	14.3	0.0	0.0	19.0
629	1280.64	555.78	100.18	0	N	A	98.9	0.0	-188.0	0.0	0.0	59.1	1.0	3.7	0.0	0.0	14.3	0.0	0.0	-167.2
629	1280.64	555.78	100.18	0	E	A	98.9	0.0	-188.0	0.0	0.0	59.1	1.0	3.7	0.0	0.0	14.3	0.0	0.0	-167.2

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
640	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.3	0.8	1.7	0.0	0.0	3.2	0.0	0.0	25.7
640	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.3	0.8	1.7	0.0	0.0	3.2	0.0	0.0	22.7
640	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.3	0.8	1.7	0.0	0.0	3.2	0.0	0.0	24.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
648	1417.81	584.65	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.6	0.8	1.7	0.0	0.0	3.2	0.0	0.0	25.4
648	1417.81	584.65	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.6	0.8	1.7	0.0	0.0	3.2	0.0	0.0	22.4
648	1417.81	584.65	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.6	0.8	1.7	0.0	0.0	3.2	0.0	0.0	24.1

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
656	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.8	0.9	1.6	0.0	0.0	3.3	0.0	0.0	25.1
656	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.8	0.9	1.6	0.0	0.0	3.3	0.0	0.0	22.1
656	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.8	0.9	1.6	0.0	0.0	3.3	0.0	0.0	23.9

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
664	1381.27	572.67	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	57.2	0.9	1.7	0.0	0.0	3.2	0.0	0.0	24.7
664	1381.27	572.67	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	57.2	0.9	1.7	0.0	0.0	3.2	0.0	0.0	21.7
664	1381.27	572.67	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	57.2	0.9	1.7	0.0	0.0	3.2	0.0	0.0	23.5



Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
747	1372.87	515.76	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	59.4	1.1	1.2	0.0	0.0	3.7	0.0	0.0	19.4
747	1372.87	515.76	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	59.4	1.1	1.2	0.0	0.0	3.7	0.0	0.0	21.2

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
749	1316.38	519.75	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	59.7	1.1	1.5	0.0	0.0	5.5	0.0	0.0	20.0
749	1316.38	519.75	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	59.7	1.1	1.5	0.0	0.0	5.5	0.0	0.0	16.9
749	1316.38	519.75	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	59.7	1.1	1.5	0.0	0.0	5.5	0.0	0.0	18.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
757	1348.72	508.62	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	59.7	1.1	1.2	0.0	0.0	3.7	0.0	0.0	22.0
757	1348.72	508.62	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	59.7	1.1	1.2	0.0	0.0	3.7	0.0	0.0	19.0
757	1348.72	508.62	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	59.7	1.1	1.2	0.0	0.0	3.7	0.0	0.0	20.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
759	1322.89	499.17	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	60.2	1.2	1.3	0.0	0.0	3.6	0.0	0.0	21.5
759	1322.89	499.17	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	60.2	1.2	1.3	0.0	0.0	3.6	0.0	0.0	18.4
759	1322.89	499.17	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	60.2	1.2	1.3	0.0	0.0	3.6	0.0	0.0	20.2

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
726	1311.44	568.19	100.23	0	D	A	66.5	17.7	0.0	0.0	0.0	58.2	1.0	3.1	0.0	0.0	14.9	0.0	0.0	7.0
726	1311.44	568.19	100.23	0	N	A	-46.5	17.7	0.0	0.0	0.0	58.2	1.0	3.1	0.0	0.0	14.9	0.0	0.0	-106.0
726	1311.44	568.19	100.23	0	E	A	63.5	17.7	0.0	0.0	0.0	58.2	1.0	3.1	0.0	0.0	14.9	0.0	0.0	4.0
728	1367.15	588.23	100.23	0	D	A	66.5	17.7	0.0	0.0	0.0	56.6	0.9	3.1	0.0	0.0	15.0	0.0	0.0	8.7
728	1367.15	588.23	100.23	0	N	A	-46.5	17.7	0.0	0.0	0.0	56.6	0.9	3.1	0.0	0.0	15.0	0.0	0.0	-104.3
728	1367.15	588.23	100.23	0	E	A	63.5	17.7	0.0	0.0	0.0	56.6	0.9	3.1	0.0	0.0	15.0	0.0	0.0	5.7
730	1399.35	599.80	100.24	0	D	A	66.5	9.6	0.0	0.0	0.0	55.9	0.8	3.2	0.0	0.0	10.7	0.0	0.0	5.5
730	1399.35	599.80	100.24	0	N	A	-46.5	9.6	0.0	0.0	0.0	55.9	0.8	3.2	0.0	0.0	10.7	0.0	0.0	-107.5
730	1399.35	599.80	100.24	0	E	A	63.5	9.6	0.0	0.0	0.0	55.9	0.8	3.2	0.0	0.0	10.7	0.0	0.0	2.5
802	1431.82	611.23	100.25	0	D	A	66.5	17.8	0.0	0.0	0.0	55.4	0.8	3.2	0.0	0.0	8.9	0.0	0.0	16.0
802	1431.82	611.23	100.25	0	N	A	-46.5	17.8	0.0	0.0	0.0	55.4	0.8	3.2	0.0	0.0	8.9	0.0	0.0	-97.0
802	1431.82	611.23	100.25	0	E	A	63.5	17.8	0.0	0.0	0.0	55.4	0.8	3.2	0.0	0.0	8.9	0.0	0.0	13.0
809	1510.93	576.83	100.19	0	D	A	66.5	18.0	0.0	0.0	0.0	58.0	1.0	0.2	0.0	0.0	4.6	0.0	0.0	20.7
809	1510.93	576.83	100.19	0	N	A	-46.5	18.0	0.0	0.0	0.0	58.0	1.0	0.2	0.0	0.0	4.6	0.0	0.0	-92.3
809	1510.93	576.83	100.19	0	E	A	63.5	18.0	0.0	0.0	0.0	58.0	1.0	0.2	0.0	0.0	4.6	0.0	0.0	17.7
810	1520.19	545.38	100.31	0	D	A	66.5	4.4	0.0	0.0	0.0	59.2	1.1	0.1	0.0	0.0	2.9	0.0	0.0	7.7
810	1520.19	545.38	100.31	0	N	A	-46.5	4.4	0.0	0.0	0.0	59.2	1.1	0.1	0.0	0.0	2.9	0.0	0.0	-105.3
810	1520.19	545.38	100.31	0	E	A	63.5	4.4	0.0	0.0	0.0	59.2	1.1	0.1	0.0	0.0	2.9	0.0	0.0	4.7
811	1520.87	543.06	100.32	0	D	A	66.5	3.2	0.0	0.0	0.0	59.2	1.1	0.1	0.0	0.0	3.3	0.0	0.0	5.9
811	1520.87	543.06	100.32	0	N	A	-46.5	3.2	0.0	0.0	0.0	59.2	1.1	0.1	0.0	0.0	3.3	0.0	0.0	-107.1
811	1520.87	543.06	100.32	0	E	A	63.5	3.2	0.0	0.0	0.0	59.2	1.1	0.1	0.0	0.0	3.3	0.0	0.0	2.9
830	1481.02	614.02	100.16	0	D	A	66.5	16.5	0.0	0.0	0.0	56.0	0.8	1.8	0.0	0.0	4.1	0.0	0.0	20.4
830	1481.02	614.02	100.16	0	N	A	-46.5	16.5	0.0	0.0	0.0	56.0	0.8	1.8	0.0	0.0	4.1	0.0	0.0	-92.6
830	1481.02	614.02	100.16	0	E	A	63.5	16.5	0.0	0.0	0.0	56.0	0.8	1.8	0.0	0.0	4.1	0.0	0.0	17.4
837	1313.06	474.57	100.87	0	D	A	66.5	12.3	0.0	0.0	0.0	61.0	1.3	0.1	0.0	0.0	20.9	0.0	0.0	-4.4
837	1313.06	474.57	100.87	0	N	A	-46.5	12.3	0.0	0.0	0.0	61.0	1.3	0.1	0.0	0.0	20.9	0.0	0.0	-117.4
837	1313.06	474.57	100.87	0	E	A	63.5	12.3	0.0	0.0	0.0	61.0	1.3	0.1	0.0	0.0	20.9	0.0	0.0	-7.4
839	1308.95	486.23	100.78	0	D	A	66.5	8.8	0.0	0.0	0.0	60.7	1.3	0.2	0.0	0.0				

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
868	1300.41	510.46	100.59	0	N	A	-46.5	13.1	0.0	0.0	0.0	60.1	1.2	0.4	0.0	0.0	23.1	0.0	0.0	-118.2
868	1300.41	510.46	100.59	0	E	A	63.5	13.1	0.0	0.0	0.0	60.1	1.2	0.4	0.0	0.0	23.1	0.0	0.0	-8.2
879	1295.32	524.90	100.48	0	D	A	66.5	10.1	0.0	0.0	0.0	59.8	1.2	0.5	0.0	0.0	22.7	0.0	0.0	-7.6
879	1295.32	524.90	100.48	0	N	A	-46.5	10.1	0.0	0.0	0.0	59.8	1.2	0.5	0.0	0.0	22.7	0.0	0.0	-120.6
879	1295.32	524.90	100.48	0	E	A	63.5	10.1	0.0	0.0	0.0	59.8	1.2	0.5	0.0	0.0	22.7	0.0	0.0	-10.6
889	1289.72	540.76	100.36	0	D	A	66.5	13.7	0.0	0.0	0.0	59.4	1.1	0.7	0.0	0.0	22.7	0.0	0.0	-3.8
889	1289.72	540.76	100.36	0	N	A	-46.5	13.7	0.0	0.0	0.0	59.4	1.1	0.7	0.0	0.0	22.7	0.0	0.0	-116.8
889	1289.72	540.76	100.36	0	E	A	63.5	13.7	0.0	0.0	0.0	59.4	1.1	0.7	0.0	0.0	22.7	0.0	0.0	-6.8
894	1284.70	555.00	100.25	0	D	A	66.5	8.3	0.0	0.0	0.0	59.0	1.1	2.6	0.0	0.0	14.4	0.0	0.0	-2.4
894	1284.70	555.00	100.25	0	N	A	-46.5	8.3	0.0	0.0	0.0	59.0	1.1	2.6	0.0	0.0	14.4	0.0	0.0	-115.4
894	1284.70	555.00	100.25	0	E	A	63.5	8.3	0.0	0.0	0.0	59.0	1.1	2.6	0.0	0.0	14.4	0.0	0.0	-5.4

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
517	1535.91	491.86	98.17	0	D	500	56.8	19.6	0.0	20.0	0.0	60.9	0.6	17.4	0.0	0.0	3.5	0.0	0.0	14.0
517	1535.91	491.86	98.17	0	N	500	-46.2	19.6	0.0	20.0	0.0	60.9	0.6	17.4	0.0	0.0	3.5	0.0	0.0	-89.0
517	1535.91	491.86	98.17	0	E	500	53.8	19.6	0.0	20.0	0.0	60.9	0.6	17.4	0.0	0.0	3.5	0.0	0.0	11.0
519	1521.11	536.12	98.54	0	D	500	56.8	4.4	0.0	20.0	0.0	59.5	0.5	17.6	0.0	0.0	0.0	0.0	0.0	3.6
519	1521.11	536.12	98.54	0	N	500	-46.2	4.4	0.0	20.0	0.0	59.5	0.5	17.6	0.0	0.0	0.0	0.0	0.0	-99.4
519	1521.11	536.12	98.54	0	E	500	53.8	4.4	0.0	20.0	0.0	59.5	0.5	17.6	0.0	0.0	0.0	0.0	0.0	0.6
540	1517.26	547.66	98.64	0	D	500	56.8	13.3	0.0	20.0	0.0	59.0	0.5	17.7	0.0	0.0	0.0	0.0	0.0	12.9
540	1517.26	547.66	98.64	0	N	500	-46.2	13.3	0.0	20.0	0.0	59.0	0.5	17.7	0.0	0.0	0.0	0.0	0.0	-90.1
540	1517.26	547.66	98.64	0	E	500	53.8	13.3	0.0	20.0	0.0	59.0	0.5	17.7	0.0	0.0	0.0	0.0	0.0	9.9
548	1513.31	559.46	98.74	0	D	500	56.8	5.2	0.0	20.0	0.0	58.6	0.5	17.8	0.0	0.0	0.0	0.0	0.0	5.2
548	1513.31	559.46	98.74	0	N	500	-46.2	5.2	0.0	20.0	0.0	58.6	0.5	17.8	0.0	0.0	0.0	0.0	0.0	-97.8
548	1513.31	559.46	98.74	0	E	500	53.8	5.2	0.0	20.0	0.0	58.6	0.5	17.8	0.0	0.0	0.0	0.0	0.0	2.2
557	1505.28	583.51	98.94	0	D	500	56.8	16.8	0.0	20.0	0.0	57.7	0.4	17.9	0.0	0.0	0.0	0.0	0.0	17.6
557	1505.28	583.51	98.94	0	N	500	-46.2	16.8	0.0	20.0	0.0	57.7	0.4	17.9	0.0	0.0	0.0	0.0	0.0	-85.4
557	1505.28	583.51	98.94	0	E	500	53.8	16.8	0.0	20.0	0.0	57.7	0.4	17.9	0.0	0.0	0.0	0.0	0.0	14.6
567	1471.30	605.22	99.53	0	D	500	56.8	15.5	0.0	20.0	0.0	56.2	0.3	18.0	0.0	0.0	0.0	0.0	0.0	17.7
567	1471.30	605.22	99.53	0	N	500	-46.2	15.5	0.0	20.0	0.0	56.2	0.3	18.0	0.0	0.0	0.0	0.0	0.0	-85.3
567	1471.30	605.22	99.53	0	E	500	53.8	15.5	0.0	20.0	0.0	56.2	0.3	18.0	0.0	0.0	0.0	0.0	0.0	14.7
580	1492.30	612.15	99.18	0	D	500	56.8	9.5	0.0	20.0	0.0	56.3	0.4	18.1	0.0	0.0	0.0	0.0	0.0	11.6
580	1492.30	612.15	99.18	0	N	500	-46.2	9.5	0.0	20.0	0.0	56.3	0.4	18.1	0.0	0.0	0.0	0.0	0.0	-91.4
580	1492.30	612.15	99.18	0	E	500	53.8	9.5	0.0	20.0	0.0	56.3	0.4	18.1	0.0	0.0	0.0	0.0	0.0	8.6
588	1489.94	611.36	99.22	0	D	500	56.8	5.1	0.0	20.0	0.0	56.3	0.4	18.0	0.0	0.0	0.0	0.0	0.0	7.2
588	1489.94	611.36	99.22	0	N	500	-46.2	5.1	0.0	20.0	0.0	56.3	0.4	18.0	0.0	0.0	0.0	0.0	0.0	-95.8
588	1489.94	611.36	99.22	0	E	500	53.8	5.1	0.0	20.0	0.0	56.3	0.4	18.0	0.0	0.0	0.0	0.0	0.0	4.2
610	1471.46	605.27	99.53	0	D	500	56.8	15.5	0.0	20.0	0.0	56.2	0.4	18.0	0.0	0.0	0.0	0.0	0.0	17.8
610	1471.46	605.27	99.53	0	N	500	-46.2	15.5	0.0	20.0	0.0	56.2	0.4	18.0	0.0	0.0	0.0	0.0	0.0	-85.2
610	1471.46	605.27	99.53	0	E	500	53.8	15.5	0.0	20.0	0.0	56.2	0.4	18.0	0.0	0.0	0.0	0.0	0.0	14.8
621	1501.97	619.42	99.07	0	D	500	56.8	14.5	0.0	20.0	0.0	56.2	0.4	18.1	0.0	0.0	0.0	0.0	0.0	16.7
621	1501.97	619.42	99.07	0	N	500	-46.2	14.5	0.0	20.0	0.0	56.2	0.4	18.1	0.0	0.0	0.0	0.0	0.0	-86.4
621	1501.97	619.42	99.07	0	E	500	53.8	14.5	0.0	20.0	0.0	56.2	0.4	18.1	0.0	0.0	0.0	0.0	0.0	13.6
638	1498.82	622.36	99.10	0	D	500	56.8	14.1	0.0	20.0	0.0	56.0	0.3	18.1	0.0	0.0	0.0	0.0	0.0	16.5
638	1498.82	622.36	99.10	0	N	500	-46.2	14.1	0.0	20.0	0.0	56.0	0.3	18.1	0.0	0.0	0.0	0.0	0.0	-86.5
638	1498.82	622.36	99.10	0	E	500	53.8	14.1	0.0	20.0	0.0	56.0	0.3	18.1	0.0	0.0	0.0	0.0	0.0	13.5
899	1496.51	611.23	99.12	0	D	500	56.8	6.6	0.0	20.0	0.0	56.4	0.4	18.0	0.0	0.0	0.0	0.0	0.0	8.6
899	1496.51	611.23	99.12	0	N	500	-46.2	6.6	0.0	20.0	0.0	56.4	0.4	18.0	0.0	0.0	0.0	0.0	0.0	-94.4
899	1496.51	611.23	99.12	0	E	500	53.8	6.6	0.0	20.0	0.0	56.4	0.4	18.0	0.0	0.0	0.0	0.0	0.0	5.6

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
907	1424.96	513.03	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	59.4	1.3	1.3	0.0	0.0	3.7	0.0	0.0	16.5
907	1424.96	513.03	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	59.4	1.3	1.3	0.0	0.0	3.7	0.0	0.0	13.5
907	1424.96	513.03	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	59.4	1.3	1.3	0.0	0.0	3.7	0.0	0.0	15.3

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
916	1377.28	504.21	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	59.7	1.3	1.1	0.0	0.0	3.8	0.0	0.0	16.1
916	1377.28	504.21	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	59.7	1.3	1.1	0.0	0.0	3.8	0.0	0.0	13.1

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
916	1377.28	504.21	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	59.7	1.3	1.1	0.0	0.0	3.8	0.0	0.0	14.9

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
761	1308.58	468.92	101.06	0	D	A	70.6	9.7	0.0	0.0	0.0	61.2	1.2	0.5	0.0	0.0	16.4	0.0	0.0	1.1
761	1308.58	468.92	101.06	0	N	A	-34.1	9.7	0.0	0.0	0.0	61.2	1.2	0.5	0.0	0.0	16.4	0.0	0.0	-103.7
761	1308.58	468.92	101.06	0	E	A	65.9	9.7	0.0	0.0	0.0	61.2	1.2	0.5	0.0	0.0	16.4	0.0	0.0	-3.7
768	1305.90	477.33	101.02	0	D	A	70.6	9.1	0.0	0.0	0.0	61.0	1.2	0.6	0.0	0.0	18.8	0.0	0.0	-1.8
768	1305.90	477.33	101.02	0	N	A	-34.1	9.1	0.0	0.0	0.0	61.0	1.2	0.6	0.0	0.0	18.8	0.0	0.0	-106.5
768	1305.90	477.33	101.02	0	E	A	65.9	9.1	0.0	0.0	0.0	61.0	1.2	0.6	0.0	0.0	18.8	0.0	0.0	-6.5
770	1303.59	484.59	100.99	0	D	A	70.6	8.5	0.0	0.0	0.0	60.8	1.1	0.6	0.0	0.0	19.0	0.0	0.0	-2.5
770	1303.59	484.59	100.99	0	N	A	-34.1	8.5	0.0	0.0	0.0	60.8	1.1	0.6	0.0	0.0	19.0	0.0	0.0	-107.3
770	1303.59	484.59	100.99	0	E	A	65.9	8.5	0.0	0.0	0.0	60.8	1.1	0.6	0.0	0.0	19.0	0.0	0.0	-7.3
776	1301.70	490.52	100.97	0	D	A	70.6	7.3	0.0	0.0	0.0	60.7	1.1	0.7	0.0	0.0	19.2	0.0	0.0	-3.7
776	1301.70	490.52	100.97	0	N	A	-34.1	7.3	0.0	0.0	0.0	60.7	1.1	0.7	0.0	0.0	19.2	0.0	0.0	-108.4
776	1301.70	490.52	100.97	0	E	A	65.9	7.3	0.0	0.0	0.0	60.7	1.1	0.7	0.0	0.0	19.2	0.0	0.0	-8.4
782	1297.57	503.45	100.92	0	D	A	70.6	13.4	0.0	0.0	0.0	60.3	1.1	0.8	0.0	0.0	19.2	0.0	0.0	2.5
782	1297.57	503.45	100.92	0	N	A	-34.1	13.4	0.0	0.0	0.0	60.3	1.1	0.8	0.0	0.0	19.2	0.0	0.0	-102.3
782	1297.57	503.45	100.92	0	E	A	65.9	13.4	0.0	0.0	0.0	60.3	1.1	0.8	0.0	0.0	19.2	0.0	0.0	-2.3
790	1292.64	518.93	100.85	0	D	A	70.6	10.3	0.0	0.0	0.0	60.0	1.1	0.9	0.0	0.0	19.3	0.0	0.0	-0.3
790	1292.64	518.93	100.85	0	N	A	-34.1	10.3	0.0	0.0	0.0	60.0	1.1	0.9	0.0	0.0	19.3	0.0	0.0	-105.1
790	1292.64	518.93	100.85	0	E	A	65.9	10.3	0.0	0.0	0.0	60.0	1.1	0.9	0.0	0.0	19.3	0.0	0.0	-5.1
797	1287.25	535.82	100.78	0	D	A	70.6	13.9	0.0	0.0	0.0	59.6	1.0	1.3	0.0	0.0	19.6	0.0	0.0	3.0
797	1287.25	535.82	100.78	0	N	A	-34.1	13.9	0.0	0.0	0.0	59.6	1.0	1.3	0.0	0.0	19.6	0.0	0.0	-101.8
797	1287.25	535.82	100.78	0	E	A	65.9	13.9	0.0	0.0	0.0	59.6	1.0	1.3	0.0	0.0	19.6	0.0	0.0	-1.8
800	1282.90	549.48	100.73	0	D	A	70.6	6.0	0.0	0.0	0.0	59.2	1.0	2.7	0.0	0.0	11.9	0.0	0.0	1.8
800	1282.90	549.48	100.73	0	N	A	-34.1	6.0	0.0	0.0	0.0	59.2	1.0	2.7	0.0	0.0	11.9	0.0	0.0	-103.0
800	1282.90	549.48	100.73	0	E	A	65.9	6.0	0.0	0.0	0.0	59.2	1.0	2.7	0.0	0.0	11.9	0.0	0.0	-3.0
924	1317.37	443.22	101.11	0	D	A	70.6	16.5	0.0	0.0	0.0	61.7	1.3	0.4	0.0	0.0	14.3	0.0	0.0	9.4
924	1317.37	443.22	101.11	0	N	A	-34.1	16.5	0.0	0.0	0.0	61.7	1.3	0.4	0.0	0.0	14.3	0.0	0.0	-95.3
924	1317.37	443.22	101.11	0	E	A	65.9	16.5	0.0	0.0	0.0	61.7	1.3	0.4	0.0	0.0	14.3	0.0	0.0	4.7

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
926	1405.42	511.56	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.4	1.0	1.7	0.0	0.0	3.3	0.0	0.0	15.7
926	1405.42	511.56	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.4	1.0	1.7	0.0	0.0	3.3	0.0	0.0	12.7
926	1405.42	511.56	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.4	1.0	1.7	0.0	0.0	3.3	0.0	0.0	14.5

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
928	1397.02	510.51	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.5	1.0	1.7	0.0	0.0	3.3	0.0	0.0	15.7
928	1397.02	510.51	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.5	1.0	1.7	0.0	0.0	3.3	0.0	0.0	12.7
928	1397.02	510.51	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.5	1.0	1.7	0.0	0.0	3.3	0.0	0.0	14.4

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
933	1397.02	506.10	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.6	1.0	1.7	0.0	0.0	3.4	0.0	0.0	15.5
933	1397.02	506.10	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.6	1.0	1.7	0.0	0.0	3.4	0.0	0.0	12.5
933	1397.02	506.10	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.6	1.0	1.7	0.0	0.0	3.4	0.0	0.0	14.3

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
942	1372.24	498.96	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.9	1.0	1.6	0.0	0.0	3.4	0.0	0.0	15.2
942	1372.24	498.96	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.9	1.0	1.6	0.0	0.0	3.4	0.0	0.0	12.2
942	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.9	1.0	1.6	0.0	0.0	3.4	0.0	0.0	14.0

Receiver  
 Name: R06G  
 ID: R06W  
 X: 1398.27 m  
 Y: 771.84 m  
 Z: 108.44 m

Point Source, ISO 9613, Name: "Refrigerated Truck Idling", ID: "S27"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
603	1454.50	605.98	100.68	0	DEN	A	98.0	0.0	0.0	0.0	0.0	55.9	1.3	-0.4	0.0	0.0	5.1	0.0	0.0	0.0	36.1

Point Source, ISO 9613, Name: "ForkliftGarbageDump", ID: "S25"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
635	1421.81	606.70	100.28	0	D	A	100.9	0.0	-13.0	0.0	0.0	55.5	1.7	1.0	0.0	0.0	10.2	0.0	0.0	0.0	19.6
635	1421.81	606.70	100.28	0	N	A	100.9	0.0	-13.0	0.0	0.0	55.5	1.7	1.0	0.0	0.0	10.2	0.0	0.0	0.0	19.6
635	1421.81	606.70	100.28	0	E	A	100.9	0.0	-13.0	0.0	0.0	55.5	1.7	1.0	0.0	0.0	10.2	0.0	0.0	0.0	19.6

Point Source, ISO 9613, Name: "DeliveryTruckIdle", ID: "S29"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
697	1280.64	555.78	100.18	0	D	A	98.9	0.0	-1.8	0.0	0.0	58.8	0.9	2.4	0.0	0.0	15.2	0.0	0.0	0.0	19.7
697	1280.64	555.78	100.18	0	N	A	98.9	0.0	-188.0	0.0	0.0	58.8	0.9	2.4	0.0	0.0	15.2	0.0	0.0	0.0	-166.5
697	1280.64	555.78	100.18	0	E	A	98.9	0.0	-188.0	0.0	0.0	58.8	0.9	2.4	0.0	0.0	15.2	0.0	0.0	0.0	-166.5

Point Source, ISO 9613, Name: "Garbage Compactor", ID: "S24"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
705	1422.86	603.76	100.38	0	D	A	94.2	0.0	-7.8	0.0	0.0	55.6	0.5	2.7	0.0	0.0	4.9	0.0	0.0	0.0	22.7
705	1422.86	603.76	100.38	0	N	A	94.2	0.0	-7.8	0.0	0.0	55.6	0.5	2.7	0.0	0.0	4.9	0.0	0.0	0.0	22.7
705	1422.86	603.76	100.38	0	E	A	94.2	0.0	-7.8	0.0	0.0	55.6	0.5	2.7	0.0	0.0	4.9	0.0	0.0	0.0	22.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S01"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
735	1437.35	593.68	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.2	0.8	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	26.0
735	1437.35	593.68	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.2	0.8	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	23.0
735	1437.35	593.68	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.2	0.8	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	24.7

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S17"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
744	1417.81	584.65	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.5	0.8	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	25.7
744	1417.81	584.65	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.5	0.8	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	22.7
744	1417.81	584.65	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.5	0.8	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	24.4

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S16"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
758	1464.65	587.59	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	56.8	0.9	-0.2	0.0	0.0	4.9	0.0	0.0	0.0	25.3
758	1464.65	587.59	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	56.8	0.9	-0.2	0.0	0.0	4.9	0.0	0.0	0.0	22.3
758	1464.65	587.59	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	56.8	0.9	-0.2	0.0	0.0	4.9	0.0	0.0	0.0	24.0

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S13"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
760	1381.27	572.67	106.89	0	D	A	87.8	0.0	0.0	0.0	0.0	57.0	0.9	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	25.1
760	1381.27	572.67	106.89	0	N	A	87.8	0.0	-3.0	0.0	0.0	57.0	0.9	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	22.1
760	1381.27	572.67	106.89	0	E	A	87.8	0.0	-1.2	0.0	0.0	57.0	0.9	-0.1	0.0	0.0	4.9	0.0	0.0	0.0	23.9





Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
853	1372.87	515.76	106.89	0 N	A	87.8	0.0	-3.0	0.0	0.0	0.0	59.2	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	25.1
853	1372.87	515.76	106.89	0 E	A	87.8	0.0	-1.2	0.0	0.0	0.0	59.2	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	26.8

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
855	1316.38	519.75	106.89	0 D	A	87.8	0.0	0.0	0.0	0.0	0.0	59.5	1.1	-0.4	0.0	0.0	5.8	0.0	0.0	21.8
855	1316.38	519.75	106.89	0 N	A	87.8	0.0	-3.0	0.0	0.0	0.0	59.5	1.1	-0.4	0.0	0.0	5.8	0.0	0.0	18.7
855	1316.38	519.75	106.89	0 E	A	87.8	0.0	-1.2	0.0	0.0	0.0	59.5	1.1	-0.4	0.0	0.0	5.8	0.0	0.0	20.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
861	1348.72	508.62	106.89	0 D	A	87.8	0.0	0.0	0.0	0.0	0.0	59.6	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	27.7
861	1348.72	508.62	106.89	0 N	A	87.8	0.0	-3.0	0.0	0.0	0.0	59.6	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	24.7
861	1348.72	508.62	106.89	0 E	A	87.8	0.0	-1.2	0.0	0.0	0.0	59.6	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	26.5

Point Source, ISO 9613, Name: "Large Roof Fan", ID: "S06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
863	1322.89	499.17	106.89	0 D	A	87.8	0.0	0.0	0.0	0.0	0.0	60.0	1.2	-0.6	0.0	0.0	0.0	0.0	0.0	27.1
863	1322.89	499.17	106.89	0 N	A	87.8	0.0	-3.0	0.0	0.0	0.0	60.0	1.2	-0.6	0.0	0.0	0.0	0.0	0.0	24.1
863	1322.89	499.17	106.89	0 E	A	87.8	0.0	-1.2	0.0	0.0	0.0	60.0	1.2	-0.6	0.0	0.0	0.0	0.0	0.0	25.9

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
832	1311.58	568.25	100.23	0 D	A	66.5	17.7	0.0	0.0	0.0	0.0	57.9	1.0	2.2	0.0	0.0	15.5	0.0	0.0	7.7
832	1311.58	568.25	100.23	0 N	A	46.5	17.7	0.0	0.0	0.0	0.0	57.9	1.0	2.2	0.0	0.0	15.5	0.0	0.0	-105.3
832	1311.58	568.25	100.23	0 E	A	63.5	17.7	0.0	0.0	0.0	0.0	57.9	1.0	2.2	0.0	0.0	15.5	0.0	0.0	4.7
834	1367.58	588.38	100.23	0 D	A	66.5	17.7	0.0	0.0	0.0	0.0	56.4	0.9	2.2	0.0	0.0	11.9	0.0	0.0	12.9
834	1367.58	588.38	100.23	0 N	A	46.5	17.7	0.0	0.0	0.0	0.0	56.4	0.9	2.2	0.0	0.0	11.9	0.0	0.0	-100.1
834	1367.58	588.38	100.23	0 E	A	63.5	17.7	0.0	0.0	0.0	0.0	56.4	0.9	2.2	0.0	0.0	11.9	0.0	0.0	9.9
840	1399.63	599.90	100.24	0 D	A	66.5	9.3	0.0	0.0	0.0	0.0	55.7	0.8	2.4	0.0	0.0	9.7	0.0	0.0	7.2
840	1399.63	599.90	100.24	0 N	A	46.5	9.3	0.0	0.0	0.0	0.0	55.7	0.8	2.4	0.0	0.0	9.7	0.0	0.0	-105.8
840	1399.63	599.90	100.24	0 E	A	63.5	9.3	0.0	0.0	0.0	0.0	55.7	0.8	2.4	0.0	0.0	9.7	0.0	0.0	4.2
895	1431.82	611.23	100.25	0 D	A	66.5	17.8	0.0	0.0	0.0	0.0	55.3	0.8	2.6	0.0	0.0	6.9	0.0	0.0	18.6
895	1431.82	611.23	100.25	0 N	A	46.5	17.8	0.0	0.0	0.0	0.0	55.3	0.8	2.6	0.0	0.0	6.9	0.0	0.0	-94.4
895	1431.82	611.23	100.25	0 E	A	63.5	17.8	0.0	0.0	0.0	0.0	55.3	0.8	2.6	0.0	0.0	6.9	0.0	0.0	15.6
900	1508.71	584.39	100.15	0 D	A	66.5	16.7	0.0	0.0	0.0	0.0	57.8	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	26.1
900	1508.71	584.39	100.15	0 N	A	46.5	16.7	0.0	0.0	0.0	0.0	57.8	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-86.9
900	1508.71	584.39	100.15	0 E	A	63.5	16.7	0.0	0.0	0.0	0.0	57.8	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	23.1
902	1515.63	560.86	100.25	0 D	A	66.5	3.1	0.0	0.0	0.0	0.0	58.7	1.1	-1.8	0.0	0.0	3.4	0.0	0.0	8.3
902	1515.63	560.86	100.25	0 N	A	46.5	3.1	0.0	0.0	0.0	0.0	58.7	1.1	-1.8	0.0	0.0	3.4	0.0	0.0	-104.7
902	1515.63	560.86	100.25	0 E	A	63.5	3.1	0.0	0.0	0.0	0.0	58.7	1.1	-1.8	0.0	0.0	3.4	0.0	0.0	5.3
904	1518.54	550.97	100.29	0 D	A	66.5	12.7	0.0	0.0	0.0	0.0	59.0	1.1	-1.9	0.0	0.0	5.1	0.0	0.0	15.9
904	1518.54	550.97	100.29	0 N	A	46.5	12.7	0.0	0.0	0.0	0.0	59.0	1.1	-1.9	0.0	0.0	5.1	0.0	0.0	-97.1
904	1518.54	550.97	100.29	0 E	A	63.5	12.7	0.0	0.0	0.0	0.0	59.0	1.1	-1.9	0.0	0.0	5.1	0.0	0.0	12.9
909	1481.02	614.02	100.16	0 D	A	66.5	16.5	0.0	0.0	0.0	0.0	56.0	0.8	0.2	0.0	0.0	4.6	0.0	0.0	21.4
909	1481.02	614.02	100.16	0 N	A	46.5	16.5	0.0	0.0	0.0	0.0	56.0	0.8	0.2	0.0	0.0	4.6	0.0	0.0	-91.6
909	1481.02	614.02	100.16	0 E	A	63.5	16.5	0.0	0.0	0.0	0.0	56.0	0.8	0.2	0.0	0.0	4.6	0.0	0.0	18.4
911	1313.92	472.13	100.89	0 D	A	66.5	10.7	0.0	0.0	0.0	0.0	60.9	1.3	-2.0	0.0	0.0	18.2	0.0	0.0	-1.1
911	1313.92	472.13	100.89	0 N	A	46.5	10.7	0.0	0.0	0.0	0.0	60.9	1.3	-2.0	0.0	0.0	18.2	0.0	0.0	-114.1
911	1313.92	472.13	100.89	0 E	A	63.5	10.7	0.0	0.0	0.0	0.0	60.9	1.3	-2.0	0.0	0.0	18.2	0.0	0.0	-4.1
913	1310.13	482.89	100.80	0 D	A	66.5	10.4	0.0	0.0	0.0	0.0	60.6	1.3	-1.9	0.0	0.0	22.3	0.0	0.0	-5.4
913	1310.13	482.89	100.80	0 N	A	46.5	10.4	0.0	0.0	0.0	0.0	60.6	1.3	-1.9	0.0	0.0	22.3	0.0	0.0	-118.4
913	1310.13	482.89	100.80	0 E	A	63.5	10.4	0.0	0.0	0.0	0.0	60.6	1.3	-1.9	0.0	0.0	22.3	0.0	0.0	-8.4
915	1307.54	490.24	100.75	0 D	A	66.5	6.7	0.0	0.0	0.0	0.0	60.4	1.3	-1.7	0.0	0.0	24.6	0.0	0.0	-11.4
915	1307.54	490.24	100.75	0 N	A	46.5	6.7	0.0	0.0	0.0	0.0	60.4	1.3	-1.7	0.0	0.0	24.6	0.0	0.0	-124.4
915	1307.54	490.24	100.75	0 E	A	63.5	6.7	0.0	0.0	0.0	0.0	60.4	1.3	-1.7	0.0	0.0	24.6	0.0	0.0	-14.4
920	1305.47	496.11	100.70	0 D	A	66.5	8.9	0.0	0.0	0.0	0.0	60.3	1.2	-1.7	0.0	0.0	24.4	0.0	0.0	-8.7
920	1305.47	496.11	100.70	0 N	A	46.5	8.9	0.0	0.0	0.0	0.0	60.3	1.2	-1.7	0.0	0.0	24.4	0.0	0.0	-121.8
920	1305.47	496.11	100.70	0 E	A	63.5	8.9	0.0	0.0	0.0	0.0	60.3	1.2	-1.7	0.0	0.0	24.4	0.0	0.0	-11.8
930	1300.88	509.13	100.60	0 D	A	66.5	13.0	0.0	0.0	0.0	0.0	60.0	1.2	-1.6	0.0	0.0	21.9	0.0	0.0	-1.9

Line Source, ISO 9613, Name: "Forklift", ID: "b05_Forklift"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
930	1300.88	509.13	100.60	0	N	A	-46.5	13.0	0.0	0.0	0.0	60.0	1.2	-1.6	0.0	0.0	21.9	0.0	0.0	-114.9
930	1300.88	509.13	100.60	0	E	A	63.5	13.0	0.0	0.0	0.0	60.0	1.2	-1.6	0.0	0.0	21.9	0.0	0.0	-4.9
932	1295.77	523.60	100.49	0	D	A	66.5	10.4	0.0	0.0	0.0	59.6	1.2	-1.5	0.0	0.0	24.3	0.0	0.0	-6.7
932	1295.77	523.60	100.49	0	N	A	-46.5	10.4	0.0	0.0	0.0	59.6	1.2	-1.5	0.0	0.0	24.3	0.0	0.0	-119.7
932	1295.77	523.60	100.49	0	E	A	63.5	10.4	0.0	0.0	0.0	59.6	1.2	-1.5	0.0	0.0	24.3	0.0	0.0	-9.7
935	1289.91	540.23	100.37	0	D	A	66.5	13.9	0.0	0.0	0.0	59.2	1.1	-1.2	0.0	0.0	24.6	0.0	0.0	-3.2
935	1289.91	540.23	100.37	0	N	A	-46.5	13.9	0.0	0.0	0.0	59.2	1.1	-1.2	0.0	0.0	24.6	0.0	0.0	-116.2
935	1289.91	540.23	100.37	0	E	A	63.5	13.9	0.0	0.0	0.0	59.2	1.1	-1.2	0.0	0.0	24.6	0.0	0.0	-6.2
940	1284.72	554.95	100.25	0	D	A	66.5	8.3	0.0	0.0	0.0	58.8	1.1	1.6	0.0	0.0	15.0	0.0	0.0	-1.6
940	1284.72	554.95	100.25	0	N	A	-46.5	8.3	0.0	0.0	0.0	58.8	1.1	1.6	0.0	0.0	15.0	0.0	0.0	-114.6
940	1284.72	554.95	100.25	0	E	A	63.5	8.3	0.0	0.0	0.0	58.8	1.1	1.6	0.0	0.0	15.0	0.0	0.0	-4.6

Line Source, ISO 9613, Name: "Box Truck Delivery", ID: "S_BoxTruck"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
605	1529.65	510.60	98.33	0	D	500	56.8	21.1	0.0	20.0	0.0	60.3	0.6	12.6	0.0	0.0	0.0	0.0	0.0	24.5
605	1529.65	510.60	98.33	0	N	500	-46.2	21.1	0.0	20.0	0.0	60.3	0.6	12.6	0.0	0.0	0.0	0.0	0.0	-78.5
605	1529.65	510.60	98.33	0	E	500	53.8	21.1	0.0	20.0	0.0	60.3	0.6	12.6	0.0	0.0	0.0	0.0	0.0	21.5
619	1508.66	573.40	98.86	0	D	500	56.8	3.6	0.0	20.0	0.0	58.1	0.4	12.9	0.0	0.0	0.0	0.0	0.0	8.9
619	1508.66	573.40	98.86	0	N	500	-46.2	3.6	0.0	20.0	0.0	58.1	0.4	12.9	0.0	0.0	0.0	0.0	0.0	-94.1
619	1508.66	573.40	98.86	0	E	500	53.8	3.6	0.0	20.0	0.0	58.1	0.4	12.9	0.0	0.0	0.0	0.0	0.0	5.9
626	1503.03	590.23	99.00	0	D	500	56.8	15.2	0.0	20.0	0.0	57.4	0.4	13.0	0.0	0.0	0.0	0.0	0.0	21.1
626	1503.03	590.23	99.00	0	N	500	-46.2	15.2	0.0	20.0	0.0	57.4	0.4	13.0	0.0	0.0	0.0	0.0	0.0	-81.9
626	1503.03	590.23	99.00	0	E	500	53.8	15.2	0.0	20.0	0.0	57.4	0.4	13.0	0.0	0.0	0.0	0.0	0.0	18.1
650	1471.12	605.16	99.54	0	D	500	56.8	15.4	0.0	20.0	0.0	56.2	0.4	13.2	0.0	0.0	0.0	0.0	0.0	22.5
650	1471.12	605.16	99.54	0	N	500	-46.2	15.4	0.0	20.0	0.0	56.2	0.4	13.2	0.0	0.0	0.0	0.0	0.0	-80.5
650	1471.12	605.16	99.54	0	E	500	53.8	15.4	0.0	20.0	0.0	56.2	0.4	13.2	0.0	0.0	0.0	0.0	0.0	19.5
658	1492.12	612.09	99.18	0	D	500	56.8	9.7	0.0	20.0	0.0	56.4	0.4	13.2	0.0	0.0	0.0	0.0	0.0	16.5
658	1492.12	612.09	99.18	0	N	500	-46.2	9.7	0.0	20.0	0.0	56.4	0.4	13.2	0.0	0.0	0.0	0.0	0.0	-86.5
658	1492.12	612.09	99.18	0	E	500	53.8	9.7	0.0	20.0	0.0	56.4	0.4	13.2	0.0	0.0	0.0	0.0	0.0	13.5
674	1489.77	611.30	99.22	0	D	500	56.8	5.5	0.0	20.0	0.0	56.3	0.4	13.2	0.0	0.0	0.0	0.0	0.0	12.4
674	1489.77	611.30	99.22	0	N	500	-46.2	5.5	0.0	20.0	0.0	56.3	0.4	13.2	0.0	0.0	0.0	0.0	0.0	-90.6
674	1489.77	611.30	99.22	0	E	500	53.8	5.5	0.0	20.0	0.0	56.3	0.4	13.2	0.0	0.0	0.0	0.0	0.0	9.4
687	1471.29	605.21	99.53	0	D	500	56.8	15.5	0.0	20.0	0.0	56.2	0.4	13.2	0.0	0.0	0.0	0.0	0.0	22.5
687	1471.29	605.21	99.53	0	N	500	-46.2	15.5	0.0	20.0	0.0	56.2	0.4	13.2	0.0	0.0	0.0	0.0	0.0	-80.5
687	1471.29	605.21	99.53	0	E	500	53.8	15.5	0.0	20.0	0.0	56.2	0.4	13.2	0.0	0.0	0.0	0.0	0.0	19.5
706	1501.97	619.42	99.07	0	D	500	56.8	14.5	0.0	20.0	0.0	56.3	0.4	13.3	0.0	0.0	0.0	0.0	0.0	21.4
706	1501.97	619.42	99.07	0	N	500	-46.2	14.5	0.0	20.0	0.0	56.3	0.4	13.3	0.0	0.0	0.0	0.0	0.0	-81.6
706	1501.97	619.42	99.07	0	E	500	53.8	14.5	0.0	20.0	0.0	56.3	0.4	13.3	0.0	0.0	0.0	0.0	0.0	18.4
714	1498.82	622.36	99.10	0	D	500	56.8	14.1	0.0	20.0	0.0	56.1	0.3	13.3	0.0	0.0	0.0	0.0	0.0	21.2
714	1498.82	622.36	99.10	0	N	500	-46.2	14.1	0.0	20.0	0.0	56.1	0.3	13.3	0.0	0.0	0.0	0.0	0.0	-81.8
714	1498.82	622.36	99.10	0	E	500	53.8	14.1	0.0	20.0	0.0	56.1	0.3	13.3	0.0	0.0	0.0	0.0	0.0	18.2
954	1496.51	611.23	99.12	0	D	500	56.8	6.6	0.0	20.0	0.0	56.5	0.4	13.2	0.0	0.0	0.0	0.0	0.0	13.4
954	1496.51	611.23	99.12	0	N	500	-46.2	6.6	0.0	20.0	0.0	56.5	0.4	13.2	0.0	0.0	0.0	0.0	0.0	-89.7
954	1496.51	611.23	99.12	0	E	500	53.8	6.6	0.0	20.0	0.0	56.5	0.4	13.2	0.0	0.0	0.0	0.0	0.0	10.3

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
955	1424.96	513.03	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	59.3	1.3	-0.6	0.0	0.0	0.0	0.0	0.0	22.1
955	1424.96	513.03	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	59.3	1.3	-0.6	0.0	0.0	0.0	0.0	0.0	19.1
955	1424.96	513.03	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	59.3	1.3	-0.6	0.0	0.0	0.0	0.0	0.0	20.9

Point Source, ISO 9613, Name: "Medium Roof Fan", ID: "S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
959	1377.28	504.21	106.89	0	D	A	82.1	0.0	0.0	0.0	0.0	59.6	1.3	-0.7	0.0	0.0	0.0	0.0	0.0	21.9
959	1377.28	504.21	106.89	0	N	A	82.1	0.0	-3.0	0.0	0.0	59.6	1.3	-0.7	0.0	0.0	0.0	0.0	0.0	18.9
959	1377.28	504.21	106.89	0	E	A	82.1	0.0	-1.2	0.0	0.0	59.6	1.3	-0.7	0.0	0.0	0.0	0.0	0.0	20.6

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
869	1309.50	466.04	101.07	0	D	A	70.6	5.3	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	14.0	0.0	0.0	1.6

Line Source, ISO 9613, Name: "Morning Flatbed Loading by Lowes", ID: "S_MorningFlatbedLoad"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
869	1309.50	466.04	101.07	0	N	A	-34.1	5.3	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	14.0	0.0	0.0	-103.2
869	1309.50	466.04	101.07	0	E	A	65.9	5.3	0.0	0.0	0.0	61.1	1.2	-1.9	0.0	0.0	14.0	0.0	0.0	-3.2
871	1307.20	473.27	101.04	0	D	A	70.6	10.7	0.0	0.0	0.0	60.9	1.2	-1.7	0.0	0.0	16.2	0.0	0.0	4.8
871	1307.20	473.27	101.04	0	N	A	-34.1	10.7	0.0	0.0	0.0	60.9	1.2	-1.7	0.0	0.0	16.2	0.0	0.0	-100.0
871	1307.20	473.27	101.04	0	E	A	65.9	10.7	0.0	0.0	0.0	60.9	1.2	-1.7	0.0	0.0	16.2	0.0	0.0	0.0
873	1304.65	481.27	101.01	0	D	A	70.6	7.0	0.0	0.0	0.0	60.7	1.1	-1.6	0.0	0.0	20.5	0.0	0.0	-3.1
873	1304.65	481.27	101.01	0	N	A	-34.1	7.0	0.0	0.0	0.0	60.7	1.1	-1.6	0.0	0.0	20.5	0.0	0.0	-107.8
873	1304.65	481.27	101.01	0	E	A	65.9	7.0	0.0	0.0	0.0	60.7	1.1	-1.6	0.0	0.0	20.5	0.0	0.0	-7.8
875	1302.62	487.63	100.98	0	D	A	70.6	9.2	0.0	0.0	0.0	60.5	1.1	-1.6	0.0	0.0	20.3	0.0	0.0	-0.5
875	1302.62	487.63	100.98	0	N	A	-34.1	9.2	0.0	0.0	0.0	60.5	1.1	-1.6	0.0	0.0	20.3	0.0	0.0	-105.3
875	1302.62	487.63	100.98	0	E	A	65.9	9.2	0.0	0.0	0.0	60.5	1.1	-1.6	0.0	0.0	20.3	0.0	0.0	-5.3
881	1298.13	501.70	100.92	0	D	A	70.6	13.3	0.0	0.0	0.0	60.2	1.1	-1.5	0.0	0.0	16.9	0.0	0.0	7.3
881	1298.13	501.70	100.92	0	N	A	-34.1	13.3	0.0	0.0	0.0	60.2	1.1	-1.5	0.0	0.0	16.9	0.0	0.0	-97.5
881	1298.13	501.70	100.92	0	E	A	65.9	13.3	0.0	0.0	0.0	60.2	1.1	-1.5	0.0	0.0	16.9	0.0	0.0	2.5
887	1293.17	517.27	100.86	0	D	A	70.6	10.6	0.0	0.0	0.0	59.8	1.0	-1.2	0.0	0.0	20.8	0.0	0.0	0.8
887	1293.17	517.27	100.86	0	N	A	-34.1	10.6	0.0	0.0	0.0	59.8	1.0	-1.2	0.0	0.0	20.8	0.0	0.0	-104.0
887	1293.17	517.27	100.86	0	E	A	65.9	10.6	0.0	0.0	0.0	59.8	1.0	-1.2	0.0	0.0	20.8	0.0	0.0	-4.0
890	1287.50	535.04	100.79	0	D	A	70.6	14.1	0.0	0.0	0.0	59.4	1.0	-0.8	0.0	0.0	21.5	0.0	0.0	3.7
890	1287.50	535.04	100.79	0	N	A	-34.1	14.1	0.0	0.0	0.0	59.4	1.0	-0.8	0.0	0.0	21.5	0.0	0.0	-101.0
890	1287.50	535.04	100.79	0	E	A	65.9	14.1	0.0	0.0	0.0	59.4	1.0	-0.8	0.0	0.0	21.5	0.0	0.0	-1.0
893	1282.94	549.34	100.73	0	D	A	70.6	6.3	0.0	0.0	0.0	59.0	1.0	1.0	0.0	0.0	12.9	0.0	0.0	3.1
893	1282.94	549.34	100.73	0	N	A	-34.1	6.3	0.0	0.0	0.0	59.0	1.0	1.0	0.0	0.0	12.9	0.0	0.0	-101.7
893	1282.94	549.34	100.73	0	E	A	65.9	6.3	0.0	0.0	0.0	59.0	1.0	1.0	0.0	0.0	12.9	0.0	0.0	-1.7
963	1317.37	443.22	101.11	0	D	A	70.6	16.5	0.0	0.0	0.0	61.6	1.2	-1.9	0.0	0.0	12.2	0.0	0.0	14.0
963	1317.37	443.22	101.11	0	N	A	-34.1	16.5	0.0	0.0	0.0	61.6	1.2	-1.9	0.0	0.0	12.2	0.0	0.0	-90.7
963	1317.37	443.22	101.11	0	E	A	65.9	16.5	0.0	0.0	0.0	61.6	1.2	-1.9	0.0	0.0	12.2	0.0	0.0	9.3

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
969	1405.42	511.56	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	21.3
969	1405.42	511.56	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	18.3
969	1405.42	511.56	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
978	1397.02	510.51	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	21.3
978	1397.02	510.51	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	18.3
978	1397.02	510.51	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	20.0

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S20"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
982	1397.02	506.10	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.5	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	21.2
982	1397.02	506.10	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.5	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	18.1
982	1397.02	506.10	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.5	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	19.9

Point Source, ISO 9613, Name: "Small Roof Fan", ID: "S23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahours	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
988	1372.24	498.96	106.89	0	D	A	81.2	0.0	0.0	0.0	0.0	59.8	1.0	-0.5	0.0	0.0	0.0	0.0	0.0	20.9
988	1372.24	498.96	106.89	0	N	A	81.2	0.0	-3.0	0.0	0.0	59.8	1.0	-0.5	0.0	0.0	0.0	0.0	0.0	17.9
988	1372.24	498.96	106.89	0	E	A	81.2	0.0	-1.2	0.0	0.0	59.8	1.0	-0.5	0.0	0.0	0.0	0.0	0.0	19.7

Receiver  
 Name: R01W  
 ID: R01W  
 X: 1427.88 m  
 Y: 687.51 m  
 Z: 108.19 m

Point Source, ISO 9613, Name: "ReadyMix Cement Truck - Unloading", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
53	1657.79	723.28	101.11	0	D	A	116.5	0.0	0.0	0.0	0.0	58.3	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	58.3
53	1657.79	723.28	101.11	0	N	A	116.5	0.0	-188.0	0.0	0.0	58.3	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-129.7
53	1657.79	723.28	101.11	0	E	A	116.5	0.0	-188.0	0.0	0.0	58.3	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-129.7

Point Source, ISO 9613, Name: "ReadyMix Truck - Loading", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
55	1639.52	697.18	101.08	0	D	A	110.9	0.0	0.0	0.0	0.0	57.5	1.6	-1.0	0.0	0.0	0.0	0.0	0.0	52.7
55	1639.52	697.18	101.08	0	N	A	110.9	0.0	-188.0	0.0	0.0	57.5	1.6	-1.0	0.0	0.0	0.0	0.0	0.0	-135.3
55	1639.52	697.18	101.08	0	E	A	110.9	0.0	-188.0	0.0	0.0	57.5	1.6	-1.0	0.0	0.0	0.0	0.0	0.0	-135.3

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
69	1653.40	678.79	101.05	0	D	A	110.9	0.0	0.0	0.0	0.0	58.1	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	52.4
69	1653.40	678.79	101.05	0	N	A	110.9	0.0	-188.0	0.0	0.0	58.1	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	-135.6
69	1653.40	678.79	101.05	0	E	A	110.9	0.0	-188.0	0.0	0.0	58.1	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	-135.6

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
70	1659.15	682.12	101.06	0	D	A	110.9	0.0	0.0	0.0	0.0	58.3	1.8	-1.5	0.0	0.0	0.0	0.0	0.0	52.3
70	1659.15	682.12	101.06	0	N	A	110.9	0.0	-188.0	0.0	0.0	58.3	1.8	-1.5	0.0	0.0	0.0	0.0	0.0	-135.7
70	1659.15	682.12	101.06	0	E	A	110.9	0.0	-188.0	0.0	0.0	58.3	1.8	-1.5	0.0	0.0	0.0	0.0	0.0	-135.7

Point Source, ISO 9613, Name: "ReadyMix Loader", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
77	1671.55	705.01	101.09	0	D	A	100.8	0.0	-3.0	0.0	0.0	58.8	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	39.6
77	1671.55	705.01	101.09	0	N	A	100.8	0.0	-188.0	0.0	0.0	58.8	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-145.3
77	1671.55	705.01	101.09	0	E	A	100.8	0.0	-188.0	0.0	0.0	58.8	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-145.3

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
91	1618.46	707.36	99.71	0	D	A	70.3	17.6	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	31.7
91	1618.46	707.36	99.71	0	N	A	-40.5	17.6	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-79.0
91	1618.46	707.36	99.71	0	E	A	-40.5	17.6	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-79.0
92	1634.45	666.55	99.65	0	D	A	70.3	15.3	0.0	0.0	0.0	57.4	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	28.8
92	1634.45	666.55	99.65	0	N	A	-40.5	15.3	0.0	0.0	0.0	57.4	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-82.0
92	1634.45	666.55	99.65	0	E	A	-40.5	15.3	0.0	0.0	0.0	57.4	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-82.0
93	1618.52	717.94	99.70	0	D	A	70.3	14.5	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	28.6
93	1618.52	717.94	99.70	0	N	A	-40.5	14.5	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-82.2
93	1618.52	717.94	99.70	0	E	A	-40.5	14.5	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-82.2
94	1636.79	666.58	99.64	0	D	A	70.3	13.5	0.0	0.0	0.0	57.4	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	26.9
94	1636.79	666.58	99.64	0	N	A	-40.5	13.5	0.0	0.0	0.0	57.4	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	-83.9
94	1636.79	666.58	99.64	0	E	A	-40.5	13.5	0.0	0.0	0.0	57.4	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	-83.9
108	1598.12	752.34	99.77	0	D	A	70.3	12.0	0.0	0.0	0.0	56.2	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	26.6
108	1598.12	752.34	99.77	0	N	A	-40.5	12.0	0.0	0.0	0.0	56.2	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	-84.2
108	1598.12	752.34	99.77	0	E	A	-40.5	12.0	0.0	0.0	0.0	56.2	0.9	-1.5	0.0	0.0	0.0	0.0	0.0	-84.2
138	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	56.1	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	25.9
138	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	56.1	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	-84.9
138	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	56.1	0.9	-1.4	0.0	0.0	0.0	0.0	0.0	-84.9
158	1628.96	693.86	99.68	0	D	A	70.3	12.1	0.0	0.0	0.0	57.1	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	25.9

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
158	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	57.1	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-84.9
158	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	57.1	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-84.9
166	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	56.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	26.0
166	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	56.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-84.8
166	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	56.9	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-84.8
175	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	56.8	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	26.2
175	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	56.8	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	-84.6
175	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	56.8	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	-84.6
183	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	57.1	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	25.8
183	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	57.1	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	-85.0
183	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	57.1	1.0	-1.7	0.0	0.0	0.0	0.0	0.0	-85.0
192	1653.73	671.04	99.64	0	D	A	70.3	13.1	0.0	0.0	0.0	58.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	26.0
192	1653.73	671.04	99.64	0	N	A	-40.5	13.1	0.0	0.0	0.0	58.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	-84.8
192	1653.73	671.04	99.64	0	E	A	-40.5	13.1	0.0	0.0	0.0	58.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	-84.8
209	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	24.9
209	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-85.9
209	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-85.9
224	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	58.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	24.9
224	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	58.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	-85.9
224	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	58.1	1.1	-1.9	0.0	0.0	0.0	0.0	0.0	-85.9
245	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	24.6
245	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-86.2
245	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	56.7	1.0	-1.6	0.0	0.0	0.0	0.0	0.0	-86.2
250	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	56.6	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	24.4
250	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	56.6	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	-86.4
250	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	56.6	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	-86.4
259	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	56.7	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	24.0
259	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	56.7	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	-86.7
259	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	56.7	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	-86.7
267	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	58.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	23.8
267	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	58.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	-87.0
267	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	58.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	-87.0
269	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	58.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	23.5
269	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	58.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	-87.3
269	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	58.0	1.1	-1.8	0.0	0.0	0.0	0.0	0.0	-87.3

Receiver  
 Name: R01G  
 ID: R01G  
 X: 1435.77 m  
 Y: 696.76 m  
 Z: 105.12 m

Point Source, ISO 9613, Name: "ReadyMix Cement Truck - Unloading", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1	1657.79	723.28	101.11	0 D		A	116.5	0.0	0.0	0.0	0.0	58.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	57.2
1	1657.79	723.28	101.11	0 N		A	116.5	0.0	-188.0	0.0	0.0	58.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	-130.8
1	1657.79	723.28	101.11	0 E		A	116.5	0.0	-188.0	0.0	0.0	58.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	-130.8

Point Source, ISO 9613, Name: "ReadyMix Truck - Loading", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2	1639.52	697.18	101.08	0 D		A	110.9	0.0	0.0	0.0	0.0	57.2	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	52.2
2	1639.52	697.18	101.08	0 N		A	110.9	0.0	-188.0	0.0	0.0	57.2	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-135.8
2	1639.52	697.18	101.08	0 E		A	110.9	0.0	-188.0	0.0	0.0	57.2	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-135.8

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7	1653.40	678.79	101.05	0 D		A	110.9	0.0	0.0	0.0	0.0	57.8	1.7	-0.3	0.0	0.0	0.0	0.0	0.0	51.7
7	1653.40	678.79	101.05	0 N		A	110.9	0.0	-188.0	0.0	0.0	57.8	1.7	-0.3	0.0	0.0	0.0	0.0	0.0	-136.3
7	1653.40	678.79	101.05	0 E		A	110.9	0.0	-188.0	0.0	0.0	57.8	1.7	-0.3	0.0	0.0	0.0	0.0	0.0	-136.3

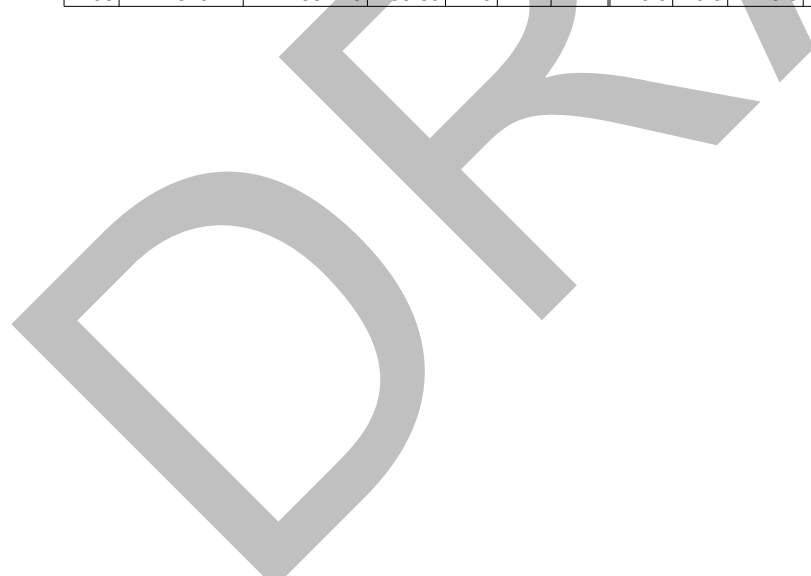
Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9	1659.15	682.12	101.06	0 D		A	110.9	0.0	0.0	0.0	0.0	58.0	1.7	-0.4	0.0	0.0	0.0	0.0	0.0	51.6
9	1659.15	682.12	101.06	0 N		A	110.9	0.0	-188.0	0.0	0.0	58.0	1.7	-0.4	0.0	0.0	0.0	0.0	0.0	-136.4
9	1659.15	682.12	101.06	0 E		A	110.9	0.0	-188.0	0.0	0.0	58.0	1.7	-0.4	0.0	0.0	0.0	0.0	0.0	-136.4

Point Source, ISO 9613, Name: "ReadyMix Loader", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
11	1671.55	705.01	101.09	0 D		A	100.8	0.0	-3.0	0.0	0.0	58.5	1.1	-1.0	0.0	0.0	0.0	0.0	0.0	39.3
11	1671.55	705.01	101.09	0 N		A	100.8	0.0	-188.0	0.0	0.0	58.5	1.1	-1.0	0.0	0.0	0.0	0.0	0.0	-145.7
11	1671.55	705.01	101.09	0 E		A	100.8	0.0	-188.0	0.0	0.0	58.5	1.1	-1.0	0.0	0.0	0.0	0.0	0.0	-145.7

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
13	1618.46	707.36	99.71	0 D		A	70.3	17.6	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	30.9
13	1618.46	707.36	99.71	0 N		A	-40.5	17.6	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-79.9
13	1618.46	707.36	99.71	0 E		A	-40.5	17.6	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-79.9
40	1634.45	666.55	99.65	0 D		A	70.3	15.3	0.0	0.0	0.0	57.1	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	27.8
40	1634.45	666.55	99.65	0 N		A	-40.5	15.3	0.0	0.0	0.0	57.1	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-83.0
40	1634.45	666.55	99.65	0 E		A	-40.5	15.3	0.0	0.0	0.0	57.1	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-83.0
41	1618.52	717.94	99.70	0 D		A	70.3	14.5	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	27.8
41	1618.52	717.94	99.70	0 N		A	-40.5	14.5	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-83.0
41	1618.52	717.94	99.70	0 E		A	-40.5	14.5	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-83.0
42	1598.12	752.34	99.77	0 D		A	70.3	12.0	0.0	0.0	0.0	55.7	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	25.9
42	1598.12	752.34	99.77	0 N		A	-40.5	12.0	0.0	0.0	0.0	55.7	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	-84.9
42	1598.12	752.34	99.77	0 E		A	-40.5	12.0	0.0	0.0	0.0	55.7	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	-84.9
156	1636.79	666.58	99.64	0 D		A	70.3	13.5	0.0	0.0	0.0	57.2	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	25.7
156	1636.79	666.58	99.64	0 N		A	-40.5	13.5	0.0	0.0	0.0	57.2	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	-85.0
156	1636.79	666.58	99.64	0 E		A	-40.5	13.5	0.0	0.0	0.0	57.2	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	-85.0
164	1597.24	750.25	99.77	0 D		A	70.3	11.2	0.0	0.0	0.0	55.6	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	25.2
164	1597.24	750.25	99.77	0 N		A	-40.5	11.2	0.0	0.0	0.0	55.6	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	-85.6
164	1597.24																			

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

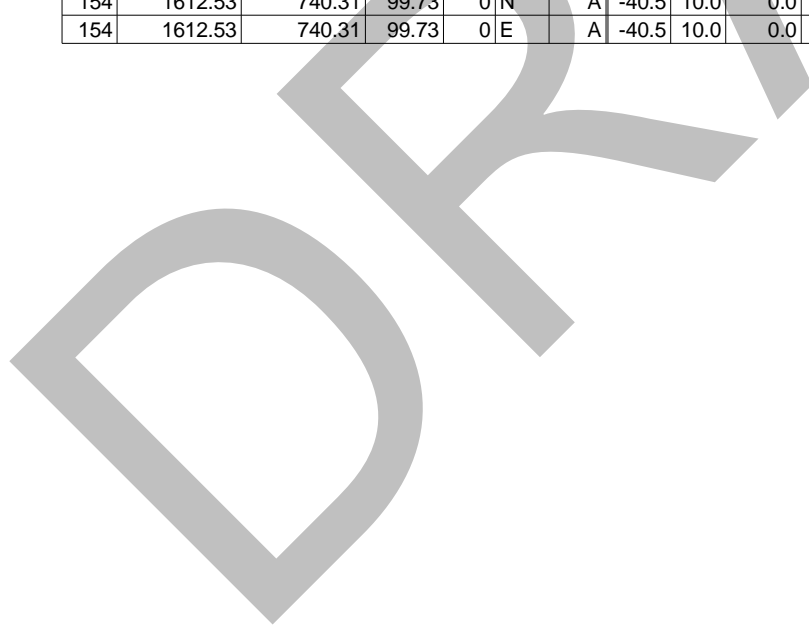
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
179	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	56.4	0.9	-0.4	0.0	0.0	0.0	0.0	0.0	-85.4
179	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	56.4	0.9	-0.4	0.0	0.0	0.0	0.0	0.0	-85.4
187	1628.96	693.86	99.68	0	D	A	70.3	12.1	0.0	0.0	0.0	56.7	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	25.0
187	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	56.7	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-85.8
187	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	56.7	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-85.8
189	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	56.6	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	25.1
189	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	56.6	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-85.7
189	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	56.6	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-85.7
214	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	56.8	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	24.9
214	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	56.8	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-85.9
214	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	56.8	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-85.9
216	1653.73	671.04	99.64	0	D	A	70.3	13.1	0.0	0.0	0.0	57.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	25.0
216	1653.73	671.04	99.64	0	N	A	-40.5	13.1	0.0	0.0	0.0	57.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-85.8
216	1653.73	671.04	99.64	0	E	A	-40.5	13.1	0.0	0.0	0.0	57.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-85.8
218	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	24.0
218	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-86.8
218	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	56.3	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-86.8
226	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	56.2	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	23.8
226	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	56.2	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-86.9
226	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	56.2	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-86.9
228	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	56.1	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	23.7
228	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	56.1	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-87.0
228	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	56.1	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-87.0
230	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	57.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	23.9
230	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	57.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-86.9
230	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	57.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-86.9
232	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	56.2	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	23.3
232	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	56.2	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-87.5
232	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	56.2	0.9	-0.3	0.0	0.0	0.0	0.0	0.0	-87.5
234	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	57.8	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	22.8
234	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	57.8	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	-88.0
234	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	57.8	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	-88.0
236	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	57.7	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	22.5
236	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	57.7	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	-88.3
236	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	57.7	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	-88.3







Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
89	1625.64	681.88	99.66	0 N		A	-40.5	12.1	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	-86.3
89	1625.64	681.88	99.66	0 E		A	-40.5	12.1	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	-86.3
99	1653.73	671.04	99.64	0 D		A	70.3	13.1	0.0	0.0	0.0	59.2	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	24.7
99	1653.73	671.04	99.64	0 N		A	-40.5	13.1	0.0	0.0	0.0	59.2	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	-86.1
99	1653.73	671.04	99.64	0 E		A	-40.5	13.1	0.0	0.0	0.0	59.2	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	-86.1
113	1629.67	692.44	99.67	0 D		A	70.3	12.0	0.0	0.0	0.0	58.5	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	24.2
113	1629.67	692.44	99.67	0 N		A	-40.5	12.0	0.0	0.0	0.0	58.5	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-86.6
113	1629.67	692.44	99.67	0 E		A	-40.5	12.0	0.0	0.0	0.0	58.5	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-86.6
115	1615.78	739.84	99.73	0 D		A	70.3	12.1	0.0	0.0	0.0	58.6	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	24.0
115	1615.78	739.84	99.73	0 N		A	-40.5	12.1	0.0	0.0	0.0	58.6	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-86.8
115	1615.78	739.84	99.73	0 E		A	-40.5	12.1	0.0	0.0	0.0	58.6	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-86.8
117	1597.24	750.25	99.77	0 D		A	70.3	11.2	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	23.6
117	1597.24	750.25	99.77	0 N		A	-40.5	11.2	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	-87.2
117	1597.24	750.25	99.77	0 E		A	-40.5	11.2	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	-87.2
140	1652.80	673.34	99.64	0 D		A	70.3	11.9	0.0	0.0	0.0	59.1	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	23.3
140	1652.80	673.34	99.64	0 N		A	-40.5	11.9	0.0	0.0	0.0	59.1	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-87.5
140	1652.80	673.34	99.64	0 E		A	-40.5	11.9	0.0	0.0	0.0	59.1	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-87.5
149	1620.66	698.13	99.68	0 D		A	70.3	10.7	0.0	0.0	0.0	58.2	1.1	-1.4	0.0	0.0	0.0	0.0	0.0	23.0
149	1620.66	698.13	99.68	0 N		A	-40.5	10.7	0.0	0.0	0.0	58.2	1.1	-1.4	0.0	0.0	0.0	0.0	0.0	-87.8
149	1620.66	698.13	99.68	0 E		A	-40.5	10.7	0.0	0.0	0.0	58.2	1.1	-1.4	0.0	0.0	0.0	0.0	0.0	-87.8
150	1650.45	657.44	99.62	0 D		A	70.3	10.9	0.0	0.0	0.0	59.0	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	22.7
150	1650.45	657.44	99.62	0 N		A	-40.5	10.9	0.0	0.0	0.0	59.0	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	-88.1
150	1650.45	657.44	99.62	0 E		A	-40.5	10.9	0.0	0.0	0.0	59.0	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	-88.1
151	1610.33	751.10	99.75	0 D		A	70.3	10.5	0.0	0.0	0.0	58.6	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	22.5
151	1610.33	751.10	99.75	0 N		A	-40.5	10.5	0.0	0.0	0.0	58.6	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-88.3
151	1610.33	751.10	99.75	0 E		A	-40.5	10.5	0.0	0.0	0.0	58.6	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-88.3
152	1607.60	748.53	99.74	0 D		A	70.3	10.2	0.0	0.0	0.0	58.5	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	22.3
152	1607.60	748.53	99.74	0 N		A	-40.5	10.2	0.0	0.0	0.0	58.5	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-88.5
152	1607.60	748.53	99.74	0 E		A	-40.5	10.2	0.0	0.0	0.0	58.5	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-88.5
153	1649.12	662.19	99.63	0 D		A	70.3	10.5	0.0	0.0	0.0	59.0	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	22.3
153	1649.12	662.19	99.63	0 N		A	-40.5	10.5	0.0	0.0	0.0	59.0	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	-88.5
153	1649.12	662.19	99.63	0 E		A	-40.5	10.5	0.0	0.0	0.0	59.0	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	-88.5
154	1612.53	740.31	99.73	0 D		A	70.3	10.0	0.0	0.0	0.0	58.5	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	22.0
154	1612.53	740.31	99.73	0 N		A	-40.5	10.0	0.0	0.0	0.0	58.5	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-88.8
154	1612.53	740.31	99.73	0 E		A	-40.5	10.0	0.0	0.0	0.0	58.5	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-88.8



Receiver  
 Name: R02G  
 ID: R02G  
 X: 1403.84 m  
 Y: 625.75 m  
 Z: 104.78 m

Point Source, ISO 9613, Name: "ReadyMix Cement Truck - Unloading", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
4	1657.79	723.28	101.11	0	D	A	116.5	0.0	0.0	0.0	0.0	59.7	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	55.1
4	1657.79	723.28	101.11	0	N	A	116.5	0.0	-188.0	0.0	0.0	59.7	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-132.9
4	1657.79	723.28	101.11	0	E	A	116.5	0.0	-188.0	0.0	0.0	59.7	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-132.9

Point Source, ISO 9613, Name: "ReadyMix Truck - Loading", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
15	1639.52	697.18	101.08	0	D	A	110.9	0.0	0.0	0.0	0.0	58.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.2
15	1639.52	697.18	101.08	0	N	A	110.9	0.0	-188.0	0.0	0.0	58.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-137.8
15	1639.52	697.18	101.08	0	E	A	110.9	0.0	-188.0	0.0	0.0	58.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-137.8

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
17	1653.40	678.79	101.05	0	D	A	110.9	0.0	0.0	0.0	0.0	59.1	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	49.9
17	1653.40	678.79	101.05	0	N	A	110.9	0.0	-188.0	0.0	0.0	59.1	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-138.1
17	1653.40	678.79	101.05	0	E	A	110.9	0.0	-188.0	0.0	0.0	59.1	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-138.1

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
19	1659.15	682.12	101.06	0	D	A	110.9	0.0	0.0	0.0	0.0	59.3	1.9	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	49.8
19	1659.15	682.12	101.06	0	N	A	110.9	0.0	-188.0	0.0	0.0	59.3	1.9	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-138.2
19	1659.15	682.12	101.06	0	E	A	110.9	0.0	-188.0	0.0	0.0	59.3	1.9	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-138.2

Point Source, ISO 9613, Name: "ReadyMix Loader", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
21	1671.55	705.01	101.09	0	D	A	100.8	0.0	-3.0	0.0	0.0	59.9	1.2	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	37.7
21	1671.55	705.01	101.09	0	N	A	100.8	0.0	-188.0	0.0	0.0	59.9	1.2	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	-147.3
21	1671.55	705.01	101.09	0	E	A	100.8	0.0	-188.0	0.0	0.0	59.9	1.2	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	-147.3

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
23	1618.46	707.36	99.71	0	D	A	70.3	17.6	0.0	0.0	0.0	58.2	1.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	28.6
23	1618.46	707.36	99.71	0	N	A	-40.5	17.6	0.0	0.0	0.0	58.2	1.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-82.2
23	1618.46	707.36	99.71	0	E	A	-40.5	17.6	0.0	0.0	0.0	58.2	1.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-82.2
25	1634.45	666.55	99.65	0	D	A	70.3	15.3	0.0	0.0	0.0	58.4	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	26.2
25	1634.45	666.55	99.65	0	N	A	-40.5	15.3	0.0	0.0	0.0	58.4	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-84.6
25	1634.45	666.55	99.65	0	E	A	-40.5	15.3	0.0	0.0	0.0	58.4	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-84.6
27	1618.52	717.94	99.70	0	D	A	70.3	14.5	0.0	0.0	0.0	58.4	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	25.4
27	1618.52	717.94	99.70	0	N	A	-40.5	14.5	0.0	0.0	0.0	58.4	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-85.4
27	1618.52	717.94	99.70	0	E	A	-40.5	14.5	0.0	0.0	0.0	58.4	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-85.4
29	1636.79	666.58	99.64	0	D	A	70.3	13.5	0.0	0.0	0.0	58.5	1.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	24.2
29	1636.79	666.58	99.64	0	N	A	-40.5	13.5	0.0	0.0	0.0	58.5	1.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-86.6
29	1636.79	666.58	99.64	0	E	A	-40.5	13.5	0.0	0.0	0.0	58.5	1.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-86.6
31	1598.12	752.34	99.77	0	D	A	70.3	12.0	0.0	0.0	0.0	58.3	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	23.0
31	1598.12	752.34	99.77	0	N	A	-40.5	12.0	0.0	0.0	0.0	58.3	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-87.8
31	1598.12	752.34	99.77	0	E	A	-40.5	12.0	0.0	0.0	0.0	58.3	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-87.8
33	1628.96	693.86	99.68	0	D	A	70.3	12.1	0.0	0.0	0.0	58.4	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	23.0
33	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	58.4	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-87.8
33	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	58.4	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-87.8
35	1653.73	671.04	99.64	0	D	A	70.3	13.1	0.0	0.0	0.0	59.1	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	23.4

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
35	1653.73	671.04	99.64	0	N	A	-40.5	13.1	0.0	0.0	0.0	59.1	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-87.4
35	1653.73	671.04	99.64	0	E	A	-40.5	13.1	0.0	0.0	0.0	59.1	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-87.4
44	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	58.2	1.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	23.2
44	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	58.2	1.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-87.6
44	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	58.2	1.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-87.6
46	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	58.4	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	22.9
46	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	58.4	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-87.9
46	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	58.4	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-87.9
48	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	58.6	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	22.7
48	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	58.6	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-88.0
48	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	58.6	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-88.0
50	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	58.2	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	22.2
50	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	58.2	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-88.5
50	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	58.2	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-88.5
60	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	59.1	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	22.1
60	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	59.1	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-88.7
60	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	59.1	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-88.7
62	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	58.2	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	21.8
62	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	58.2	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-89.0
62	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	58.2	1.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-89.0
63	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	58.9	1.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	21.6
63	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	58.9	1.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	-89.1
63	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	58.9	1.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	-89.1
64	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	58.7	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	21.1
64	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	58.7	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-89.7
64	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	58.7	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	-89.7
65	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	58.9	1.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	21.2
65	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	58.9	1.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-89.6
65	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	58.9	1.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-89.6
66	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	58.5	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	20.9
66	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	58.5	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-89.8
66	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	58.5	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-89.8
67	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	58.5	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	20.7
67	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	58.5	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-90.1
67	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	58.5	1.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-90.1



Receiver  
 Name: R03W  
 ID: R03W  
 X: 1366.05 m  
 Y: 617.30 m  
 Z: 108.72 m

Point Source, ISO 9613, Name: "ReadyMix Cement Truck - Unloading", ID: "D05_ "																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5	1657.79	723.28	101.11	0 D		A	116.5	0.0	0.0	0.0	0.0	60.8	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	55.5
5	1657.79	723.28	101.11	0 N		A	116.5	0.0	-188.0	0.0	0.0	60.8	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-132.5
5	1657.79	723.28	101.11	0 E		A	116.5	0.0	-188.0	0.0	0.0	60.8	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-132.5

Point Source, ISO 9613, Name: "ReadyMix Truck - Loading", ID: "D05_ "																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
18	1639.52	697.18	101.08	0 D		A	110.9	0.0	0.0	0.0	0.0	60.1	2.1	-1.0	0.0	0.0	0.0	0.0	0.0	49.7
18	1639.52	697.18	101.08	0 N		A	110.9	0.0	-188.0	0.0	0.0	60.1	2.1	-1.0	0.0	0.0	0.0	0.0	0.0	-138.3
18	1639.52	697.18	101.08	0 E		A	110.9	0.0	-188.0	0.0	0.0	60.1	2.1	-1.0	0.0	0.0	0.0	0.0	0.0	-138.3

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_ "																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
20	1653.40	678.79	101.05	0 D		A	110.9	0.0	0.0	0.0	0.0	60.4	2.1	-1.2	0.0	0.0	0.0	0.0	0.0	49.5
20	1653.40	678.79	101.05	0 N		A	110.9	0.0	-188.0	0.0	0.0	60.4	2.1	-1.2	0.0	0.0	0.0	0.0	0.0	-138.5
20	1653.40	678.79	101.05	0 E		A	110.9	0.0	-188.0	0.0	0.0	60.4	2.1	-1.2	0.0	0.0	0.0	0.0	0.0	-138.5

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_ "																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
22	1659.15	682.12	101.06	0 D		A	110.9	0.0	0.0	0.0	0.0	60.6	2.2	-1.3	0.0	0.0	0.0	0.0	0.0	49.5
22	1659.15	682.12	101.06	0 N		A	110.9	0.0	-188.0	0.0	0.0	60.6	2.2	-1.3	0.0	0.0	0.0	0.0	0.0	-138.5
22	1659.15	682.12	101.06	0 E		A	110.9	0.0	-188.0	0.0	0.0	60.6	2.2	-1.3	0.0	0.0	0.0	0.0	0.0	-138.5

Point Source, ISO 9613, Name: "ReadyMix Loader", ID: "D05_ "																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
24	1671.55	705.01	101.09	0 D		A	100.8	0.0	-3.0	0.0	0.0	61.0	1.4	-1.8	0.0	0.0	0.0	0.0	0.0	37.2
24	1671.55	705.01	101.09	0 N		A	100.8	0.0	-188.0	0.0	0.0	61.0	1.4	-1.8	0.0	0.0	0.0	0.0	0.0	-147.8
24	1671.55	705.01	101.09	0 E		A	100.8	0.0	-188.0	0.0	0.0	61.0	1.4	-1.8	0.0	0.0	0.0	0.0	0.0	-147.8

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_ "																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
26	1618.46	707.36	99.71	0 D		A	70.3	17.6	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	28.4
26	1618.46	707.36	99.71	0 N		A	-40.5	17.6	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-82.4
26	1618.46	707.36	99.71	0 E		A	-40.5	17.6	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-82.4
28	1634.45	666.55	99.65	0 D		A	70.3	15.3	0.0	0.0	0.0	59.7	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	26.1
28	1634.45	666.55	99.65	0 N		A	-40.5	15.3	0.0	0.0	0.0	59.7	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-84.7
28	1634.45	666.55	99.65	0 E		A	-40.5	15.3	0.0	0.0	0.0	59.7	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-84.7
30	1618.52	717.94	99.70	0 D		A	70.3	14.5	0.0	0.0	0.0	59.7	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	25.3
30	1618.52	717.94	99.70	0 N		A	-40.5	14.5	0.0	0.0	0.0	59.7	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-85.5
30	1618.52	717.94	99.70	0 E		A	-40.5	14.5	0.0	0.0	0.0	59.7	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-85.5
32	1636.79	666.58	99.64	0 D		A	70.3	13.5	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	24.0
32	1636.79	666.58	99.64	0 N		A	-40.5	13.5	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-86.8
32	1636.79	666.58	99.64	0 E		A	-40.5	13.5	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-86.8
34	1653.73	671.04	99.64	0 D		A	70.3	13.1	0.0	0.0	0.0	60.3	1.4	-1.8	0.0	0.0	0.0	0.0	0.0	23.4
34	1653.73	671.04	99.64	0 N		A	-40.5	13.1	0.0	0.0	0.0	60.3	1.4	-1.8	0.0	0.0	0.0	0.0	0.0	-87.4
34	1653.73	671.04	99.64	0 E		A	-40.5	13.1	0.0	0.0	0.0	60.3	1.4	-1.8	0.0	0.0	0.0	0.0	0.0	-87.4
36	1598.12	752.34	99.77	0 D		A	70.3	12.0	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	22.8
36	1598.12	752.34	99.77	0 N		A	-40.5	12.0	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-87.9
36	1598.12</																			

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
38	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-88.1
38	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-88.1
47	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	23.0
47	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-87.8
47	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	59.6	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-87.8
49	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	59.8	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	22.7
49	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	59.8	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-88.1
49	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	59.8	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-88.1
51	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	59.9	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	22.7
51	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	59.9	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-88.1
51	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	59.9	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-88.1
61	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	59.5	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	22.1
61	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	59.5	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-88.7
61	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	59.5	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-88.7
72	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	60.3	1.4	-1.5	0.0	0.0	0.0	0.0	0.0	21.9
72	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	60.3	1.4	-1.5	0.0	0.0	0.0	0.0	0.0	-88.9
72	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	60.3	1.4	-1.5	0.0	0.0	0.0	0.0	0.0	-88.9
86	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	59.5	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	21.6
86	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	59.5	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-89.2
86	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	59.5	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-89.2
96	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	60.2	1.4	-2.1	0.0	0.0	0.0	0.0	0.0	21.7
96	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	60.2	1.4	-2.1	0.0	0.0	0.0	0.0	0.0	-89.1
96	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	60.2	1.4	-2.1	0.0	0.0	0.0	0.0	0.0	-89.1
110	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	59.9	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	21.0
110	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	59.9	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-89.8
110	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	59.9	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-89.8
119	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	60.2	1.4	-2.0	0.0	0.0	0.0	0.0	0.0	21.2
119	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	60.2	1.4	-2.0	0.0	0.0	0.0	0.0	0.0	-89.6
119	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	60.2	1.4	-2.0	0.0	0.0	0.0	0.0	0.0	-89.6
142	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	59.8	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	20.8
142	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	59.8	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-90.0
142	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	59.8	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	-90.0
143	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	20.5
143	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-90.3
143	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	59.8	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	-90.3

Receiver  
 Name: R03G  
 ID: R03G  
 X: 1368.45 m  
 Y: 612.29 m  
 Z: 105.40 m

Point Source, ISO 9613, Name: "ReadyMix Cement Truck - Unloading", ID: "D05_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
68	1657.79	723.28	101.11	0	D	A	116.5	0.0	0.0	0.0	0.0	60.8	1.6	0.3	0.0	0.0	0.0	0.0	0.0	53.8
68	1657.79	723.28	101.11	0	N	A	116.5	0.0	-188.0	0.0	0.0	60.8	1.6	0.3	0.0	0.0	0.0	0.0	0.0	-134.2
68	1657.79	723.28	101.11	0	E	A	116.5	0.0	-188.0	0.0	0.0	60.8	1.6	0.3	0.0	0.0	0.0	0.0	0.0	-134.2

Point Source, ISO 9613, Name: "ReadyMix Truck - Loading", ID: "D05_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
74	1639.52	697.18	101.08	0	D	A	110.9	0.0	0.0	0.0	0.0	60.1	2.1	0.1	0.0	0.0	0.0	0.0	0.0	48.7
74	1639.52	697.18	101.08	0	N	A	110.9	0.0	-188.0	0.0	0.0	60.1	2.1	0.1	0.0	0.0	0.0	0.0	0.0	-139.3
74	1639.52	697.18	101.08	0	E	A	110.9	0.0	-188.0	0.0	0.0	60.1	2.1	0.1	0.0	0.0	0.0	0.0	0.0	-139.3

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
75	1653.40	678.79	101.05	0	D	A	110.9	0.0	0.0	0.0	0.0	60.3	2.1	-0.2	0.0	0.0	0.0	0.0	0.0	48.6
75	1653.40	678.79	101.05	0	N	A	110.9	0.0	-188.0	0.0	0.0	60.3	2.1	-0.2	0.0	0.0	0.0	0.0	0.0	-139.4
75	1653.40	678.79	101.05	0	E	A	110.9	0.0	-188.0	0.0	0.0	60.3	2.1	-0.2	0.0	0.0	0.0	0.0	0.0	-139.4

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
109	1659.15	682.12	101.06	0	D	A	110.9	0.0	0.0	0.0	0.0	60.5	2.2	-0.2	0.0	0.0	0.0	0.0	0.0	48.4
109	1659.15	682.12	101.06	0	N	A	110.9	0.0	-188.0	0.0	0.0	60.5	2.2	-0.2	0.0	0.0	0.0	0.0	0.0	-139.6
109	1659.15	682.12	101.06	0	E	A	110.9	0.0	-188.0	0.0	0.0	60.5	2.2	-0.2	0.0	0.0	0.0	0.0	0.0	-139.6

Point Source, ISO 9613, Name: "ReadyMix Loader", ID: "D05_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
139	1671.55	705.01	101.09	0	D	A	100.8	0.0	-3.0	0.0	0.0	61.0	1.4	-1.0	0.0	0.0	0.0	0.0	0.0	36.5
139	1671.55	705.01	101.09	0	N	A	100.8	0.0	-188.0	0.0	0.0	61.0	1.4	-1.0	0.0	0.0	0.0	0.0	0.0	-148.5
139	1671.55	705.01	101.09	0	E	A	100.8	0.0	-188.0	0.0	0.0	61.0	1.4	-1.0	0.0	0.0	0.0	0.0	0.0	-148.5

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
148	1618.46	707.36	99.71	0	D	A	70.3	17.6	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	27.1
148	1618.46	707.36	99.71	0	N	A	-40.5	17.6	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-83.7
148	1618.46	707.36	99.71	0	E	A	-40.5	17.6	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-83.7
161	1634.45	666.55	99.65	0	D	A	70.3	15.3	0.0	0.0	0.0	59.7	1.3	-0.3	0.0	0.0	0.0	0.0	0.0	24.9
161	1634.45	666.55	99.65	0	N	A	-40.5	15.3	0.0	0.0	0.0	59.7	1.3	-0.3	0.0	0.0	0.0	0.0	0.0	-85.9
161	1634.45	666.55	99.65	0	E	A	-40.5	15.3	0.0	0.0	0.0	59.7	1.3	-0.3	0.0	0.0	0.0	0.0	0.0	-85.9
168	1618.52	717.94	99.70	0	D	A	70.3	14.5	0.0	0.0	0.0	59.7	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	23.9
168	1618.52	717.94	99.70	0	N	A	-40.5	14.5	0.0	0.0	0.0	59.7	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-86.9
168	1618.52	717.94	99.70	0	E	A	-40.5	14.5	0.0	0.0	0.0	59.7	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-86.9
170	1636.79	666.58	99.64	0	D	A	70.3	13.5	0.0	0.0	0.0	59.7	1.3	-0.3	0.0	0.0	0.0	0.0	0.0	23.0
170	1636.79	666.58	99.64	0	N	A	-40.5	13.5	0.0	0.0	0.0	59.7	1.3	-0.3	0.0	0.0	0.0	0.0	0.0	-87.8
170	1636.79	666.58	99.64	0	E	A	-40.5	13.5	0.0	0.0	0.0	59.7	1.3	-0.3	0.0	0.0	0.0	0.0	0.0	-87.8
172	1653.73	671.04	99.64	0	D	A	70.3	13.1	0.0	0.0	0.0	60.3	1.4	-0.6	0.0	0.0	0.0	0.0	0.0	22.3
172	1653.73	671.04	99.64	0	N	A	-40.5	13.1	0.0	0.0	0.0	60.3	1.4	-0.6	0.0	0.0	0.0	0.0	0.0	-88.5
172	1653.73	671.04	99.64	0	E	A	-40.5	13.1	0.0	0.0	0.0	60.3	1.4	-0.6	0.0	0.0	0.0	0.0	0.0	-88.5
174	1598.12	752.34	99.77	0	D	A	70.3	12.0	0.0	0.0	0.0	59.6	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	21.5
174	1598.12	752.34	99.77	0	N	A	-40.5	12.0	0.0	0.0	0.0	59.6	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.3
174	1598.12	752.34	99.77	0	E	A	-40.5	12.0	0.0	0.0	0.0	59.6	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.3
182	1628.96	693.86	99.68	0	D	A	70.3	12.1	0.0	0.0	0.0	59.7	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	21.4

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
182	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	59.7	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.4
182	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	59.7	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.4
191	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	21.7
191	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.1
191	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.1
200	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	59.7	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	21.4
200	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	59.7	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-89.4
200	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	59.7	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-89.4
210	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	59.9	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	21.2
210	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	59.9	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.6
210	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	59.9	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-89.6
212	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	20.7
212	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-90.1
212	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-90.1
220	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	60.3	1.4	-0.3	0.0	0.0	0.0	0.0	0.0	20.8
220	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	60.3	1.4	-0.3	0.0	0.0	0.0	0.0	0.0	-90.0
220	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	60.3	1.4	-0.3	0.0	0.0	0.0	0.0	0.0	-90.0
222	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	20.3
222	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-90.5
222	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	59.5	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-90.5
238	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	60.1	1.4	-0.8	0.0	0.0	0.0	0.0	0.0	20.5
238	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	60.1	1.4	-0.8	0.0	0.0	0.0	0.0	0.0	-90.3
238	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	60.1	1.4	-0.8	0.0	0.0	0.0	0.0	0.0	-90.3
240	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	59.9	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	19.7
240	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	59.9	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-91.1
240	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	59.9	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-91.1
246	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	60.1	1.4	-0.8	0.0	0.0	0.0	0.0	0.0	20.0
246	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	60.1	1.4	-0.8	0.0	0.0	0.0	0.0	0.0	-90.8
246	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	60.1	1.4	-0.8	0.0	0.0	0.0	0.0	0.0	-90.8
251	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	59.8	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	19.5
251	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	59.8	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-91.3
251	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	59.8	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	-91.3
253	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	59.8	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	19.2
253	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	59.8	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-91.6
253	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	59.8	1.3	-0.1	0.0	0.0	0.0	0.0	0.0	-91.6







Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
97	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-90.5
97	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-90.5
111	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	61.7	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	20.5
111	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	61.7	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	-90.2
111	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	61.7	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	-90.2
120	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	61.9	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	20.3
120	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	61.9	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	-90.5
120	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	61.9	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	-90.5
121	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	61.9	1.6	-1.6	0.0	0.0	0.0	0.0	0.0	20.3
121	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	61.9	1.6	-1.6	0.0	0.0	0.0	0.0	0.0	-90.5
121	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	61.9	1.6	-1.6	0.0	0.0	0.0	0.0	0.0	-90.5
122	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	61.6	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	19.7
122	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	61.6	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-91.1
122	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	61.6	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-91.1
123	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	62.3	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	19.7
123	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	62.3	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-91.1
123	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	62.3	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-91.1
124	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	61.7	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	19.1
124	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	61.7	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-91.7
124	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	61.7	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-91.7
125	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	62.2	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	19.4
125	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	62.2	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	-91.4
125	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	62.2	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	-91.4
126	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	18.5
126	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-92.3
126	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-92.3
127	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	62.2	1.7	-2.0	0.0	0.0	0.0	0.0	0.0	18.9
127	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.2	1.7	-2.0	0.0	0.0	0.0	0.0	0.0	-91.9
127	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.2	1.7	-2.0	0.0	0.0	0.0	0.0	0.0	-91.9
128	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	61.8	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	18.5
128	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	61.8	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	-92.3
128	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	61.8	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	-92.3
129	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	61.9	1.6	-1.3	0.0	0.0	0.0	0.0	0.0	18.0
129	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	61.9	1.6	-1.3	0.0	0.0	0.0	0.0	0.0	-92.8
129	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	61.9	1.6	-1.3	0.0	0.0	0.0	0.0	0.0	-92.8



Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
116	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	61.9	1.6	-0.0	0.0	0.0	0.0	0.0	0.0	-92.0
116	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	61.9	1.6	-0.0	0.0	0.0	0.0	0.0	0.0	-92.0
118	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	61.7	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	19.1
118	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	61.7	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-91.7
118	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	61.7	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-91.7
141	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	61.9	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	18.8
141	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	61.9	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-92.0
141	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	61.9	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-92.0
155	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	62.0	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	18.8
155	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.0	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-92.0
155	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.0	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-92.0
163	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	61.7	1.6	-0.0	0.0	0.0	0.0	0.0	0.0	18.2
163	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	61.7	1.6	-0.0	0.0	0.0	0.0	0.0	0.0	-92.6
163	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	61.7	1.6	-0.0	0.0	0.0	0.0	0.0	0.0	-92.6
177	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	62.3	1.7	-0.4	0.0	0.0	0.0	0.0	0.0	18.5
177	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	62.3	1.7	-0.4	0.0	0.0	0.0	0.0	0.0	-92.3
177	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	62.3	1.7	-0.4	0.0	0.0	0.0	0.0	0.0	-92.3
185	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	61.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	17.6
185	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	61.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	-93.2
185	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	61.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	-93.2
194	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	62.2	1.7	-0.9	0.0	0.0	0.0	0.0	0.0	18.1
194	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	62.2	1.7	-0.9	0.0	0.0	0.0	0.0	0.0	-92.7
194	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	62.2	1.7	-0.9	0.0	0.0	0.0	0.0	0.0	-92.7
196	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	62.0	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	17.0
196	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.0	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	-93.7
196	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.0	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	-93.7
198	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	62.2	1.7	-0.8	0.0	0.0	0.0	0.0	0.0	17.6
198	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.2	1.7	-0.8	0.0	0.0	0.0	0.0	0.0	-93.2
198	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.2	1.7	-0.8	0.0	0.0	0.0	0.0	0.0	-93.2
208	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	61.9	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	16.9
208	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	61.9	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-93.9
208	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	61.9	1.6	-0.1	0.0	0.0	0.0	0.0	0.0	-93.9
243	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	61.9	1.6	0.1	0.0	0.0	0.0	0.0	0.0	16.6
243	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	61.9	1.6	0.1	0.0	0.0	0.0	0.0	0.0	-94.2
243	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	61.9	1.6	0.1	0.0	0.0	0.0	0.0	0.0	-94.2



Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
146	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.2	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	-90.9
146	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.2	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	-90.9
159	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	62.0	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	20.2
159	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.0	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-90.6
159	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.0	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-90.6
167	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	62.2	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	19.9
167	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	62.2	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-90.9
167	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	62.2	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-90.9
176	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	62.2	1.7	-1.6	0.0	0.0	0.0	0.0	0.0	20.0
176	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.2	1.7	-1.6	0.0	0.0	0.0	0.0	0.0	-90.8
176	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.2	1.7	-1.6	0.0	0.0	0.0	0.0	0.0	-90.8
184	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	19.4
184	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-91.4
184	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	61.9	1.6	-1.4	0.0	0.0	0.0	0.0	0.0	-91.4
193	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	62.6	1.8	-1.4	0.0	0.0	0.0	0.0	0.0	19.2
193	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	62.6	1.8	-1.4	0.0	0.0	0.0	0.0	0.0	-91.6
193	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	62.6	1.8	-1.4	0.0	0.0	0.0	0.0	0.0	-91.6
202	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	62.0	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	18.7
202	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	62.0	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	-92.1
202	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	62.0	1.7	-1.3	0.0	0.0	0.0	0.0	0.0	-92.1
225	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	62.5	1.7	-1.8	0.0	0.0	0.0	0.0	0.0	18.7
225	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	62.5	1.7	-1.8	0.0	0.0	0.0	0.0	0.0	-92.1
225	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	62.5	1.7	-1.8	0.0	0.0	0.0	0.0	0.0	-92.1
241	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	62.2	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	18.4
241	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.2	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-92.4
241	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.2	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-92.4
247	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	62.1	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	18.2
247	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	62.1	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-92.6
247	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	62.1	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-92.6
249	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	62.5	1.7	-1.7	0.0	0.0	0.0	0.0	0.0	18.2
249	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.5	1.7	-1.7	0.0	0.0	0.0	0.0	0.0	-92.6
249	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.5	1.7	-1.7	0.0	0.0	0.0	0.0	0.0	-92.6
265	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	62.1	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	18.0
265	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	62.1	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-92.8
265	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	62.1	1.7	-1.5	0.0	0.0	0.0	0.0	0.0	-92.8



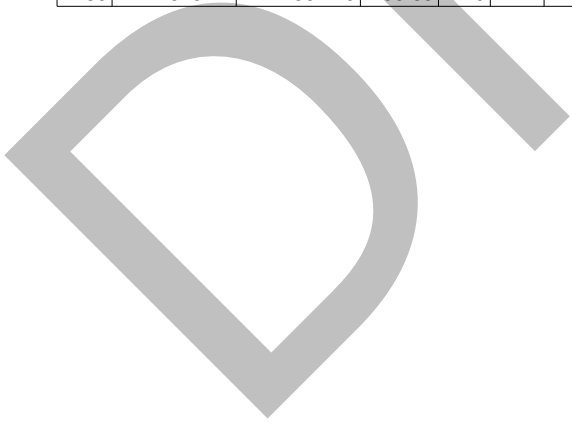
Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
169	1628.96	693.86	99.68	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	-92.4
169	1628.96	693.86	99.68	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	-92.4
171	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	62.1	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	18.6
171	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.1	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	-92.2
171	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.1	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	-92.2
173	1629.67	692.44	99.67	0	D	A	70.3	12.0	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	18.3
173	1629.67	692.44	99.67	0	N	A	-40.5	12.0	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-92.5
173	1629.67	692.44	99.67	0	E	A	-40.5	12.0	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-92.5
181	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	18.4
181	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-92.4
181	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-92.4
190	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	62.0	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	17.8
190	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	62.0	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	-93.0
190	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	62.0	1.7	-0.0	0.0	0.0	0.0	0.0	0.0	-93.0
199	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	62.7	1.8	-0.0	0.0	0.0	0.0	0.0	0.0	17.7
199	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	62.7	1.8	-0.0	0.0	0.0	0.0	0.0	0.0	-93.1
199	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	62.7	1.8	-0.0	0.0	0.0	0.0	0.0	0.0	-93.1
201	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	62.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0	17.1
201	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	62.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0	-93.7
201	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	62.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0	-93.7
211	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	62.6	1.8	-0.4	0.0	0.0	0.0	0.0	0.0	17.2
211	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	62.6	1.8	-0.4	0.0	0.0	0.0	0.0	0.0	-93.6
211	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	62.6	1.8	-0.4	0.0	0.0	0.0	0.0	0.0	-93.6
213	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	16.8
213	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-94.0
213	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.3	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-94.0
221	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	62.6	1.8	-0.3	0.0	0.0	0.0	0.0	0.0	16.7
221	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	62.6	1.8	-0.3	0.0	0.0	0.0	0.0	0.0	-94.1
221	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	62.6	1.8	-0.3	0.0	0.0	0.0	0.0	0.0	-94.1
223	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	62.2	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	16.6
223	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	62.2	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-94.2
223	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	62.2	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-94.2
239	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	62.2	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	16.4
239	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	62.2	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-94.4
239	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	62.2	1.7	-0.1	0.0	0.0	0.0	0.0	0.0	-94.4





Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
258	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	57.5	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	-86.6
258	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	57.5	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	-86.6
266	1624.55	692.94	99.68	0	D	A	70.3	8.6	0.0	0.0	0.0	58.3	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	19.7
266	1624.55	692.94	99.68	0	N	A	-40.5	8.6	0.0	0.0	0.0	58.3	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	-91.0
266	1624.55	692.94	99.68	0	E	A	-40.5	8.6	0.0	0.0	0.0	58.3	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	-91.0
268	1632.50	694.60	99.67	0	D	A	70.3	9.5	0.0	0.0	0.0	58.6	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	20.5
268	1632.50	694.60	99.67	0	N	A	-40.5	9.5	0.0	0.0	0.0	58.6	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	-90.3
268	1632.50	694.60	99.67	0	E	A	-40.5	9.5	0.0	0.0	0.0	58.6	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	-90.3
270	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	58.5	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	23.0
270	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	58.5	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	-87.8
270	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	58.5	1.2	-0.3	0.0	0.0	0.0	0.0	0.0	-87.8
271	1653.73	671.04	99.64	0	D	A	70.3	13.1	0.0	0.0	0.0	59.5	1.3	-0.6	0.0	0.0	0.0	0.0	0.0	23.1
271	1653.73	671.04	99.64	0	N	A	-40.5	13.1	0.0	0.0	0.0	59.5	1.3	-0.6	0.0	0.0	0.0	0.0	0.0	-87.7
271	1653.73	671.04	99.64	0	E	A	-40.5	13.1	0.0	0.0	0.0	59.5	1.3	-0.6	0.0	0.0	0.0	0.0	0.0	-87.7
272	1633.70	694.16	99.67	0	D	A	70.3	8.4	0.0	0.0	0.0	58.6	1.2	-0.5	0.0	0.0	0.0	0.0	0.0	19.4
272	1633.70	694.16	99.67	0	N	A	-40.5	8.4	0.0	0.0	0.0	58.6	1.2	-0.5	0.0	0.0	0.0	0.0	0.0	-91.4
272	1633.70	694.16	99.67	0	E	A	-40.5	8.4	0.0	0.0	0.0	58.6	1.2	-0.5	0.0	0.0	0.0	0.0	0.0	-91.4
273	1626.46	691.07	99.67	0	D	A	70.3	9.4	0.0	0.0	0.0	58.4	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	20.5
273	1626.46	691.07	99.67	0	N	A	-40.5	9.4	0.0	0.0	0.0	58.4	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	-90.3
273	1626.46	691.07	99.67	0	E	A	-40.5	9.4	0.0	0.0	0.0	58.4	1.2	-0.4	0.0	0.0	0.0	0.0	0.0	-90.3
274	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	57.2	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	22.9
274	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	57.2	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-87.9
274	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	57.2	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-87.9
275	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	57.1	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	22.7
275	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	57.1	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-88.1
275	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	57.1	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-88.1
276	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	58.1	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	22.1
276	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	58.1	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	-88.7
276	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	58.1	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	-88.7
277	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	57.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	22.2
277	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	57.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-88.6
277	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	57.3	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	-88.6
278	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	59.5	1.3	-0.4	0.0	0.0	0.0	0.0	0.0	21.8
278	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	59.5	1.3	-0.4	0.0	0.0	0.0	0.0	0.0	-89.0
278	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	59.5	1.3	-0.4	0.0	0.0	0.0	0.0	0.0	-89.0
279	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	59.6	1.3	-0.4	0.0	0.0	0.0	0.0	0.0	20.6
279	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	59.6	1.3	-0.4	0.0	0.0	0.0	0.0	0.0	-90.2
279	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	59.6	1.3	-0.4	0.0	0.0	0.0	0.0	0.0	-90.2
280	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	59.5	1.3	-0.5	0.0	0.0	0.0	0.0	0.0	20.5
280	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	59.5	1.3	-0.5	0.0	0.0	0.0	0.0	0.0	-90.3
280	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	59.5	1.3	-0.5	0.0	0.0	0.0	0.0	0.0	-90.3



Receiver  
 Name: R06G  
 ID: R06W  
 X: 1398.27 m  
 Y: 771.84 m  
 Z: 108.44 m

Point Source, ISO 9613, Name: "ReadyMix Cement Truck - Unloading", ID: "D05_ "																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
178	1657.79	723.28	101.11	0	D	A	116.5	0.0	0.0	0.0	0.0	59.4	1.4	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	57.2
178	1657.79	723.28	101.11	0	N	A	116.5	0.0	-188.0	0.0	0.0	59.4	1.4	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-130.8
178	1657.79	723.28	101.11	0	E	A	116.5	0.0	-188.0	0.0	0.0	59.4	1.4	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-130.8

Point Source, ISO 9613, Name: "ReadyMix Truck - Loading", ID: "D05_ "																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
186	1639.52	697.18	101.08	0	D	A	110.9	0.0	0.0	0.0	0.0	59.1	1.9	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	51.2
186	1639.52	697.18	101.08	0	N	A	110.9	0.0	-188.0	0.0	0.0	59.1	1.9	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	-136.8
186	1639.52	697.18	101.08	0	E	A	110.9	0.0	-188.0	0.0	0.0	59.1	1.9	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	-136.8

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_ "																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
188	1653.40	678.79	101.05	0	D	A	110.9	0.0	0.0	0.0	0.0	59.7	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	50.7
188	1653.40	678.79	101.05	0	N	A	110.9	0.0	-188.0	0.0	0.0	59.7	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-137.3
188	1653.40	678.79	101.05	0	E	A	110.9	0.0	-188.0	0.0	0.0	59.7	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-137.3

Point Source, ISO 9613, Name: "ReadyMix Truck - Slumping", ID: "D05_ "																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
203	1659.15	682.12	101.06	0	D	A	110.9	0.0	0.0	0.0	0.0	59.8	2.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	50.6
203	1659.15	682.12	101.06	0	N	A	110.9	0.0	-188.0	0.0	0.0	59.8	2.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-137.4
203	1659.15	682.12	101.06	0	E	A	110.9	0.0	-188.0	0.0	0.0	59.8	2.0	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	-137.4

Point Source, ISO 9613, Name: "ReadyMix Loader", ID: "D05_ "																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
204	1671.55	705.01	101.09	0	D	A	100.8	0.0	-3.0	0.0	0.0	60.0	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	38.4
204	1671.55	705.01	101.09	0	N	A	100.8	0.0	-188.0	0.0	0.0	60.0	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	-146.5
204	1671.55	705.01	101.09	0	E	A	100.8	0.0	-188.0	0.0	0.0	60.0	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	-146.5

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05_ "																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
205	1618.46	707.36	99.71	0	D	A	70.3	17.6	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	30.0
205	1618.46	707.36	99.71	0	N	A	-40.5	17.6	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-80.8
205	1618.46	707.36	99.71	0	E	A	-40.5	17.6	0.0	0.0	0.0	58.2	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-80.8
206	1634.45	666.55	99.65	0	D	A	70.3	15.3	0.0	0.0	0.0	59.3	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	26.5
206	1634.45	666.55	99.65	0	N	A	-40.5	15.3	0.0	0.0	0.0	59.3	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-84.3
206	1634.45	666.55	99.65	0	E	A	-40.5	15.3	0.0	0.0	0.0	59.3	1.3	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-84.3
215	1618.52	717.94	99.70	0	D	A	70.3	14.5	0.0	0.0	0.0	58.1	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	27.0
215	1618.52	717.94	99.70	0	N	A	-40.5	14.5	0.0	0.0	0.0	58.1	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-83.8
215	1618.52	717.94	99.70	0	E	A	-40.5	14.5	0.0	0.0	0.0	58.1	1.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-83.8
217	1598.12	752.34	99.77	0	D	A	70.3	12.0	0.0	0.0	0.0	57.1	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	25.7
217	1598.12	752.34	99.77	0	N	A	-40.5	12.0	0.0	0.0	0.0	57.1	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-85.1
217	1598.12	752.34	99.77	0	E	A	-40.5	12.0	0.0	0.0	0.0	57.1	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-85.1
219	1636.79	666.58	99.64	0	D	A	70.3	13.5	0.0	0.0	0.0	59.3	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	24.6
219	1636.79	666.58	99.64	0	N	A	-40.5	13.5	0.0	0.0	0.0	59.3	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-86.2
219	1636.79	666.58	99.64	0	E	A	-40.5	13.5	0.0	0.0	0.0	59.3	1.3	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-86.2
227	1597.24	750.25	99.77	0	D	A	70.3	11.2	0.0	0.0	0.0	57.0	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	24.9
227	1597.24	750.25	99.77	0	N	A	-40.5	11.2	0.0	0.0	0.0	57.0	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-85.9
227	1597.24	750.25	99.77	0	E	A	-40.5	11.2	0.0	0.0	0.0	57.0	1.0	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	-85.9
229	1615.78	739.84	99.73	0	D	A	70.3	12.1	0.0	0.0	0.0	57.8	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	25.1

Line Source, ISO 9613, Name: "Readymix Truck - Driving", ID: "D05\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
229	1615.78	739.84	99.73	0	N	A	-40.5	12.1	0.0	0.0	0.0	57.8	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-85.7
229	1615.78	739.84	99.73	0	E	A	-40.5	12.1	0.0	0.0	0.0	57.8	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-85.7
231	1624.09	692.84	99.68	0	D	A	70.3	8.0	0.0	0.0	0.0	58.6	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	20.1
231	1624.09	692.84	99.68	0	N	A	-40.5	8.0	0.0	0.0	0.0	58.6	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-90.7
231	1624.09	692.84	99.68	0	E	A	-40.5	8.0	0.0	0.0	0.0	58.6	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-90.7
233	1632.03	694.51	99.67	0	D	A	70.3	10.0	0.0	0.0	0.0	58.8	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	21.9
233	1632.03	694.51	99.67	0	N	A	-40.5	10.0	0.0	0.0	0.0	58.8	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	-88.9
233	1632.03	694.51	99.67	0	E	A	-40.5	10.0	0.0	0.0	0.0	58.8	1.2	-1.7	0.0	0.0	0.0	0.0	0.0	-88.9
235	1625.64	681.88	99.66	0	D	A	70.3	12.1	0.0	0.0	0.0	58.8	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	24.0
235	1625.64	681.88	99.66	0	N	A	-40.5	12.1	0.0	0.0	0.0	58.8	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-86.8
235	1625.64	681.88	99.66	0	E	A	-40.5	12.1	0.0	0.0	0.0	58.8	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-86.8
237	1653.73	671.04	99.64	0	D	A	70.3	13.1	0.0	0.0	0.0	59.8	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	24.2
237	1653.73	671.04	99.64	0	N	A	-40.5	13.1	0.0	0.0	0.0	59.8	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	-86.6
237	1653.73	671.04	99.64	0	E	A	-40.5	13.1	0.0	0.0	0.0	59.8	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	-86.6
244	1633.41	694.03	99.67	0	D	A	70.3	8.8	0.0	0.0	0.0	58.9	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	20.7
244	1633.41	694.03	99.67	0	N	A	-40.5	8.8	0.0	0.0	0.0	58.9	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	-90.1
244	1633.41	694.03	99.67	0	E	A	-40.5	8.8	0.0	0.0	0.0	58.9	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	-90.1
252	1626.17	690.95	99.67	0	D	A	70.3	9.1	0.0	0.0	0.0	58.7	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	21.1
252	1626.17	690.95	99.67	0	N	A	-40.5	9.1	0.0	0.0	0.0	58.7	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-89.7
252	1626.17	690.95	99.67	0	E	A	-40.5	9.1	0.0	0.0	0.0	58.7	1.2	-1.6	0.0	0.0	0.0	0.0	0.0	-89.7
254	1610.33	751.10	99.75	0	D	A	70.3	10.5	0.0	0.0	0.0	57.6	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	23.7
254	1610.33	751.10	99.75	0	N	A	-40.5	10.5	0.0	0.0	0.0	57.6	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-87.1
254	1610.33	751.10	99.75	0	E	A	-40.5	10.5	0.0	0.0	0.0	57.6	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-87.1
255	1607.60	748.53	99.74	0	D	A	70.3	10.2	0.0	0.0	0.0	57.5	1.1	-1.6	0.0	0.0	0.0	0.0	0.0	23.5
255	1607.60	748.53	99.74	0	N	A	-40.5	10.2	0.0	0.0	0.0	57.5	1.1	-1.6	0.0	0.0	0.0	0.0	0.0	-87.3
255	1607.60	748.53	99.74	0	E	A	-40.5	10.2	0.0	0.0	0.0	57.5	1.1	-1.6	0.0	0.0	0.0	0.0	0.0	-87.3
260	1620.66	698.13	99.68	0	D	A	70.3	10.7	0.0	0.0	0.0	58.4	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	23.0
260	1620.66	698.13	99.68	0	N	A	-40.5	10.7	0.0	0.0	0.0	58.4	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-87.8
260	1620.66	698.13	99.68	0	E	A	-40.5	10.7	0.0	0.0	0.0	58.4	1.2	-1.5	0.0	0.0	0.0	0.0	0.0	-87.8
261	1612.53	740.31	99.73	0	D	A	70.3	10.0	0.0	0.0	0.0	57.7	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	23.1
261	1612.53	740.31	99.73	0	N	A	-40.5	10.0	0.0	0.0	0.0	57.7	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-87.7
261	1612.53	740.31	99.73	0	E	A	-40.5	10.0	0.0	0.0	0.0	57.7	1.1	-1.7	0.0	0.0	0.0	0.0	0.0	-87.7
262	1652.80	673.34	99.64	0	D	A	70.3	11.9	0.0	0.0	0.0	59.7	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	23.0
262	1652.80	673.34	99.64	0	N	A	-40.5	11.9	0.0	0.0	0.0	59.7	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	-87.8
262	1652.80	673.34	99.64	0	E	A	-40.5	11.9	0.0	0.0	0.0	59.7	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	-87.8
263	1650.45	657.44	99.62	0	D	A	70.3	10.9	0.0	0.0	0.0	59.9	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	21.6
263	1650.45	657.44	99.62	0	N	A	-40.5	10.9	0.0	0.0	0.0	59.9	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-89.2
263	1650.45	657.44	99.62	0	E	A	-40.5	10.9	0.0	0.0	0.0	59.9	1.3	-1.6	0.0	0.0	0.0	0.0	0.0	-89.2
264	1649.12	662.19	99.63	0	D	A	70.3	10.5	0.0	0.0	0.0	59.8	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	21.5
264	1649.12	662.19	99.63	0	N	A	-40.5	10.5	0.0	0.0	0.0	59.8	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	-89.3
264	1649.12	662.19	99.63	0	E	A	-40.5	10.5	0.0	0.0	0.0	59.8	1.3	-1.9	0.0	0.0	0.0	0.0	0.0	-89.3



Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
316	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	61.0	1.7	-1.4	0.0	0.0	0.0	0.0	0.0	-147.3
316	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	61.0	1.7	-1.4	0.0	0.0	0.0	0.0	0.0	-147.3

DRAFT

Receiver  
 Name: R01G  
 ID: R01G  
 X: 1435.77 m  
 Y: 696.76 m  
 Z: 105.12 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
2	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	60.6	2.5	-1.0	0.0	0.0	15.5	0.0	0.0	36.1
2	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	60.6	2.5	-1.0	0.0	0.0	15.5	0.0	0.0	-151.9
2	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	60.6	2.5	-1.0	0.0	0.0	15.5	0.0	0.0	-151.9

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
40	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-7.9	60.4	1.4	1.2	0.0	0.0	10.9	0.0	0.0	27.6
40	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-7.9	60.4	1.4	1.2	0.0	0.0	10.9	0.0	0.0	-160.4
40	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-7.9	60.4	1.4	1.2	0.0	0.0	10.9	0.0	0.0	-160.4

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
4	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	59.8	1.3	-0.2	0.0	0.0	12.9	0.0	0.0	11.5
6	1786.73	587.17	99.54	0	DEN	A	69.5	12.3	0.0	0.0	0.0	62.3	1.7	-1.2	0.0	0.0	14.4	0.0	0.0	4.6
19	1762.44	580.96	99.53	0	DEN	A	69.5	15.2	0.0	0.0	0.0	61.8	1.6	-1.1	0.0	0.0	19.4	0.0	0.0	3.0
52	1742.48	575.63	99.52	0	DEN	A	69.5	9.0	0.0	0.0	0.0	61.4	1.6	-1.1	0.0	0.0	19.3	0.0	0.0	-2.6
61	1737.01	573.92	99.51	0	DEN	A	69.5	5.4	0.0	0.0	0.0	61.2	1.5	-1.1	0.0	0.0	14.2	0.0	0.0	-1.1
63	1732.50	572.51	99.51	0	DEN	A	69.5	7.8	0.0	0.0	0.0	61.2	1.5	-1.0	0.0	0.0	14.1	0.0	0.0	1.5
72	1726.84	570.74	99.51	0	DEN	A	69.5	7.7	0.0	0.0	0.0	61.0	1.5	-0.8	0.0	0.0	13.8	0.0	0.0	1.5
81	1806.27	570.01	99.51	0	DEN	A	69.5	12.4	0.0	0.0	0.0	62.9	1.8	-1.3	0.0	0.0	14.2	0.0	0.0	4.3
90	1798.36	583.38	99.53	0	DEN	A	69.5	11.4	0.0	0.0	0.0	62.6	1.8	-1.3	0.0	0.0	14.4	0.0	0.0	3.4
92	1816.92	532.92	99.48	0	DEN	A	69.5	2.7	0.0	0.0	0.0	63.4	1.9	-0.3	0.0	0.0	12.8	0.0	0.0	-5.6
102	1816.03	537.16	99.48	0	DEN	A	69.5	8.3	0.0	0.0	0.0	63.3	1.9	-0.6	0.0	0.0	13.1	0.0	0.0	0.1
110	1814.99	542.12	99.49	0	DEN	A	69.5	5.2	0.0	0.0	0.0	63.2	1.9	-0.6	0.0	0.0	13.1	0.0	0.0	-3.0
118	1812.67	553.13	99.50	0	DEN	A	69.5	12.8	0.0	0.0	0.0	63.1	1.9	-1.1	0.0	0.0	13.8	0.0	0.0	4.6
137	1720.59	569.02	99.51	0	DEN	A	69.5	8.5	0.0	0.0	0.0	60.9	1.5	-0.7	0.0	0.0	13.8	0.0	0.0	2.6
145	1714.65	567.56	99.50	0	DEN	A	69.5	7.1	0.0	0.0	0.0	60.8	1.5	-0.7	0.0	0.0	13.7	0.0	0.0	1.3
161	1807.98	521.23	99.67	0	DEN	A	69.5	10.1	0.0	0.0	0.0	63.3	1.9	-1.3	0.0	0.0	13.6	0.0	0.0	2.1
169	1813.00	527.16	99.57	0	DEN	A	69.5	7.3	0.0	0.0	0.0	63.3	1.9	-0.9	0.0	0.0	13.2	0.0	0.0	-0.9
171	1815.91	530.60	99.50	0	DEN	A	69.5	5.7	0.0	0.0	0.0	63.4	1.9	-0.6	0.0	0.0	13.0	0.0	0.0	-2.5
173	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	60.4	1.4	-0.6	0.0	0.0	13.6	0.0	0.0	4.5
181	1799.41	511.68	99.73	0	DEN	A	69.5	11.9	0.0	0.0	0.0	63.2	1.9	-1.3	0.0	0.0	13.4	0.0	0.0	4.1
183	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	60.3	1.4	-0.6	0.0	0.0	13.5	0.0	0.0	3.3
191	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	60.6	1.4	-0.7	0.0	0.0	13.7	0.0	0.0	2.9

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
204	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	59.8	1.1	0.5	0.0	0.0	12.2	0.0	0.0	28.3
204	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	59.8	1.1	0.5	0.0	0.0	12.2	0.0	0.0	-156.7
204	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	59.8	1.1	0.5	0.0	0.0	12.2	0.0	0.0	-156.7

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
206	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	60.9	1.7	-0.0	0.0	0.0	12.7	0.0	0.0	22.0
206	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	60.9	1.7	-0.0	0.0	0.0	12.7	0.0	0.0	-161.2
206	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	60.9	1.7	-0.0	0.0	0.0	12.7	0.0	0.0	-161.2

Receiver  
 Name: R02W  
 ID: R02W  
 X: 1401.05 m  
 Y: 631.43 m  
 Z: 107.96 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))
3	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	61.0	2.7	-2.4	0.0	0.0	7.1	0.0	0.0	45.2
3	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	61.0	2.7	-2.4	0.0	0.0	7.1	0.0	0.0	-142.8
3	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	61.0	2.7	-2.4	0.0	0.0	7.1	0.0	0.0	-142.8

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))
25	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.5	60.9	1.5	-1.4	0.0	0.0	6.1	0.0	0.0	32.7
25	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.5	60.9	1.5	-1.4	0.0	0.0	6.1	0.0	0.0	-155.3
25	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.5	60.9	1.5	-1.4	0.0	0.0	6.1	0.0	0.0	-155.3

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))
7	1677.74	557.09	99.70	0	DEN	A	69.5	13.8	0.0	0.0	0.0	60.1	1.4	-2.7	0.0	0.0	7.5	0.0	0.0	17.0
9	1665.00	553.42	99.91	0	DEN	A	69.5	3.6	0.0	0.0	0.0	59.8	1.3	-2.7	0.0	0.0	7.6	0.0	0.0	7.0
11	1658.03	551.41	100.03	0	DEN	A	69.5	10.9	0.0	0.0	0.0	59.6	1.3	-2.5	0.0	0.0	8.3	0.0	0.0	13.6
21	1787.42	587.35	99.54	0	DEN	A	69.5	11.9	0.0	0.0	0.0	62.8	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	12.0
22	1775.89	584.40	99.53	0	DEN	A	69.5	9.2	0.0	0.0	0.0	62.5	1.8	-3.2	0.0	0.0	8.0	0.0	0.0	9.6
23	1761.63	580.75	99.53	0	DEN	A	69.5	13.2	0.0	0.0	0.0	62.2	1.7	-3.2	0.0	0.0	8.0	0.0	0.0	14.0
24	1748.86	577.48	99.52	0	DEN	A	69.5	7.2	0.0	0.0	0.0	61.9	1.6	-2.9	0.0	0.0	7.7	0.0	0.0	8.3
26	1745.32	576.52	99.52	0	DEN	A	69.5	3.2	0.0	0.0	0.0	61.8	1.6	-3.2	0.0	0.0	7.9	0.0	0.0	4.4
27	1742.78	575.73	99.52	0	DEN	A	69.5	5.1	0.0	0.0	0.0	61.8	1.6	-2.9	0.0	0.0	7.6	0.0	0.0	6.4
28	1739.62	574.74	99.52	0	DEN	A	69.5	5.3	0.0	0.0	0.0	61.7	1.6	-3.1	0.0	0.0	7.9	0.0	0.0	6.6
29	1736.50	573.76	99.51	0	DEN	A	69.5	5.0	0.0	0.0	0.0	61.6	1.6	-3.1	0.0	0.0	7.8	0.0	0.0	6.5
30	1731.93	572.33	99.51	0	DEN	A	69.5	8.1	0.0	0.0	0.0	61.5	1.6	-3.1	0.0	0.0	7.8	0.0	0.0	9.6
31	1726.46	570.62	99.51	0	DEN	A	69.5	7.0	0.0	0.0	0.0	61.4	1.6	-3.0	0.0	0.0	7.8	0.0	0.0	8.8
32	1810.30	563.21	99.51	0	DEN	A	69.5	2.1	0.0	0.0	0.0	63.4	1.9	-3.5	0.0	0.0	8.3	0.0	0.0	1.5
33	1809.31	564.88	99.51	0	DEN	A	69.5	3.6	0.0	0.0	0.0	63.3	1.9	-3.5	0.0	0.0	8.3	0.0	0.0	3.0
34	1807.57	567.81	99.51	0	DEN	A	69.5	6.6	0.0	0.0	0.0	63.3	1.9	-3.5	0.0	0.0	8.2	0.0	0.0	6.1
35	1803.50	574.70	99.52	0	DEN	A	69.5	10.6	0.0	0.0	0.0	63.2	1.9	-3.4	0.0	0.0	8.2	0.0	0.0	10.2
36	1798.27	583.54	99.53	0	DEN	A	69.5	9.6	0.0	0.0	0.0	63.0	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	9.4
42	1795.42	588.36	99.54	0	DEN	A	69.5	3.2	0.0	0.0	0.0	63.0	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	3.1
49	1814.58	544.08	99.49	0	DEN	A	69.5	13.9	0.0	0.0	0.0	63.5	1.9	-2.6	0.0	0.0	7.4	0.0	0.0	13.2
56	1811.64	558.08	99.50	0	DEN	A	69.5	6.0	0.0	0.0	0.0	63.4	1.9	-3.1	0.0	0.0	7.9	0.0	0.0	5.3
65	1811.04	560.95	99.50	0	DEN	A	69.5	2.8	0.0	0.0	0.0	63.4	1.9	-3.1	0.0	0.0	7.9	0.0	0.0	2.2
73	1810.77	562.20	99.50	0	DEN	A	69.5	-1.9	0.0	0.0	0.0	63.4	1.9	-3.2	0.0	0.0	8.0	0.0	0.0	-2.4
89	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	61.2	1.5	-3.0	0.0	0.0	7.7	0.0	0.0	12.8
106	1810.89	524.67	99.61	0	DEN	A	69.5	12.8	0.0	0.0	0.0	63.5	1.9	-3.4	0.0	0.0	8.2	0.0	0.0	12.1
114	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	60.8	1.5	-2.7	0.0	0.0	7.5	0.0	0.0	12.3
117	1797.15	509.26	99.72	0	DEN	A	69.5	9.5	0.0	0.0	0.0	63.4	1.9	-3.6	0.0	0.0	8.4	0.0	0.0	8.9
119	1800.88	513.26	99.73	0	DEN	A	69.5	3.2	0.0	0.0	0.0	63.4	1.9	-3.5	0.0	0.0	8.3	0.0	0.0	2.6
121	1803.14	515.67	99.74	0	DEN	A	69.5	6.5	0.0	0.0	0.0	63.4	1.9	-3.6	0.0	0.0	8.4	0.0	0.0	5.9
132	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	60.5	1.4	-2.6	0.0	0.0	7.4	0.0	0.0	11.1
134	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	61.0	1.5	-2.7	0.0	0.0	7.5	0.0	0.0	10.8

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))
142	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	60.5	1.2	-2.1	0.0	0.0	6.9	0.0	0.0	35.5
142	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	60.5	1.2	-2.1	0.0	0.0	6.9	0.0	0.0	-149.5
142	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	60.5	1.2	-2.1	0.0	0.0	6.9	0.0	0.0	-149.5



Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
150	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	61.3	1.8	-2.1	0.0	0.0	6.9	0.0	0.0	29.5
150	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	61.3	1.8	-2.1	0.0	0.0	6.9	0.0	0.0	-153.8
150	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	61.3	1.8	-2.1	0.0	0.0	6.9	0.0	0.0	-153.8

DRAFT

Receiver  
 Name: R02G  
 ID: R02G  
 X: 1403.84 m  
 Y: 625.75 m  
 Z: 104.78 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
5	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	60.9	2.6	-1.9	0.0	0.0	14.2	0.0	0.0	37.7
5	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	60.9	2.6	-1.9	0.0	0.0	14.2	0.0	0.0	-150.3
5	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	60.9	2.6	-1.9	0.0	0.0	14.2	0.0	0.0	-150.3

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
55	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-7.9	60.8	1.5	0.3	0.0	0.0	9.6	0.0	0.0	29.3
55	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-7.9	60.8	1.5	0.3	0.0	0.0	9.6	0.0	0.0	-158.7
55	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-7.9	60.8	1.5	0.3	0.0	0.0	9.6	0.0	0.0	-158.7

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
13	1686.98	559.76	99.54	0	DEN	A	69.5	7.0	0.0	0.0	0.0	60.3	1.4	-1.9	0.0	0.0	14.4	0.0	0.0	2.2
15	1683.29	558.69	99.60	0	DEN	A	69.5	4.3	0.0	0.0	0.0	60.2	1.4	-2.1	0.0	0.0	18.4	0.0	0.0	-4.1
17	1667.07	554.02	99.88	0	DEN	A	69.5	14.9	0.0	0.0	0.0	59.7	1.3	-2.2	0.0	0.0	19.9	0.0	0.0	5.6
43	1785.42	586.84	99.54	0	DEN	A	69.5	12.9	0.0	0.0	0.0	62.7	1.8	-2.0	0.0	0.0	12.7	0.0	0.0	7.1
45	1764.67	581.53	99.53	0	DEN	A	69.5	13.7	0.0	0.0	0.0	62.2	1.7	-2.0	0.0	0.0	13.2	0.0	0.0	8.1
47	1749.84	577.73	99.52	0	DEN	A	69.5	8.6	0.0	0.0	0.0	61.9	1.6	-2.0	0.0	0.0	13.2	0.0	0.0	3.4
57	1744.40	576.23	99.52	0	DEN	A	69.5	6.0	0.0	0.0	0.0	61.7	1.6	-1.9	0.0	0.0	13.3	0.0	0.0	0.8
58	1741.02	575.18	99.52	0	DEN	A	69.5	4.9	0.0	0.0	0.0	61.7	1.6	-1.9	0.0	0.0	13.3	0.0	0.0	-0.3
59	1737.86	574.19	99.51	0	DEN	A	69.5	5.5	0.0	0.0	0.0	61.6	1.6	-2.2	0.0	0.0	13.6	0.0	0.0	0.3
68	1733.09	572.70	99.51	0	DEN	A	69.5	8.1	0.0	0.0	0.0	61.5	1.6	-2.2	0.0	0.0	13.7	0.0	0.0	3.0
76	1727.02	570.80	99.51	0	DEN	A	69.5	8.0	0.0	0.0	0.0	61.3	1.5	-2.1	0.0	0.0	13.8	0.0	0.0	2.9
85	1810.26	563.27	99.51	0	DEN	A	69.5	2.4	0.0	0.0	0.0	63.3	1.9	-2.4	0.0	0.0	13.2	0.0	0.0	-4.1
87	1809.28	564.93	99.51	0	DEN	A	69.5	3.2	0.0	0.0	0.0	63.3	1.9	-2.1	0.0	0.0	13.0	0.0	0.0	-3.3
95	1808.14	566.86	99.51	0	DEN	A	69.5	3.8	0.0	0.0	0.0	63.2	1.9	-2.1	0.0	0.0	13.0	0.0	0.0	-2.7
97	1806.42	569.76	99.51	0	DEN	A	69.5	6.4	0.0	0.0	0.0	63.2	1.9	-2.1	0.0	0.0	12.9	0.0	0.0	0.1
99	1802.30	576.73	99.52	0	DEN	A	69.5	10.7	0.0	0.0	0.0	63.1	1.8	-2.1	0.0	0.0	13.0	0.0	0.0	4.4
107	1797.09	585.54	99.54	0	DEN	A	69.5	9.4	0.0	0.0	0.0	62.9	1.8	-2.0	0.0	0.0	12.7	0.0	0.0	3.4
136	1814.36	545.11	99.49	0	DEN	A	69.5	14.3	0.0	0.0	0.0	63.4	1.9	-1.9	0.0	0.0	13.2	0.0	0.0	7.2
144	1811.22	560.09	99.50	0	DEN	A	69.5	5.8	0.0	0.0	0.0	63.3	1.9	-2.1	0.0	0.0	13.1	0.0	0.0	-0.8
152	1810.76	562.24	99.50	0	DEN	A	69.5	-2.5	0.0	0.0	0.0	63.3	1.9	-2.2	0.0	0.0	13.1	0.0	0.0	-9.1
154	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	61.1	1.5	-2.1	0.0	0.0	14.0	0.0	0.0	5.9
162	1808.63	521.99	99.66	0	DEN	A	69.5	10.9	0.0	0.0	0.0	63.4	1.9	-2.7	0.0	0.0	18.8	0.0	0.0	-1.1
170	1813.28	527.49	99.56	0	DEN	A	69.5	3.4	0.0	0.0	0.0	63.5	1.9	-2.1	0.0	0.0	13.6	0.0	0.0	-4.1
172	1815.55	530.17	99.51	0	DEN	A	69.5	6.8	0.0	0.0	0.0	63.5	1.9	-1.8	0.0	0.0	13.3	0.0	0.0	-0.7
180	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	60.6	1.4	-2.0	0.0	0.0	14.2	0.0	0.0	5.0
182	1799.41	511.68	99.73	0	DEN	A	69.5	11.9	0.0	0.0	0.0	63.3	1.9	-2.8	0.0	0.0	19.2	0.0	0.0	-0.3
184	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	60.4	1.4	-2.0	0.0	0.0	14.4	0.0	0.0	3.6
186	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	60.8	1.5	-1.9	0.0	0.0	13.9	0.0	0.0	3.6

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
194	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	60.4	1.2	-0.2	0.0	0.0	10.1	0.0	0.0	30.4
194	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	60.4	1.2	-0.2	0.0	0.0	10.1	0.0	0.0	-154.6
194	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	60.4	1.2	-0.2	0.0	0.0	10.1	0.0	0.0	-154.6

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
196	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	61.2	1.8	-1.2	0.0	0.0	12.6	0.0	0.0	22.9
196	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	61.2	1.8	-1.2	0.0	0.0	12.6	0.0	0.0	-160.3
196	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	61.2	1.8	-1.2	0.0	0.0	12.6	0.0	0.0	-160.3

DRAFT

Receiver  
 Name: R03W  
 ID: R03W  
 X: 1366.05 m  
 Y: 617.30 m  
 Z: 108.72 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
12	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	61.9	2.9	-2.7	0.0	0.0	2.9	0.0	0.0	48.7
12	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	61.9	2.9	-2.7	0.0	0.0	2.9	0.0	0.0	-139.3
12	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	61.9	2.9	-2.7	0.0	0.0	2.9	0.0	0.0	-139.3

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
84	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.4	61.8	1.6	-1.7	0.0	0.0	2.9	0.0	0.0	35.4
84	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.4	61.8	1.6	-1.7	0.0	0.0	2.9	0.0	0.0	-152.6
84	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.4	61.8	1.6	-1.7	0.0	0.0	2.9	0.0	0.0	-152.6

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
37	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	60.9	1.5	-2.8	0.0	0.0	7.1	0.0	0.0	18.7
44	1790.51	588.14	99.54	0	DEN	A	69.5	9.6	0.0	0.0	0.0	63.6	1.9	-3.5	0.0	0.0	3.6	0.0	0.0	13.4
46	1774.51	584.04	99.53	0	DEN	A	69.5	13.8	0.0	0.0	0.0	63.3	1.9	-3.5	0.0	0.0	3.5	0.0	0.0	18.1
54	1760.75	580.52	99.53	0	DEN	A	69.5	6.5	0.0	0.0	0.0	63.0	1.8	-3.5	0.0	0.0	0.0	0.0	0.0	14.6
70	1757.98	579.81	99.52	0	DEN	A	69.5	1.2	0.0	0.0	0.0	62.9	1.8	-3.5	0.0	0.0	0.0	0.0	0.0	9.4
78	1754.65	578.97	99.52	0	DEN	A	69.5	7.4	0.0	0.0	0.0	62.8	1.8	-3.4	0.0	0.0	3.4	0.0	0.0	12.3
80	1751.40	578.13	99.52	0	DEN	A	69.5	0.6	0.0	0.0	0.0	62.8	1.8	-3.4	0.0	0.0	3.4	0.0	0.0	5.5
82	1748.57	577.41	99.52	0	DEN	A	69.5	6.7	0.0	0.0	0.0	62.7	1.8	-3.4	0.0	0.0	3.4	0.0	0.0	11.7
101	1745.01	576.42	99.52	0	DEN	A	69.5	4.3	0.0	0.0	0.0	62.6	1.8	-3.4	0.0	0.0	3.6	0.0	0.0	9.2
103	1741.62	575.36	99.52	0	DEN	A	69.5	6.4	0.0	0.0	0.0	62.6	1.8	-3.4	0.0	0.0	3.9	0.0	0.0	11.1
111	1736.38	573.73	99.51	0	DEN	A	69.5	8.2	0.0	0.0	0.0	62.4	1.7	-3.4	0.0	0.0	4.4	0.0	0.0	12.4
112	1728.64	571.31	99.51	0	DEN	A	69.5	9.8	0.0	0.0	0.0	62.3	1.7	-3.3	0.0	0.0	5.2	0.0	0.0	13.5
130	1810.44	562.96	99.51	0	DEN	A	69.5	0.1	0.0	0.0	0.0	64.0	2.0	-3.7	0.0	0.0	5.7	0.0	0.0	1.5
138	1809.55	564.46	99.51	0	DEN	A	69.5	3.9	0.0	0.0	0.0	64.0	2.0	-3.7	0.0	0.0	5.4	0.0	0.0	5.7
146	1808.53	566.20	99.51	0	DEN	A	69.5	2.0	0.0	0.0	0.0	64.0	2.0	-3.7	0.0	0.0	4.8	0.0	0.0	4.3
155	1807.46	568.01	99.51	0	DEN	A	69.5	4.2	0.0	0.0	0.0	64.0	2.0	-3.7	0.0	0.0	4.3	0.0	0.0	7.1
157	1806.45	569.71	99.51	0	DEN	A	69.5	1.4	0.0	0.0	0.0	63.9	2.0	-3.7	0.0	0.0	3.8	0.0	0.0	4.8
165	1805.46	571.39	99.52	0	DEN	A	69.5	4.0	0.0	0.0	0.0	63.9	2.0	-3.7	0.0	0.0	3.7	0.0	0.0	7.6
179	1804.00	573.86	99.52	0	DEN	A	69.5	5.1	0.0	0.0	0.0	63.9	2.0	-3.7	0.0	0.0	0.0	0.0	0.0	12.3
188	1802.51	576.38	99.52	0	DEN	A	69.5	4.2	0.0	0.0	0.0	63.8	2.0	-3.6	0.0	0.0	0.0	0.0	0.0	11.5
202	1799.25	581.89	99.53	0	DEN	A	69.5	10.1	0.0	0.0	0.0	63.8	2.0	-3.6	0.0	0.0	3.6	0.0	0.0	13.8
210	1795.78	587.76	99.54	0	DEN	A	69.5	5.4	0.0	0.0	0.0	63.7	2.0	-3.6	0.0	0.0	3.6	0.0	0.0	9.2
212	1813.91	547.27	99.49	0	DEN	A	69.5	14.9	0.0	0.0	0.0	64.1	2.0	-3.1	0.0	0.0	7.2	0.0	0.0	14.2
220	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	62.0	1.7	-3.3	0.0	0.0	5.9	0.0	0.0	14.0
222	1810.89	524.67	99.61	0	DEN	A	69.5	12.8	0.0	0.0	0.0	64.2	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	11.3
224	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	61.6	1.6	-2.9	0.0	0.0	6.5	0.0	0.0	12.5
246	1799.41	511.68	99.73	0	DEN	A	69.5	11.9	0.0	0.0	0.0	64.0	2.0	-3.8	0.0	0.0	8.6	0.0	0.0	10.6
262	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	61.4	1.6	-2.9	0.0	0.0	6.8	0.0	0.0	11.0
264	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	61.8	1.6	-2.9	0.0	0.0	6.2	0.0	0.0	11.3

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
273	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	61.4	1.3	-2.5	0.0	0.0	4.4	0.0	0.0	37.3
273	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	61.4	1.3	-2.5	0.0	0.0	4.4	0.0	0.0	-147.7
273	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	61.4	1.3	-2.5	0.0	0.0	4.4	0.0	0.0	-147.7

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
283	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	62.1	1.9	-2.4	0.0	0.0	5.0	0.0	0.0	30.7
283	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	62.1	1.9	-2.4	0.0	0.0	5.0	0.0	0.0	-152.6
283	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	62.1	1.9	-2.4	0.0	0.0	5.0	0.0	0.0	-152.6

DRAFT

Receiver  
 Name: R03G  
 ID: R03G  
 X: 1368.45 m  
 Y: 612.29 m  
 Z: 105.40 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
8	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	61.8	2.8	-2.3	0.0	0.0	5.7	0.0	0.0	0.0	45.6
8	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	61.8	2.8	-2.3	0.0	0.0	5.7	0.0	0.0	0.0	-142.4
8	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	61.8	2.8	-2.3	0.0	0.0	5.7	0.0	0.0	0.0	-142.4

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
86	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.3	61.7	1.6	0.1	0.0	0.0	2.3	0.0	0.0	0.0	34.3
86	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.3	61.7	1.6	0.1	0.0	0.0	2.3	0.0	0.0	0.0	-153.7
86	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.3	61.7	1.6	0.1	0.0	0.0	2.3	0.0	0.0	0.0	-153.7

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
14	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	60.8	1.5	-2.2	0.0	0.0	9.7	0.0	0.0	0.0	15.6
39	1792.81	588.73	99.54	0	DEN	A	69.5	6.3	0.0	0.0	0.0	63.6	1.9	-2.1	0.0	0.0	6.6	0.0	0.0	0.0	5.8
51	1775.75	584.36	99.53	0	DEN	A	69.5	14.9	0.0	0.0	0.0	63.2	1.9	-2.0	0.0	0.0	4.5	0.0	0.0	0.0	16.8
53	1756.80	579.52	99.52	0	DEN	A	69.5	9.1	0.0	0.0	0.0	62.8	1.8	-2.4	0.0	0.0	5.6	0.0	0.0	0.0	10.7
62	1750.16	577.81	99.52	0	DEN	A	69.5	7.4	0.0	0.0	0.0	62.7	1.8	-2.3	0.0	0.0	6.9	0.0	0.0	0.0	7.9
77	1746.89	576.98	99.52	0	DEN	A	69.5	0.8	0.0	0.0	0.0	62.6	1.8	-2.1	0.0	0.0	6.8	0.0	0.0	0.0	1.2
94	1745.81	576.68	99.52	0	DEN	A	69.5	0.1	0.0	0.0	0.0	62.6	1.8	-2.3	0.0	0.0	7.0	0.0	0.0	0.0	0.6
104	1743.05	575.81	99.52	0	DEN	A	69.5	6.8	0.0	0.0	0.0	62.5	1.7	-2.3	0.0	0.0	7.1	0.0	0.0	0.0	7.1
105	1737.61	574.11	99.51	0	DEN	A	69.5	8.2	0.0	0.0	0.0	62.4	1.7	-2.3	0.0	0.0	7.3	0.0	0.0	0.0	8.5
113	1729.24	571.49	99.51	0	DEN	A	69.5	10.4	0.0	0.0	0.0	62.2	1.7	-2.3	0.0	0.0	7.7	0.0	0.0	0.0	10.6
115	1809.94	563.82	99.51	0	DEN	A	69.5	4.8	0.0	0.0	0.0	64.0	2.0	-2.5	0.0	0.0	6.9	0.0	0.0	0.0	3.8
124	1808.18	566.79	99.51	0	DEN	A	69.5	5.9	0.0	0.0	0.0	63.9	2.0	-2.5	0.0	0.0	6.8	0.0	0.0	0.0	5.1
126	1806.50	569.63	99.51	0	DEN	A	69.5	4.3	0.0	0.0	0.0	63.9	2.0	-2.5	0.0	0.0	6.7	0.0	0.0	0.0	3.6
128	1805.53	571.28	99.52	0	DEN	A	69.5	0.6	0.0	0.0	0.0	63.8	2.0	-2.5	0.0	0.0	6.7	0.0	0.0	0.0	0.1
135	1804.57	572.89	99.52	0	DEN	A	69.5	4.2	0.0	0.0	0.0	63.8	2.0	-2.5	0.0	0.0	6.6	0.0	0.0	0.0	3.7
143	1802.97	575.60	99.52	0	DEN	A	69.5	5.7	0.0	0.0	0.0	63.8	2.0	-2.2	0.0	0.0	5.3	0.0	0.0	0.0	6.3
158	1798.86	582.55	99.53	0	DEN	A	69.5	11.0	0.0	0.0	0.0	63.7	2.0	-2.1	0.0	0.0	4.5	0.0	0.0	0.0	12.4
178	1795.29	588.58	99.54	0	DEN	A	69.5	1.9	0.0	0.0	0.0	63.6	1.9	-2.1	0.0	0.0	6.6	0.0	0.0	0.0	1.3
193	1815.90	537.75	99.48	0	DEN	A	69.5	10.7	0.0	0.0	0.0	64.1	2.0	-2.0	0.0	0.0	6.9	0.0	0.0	0.0	9.0
195	1812.70	553.00	99.50	0	DEN	A	69.5	12.9	0.0	0.0	0.0	64.0	2.0	-2.2	0.0	0.0	6.9	0.0	0.0	0.0	11.5
197	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	61.9	1.6	-2.2	0.0	0.0	8.0	0.0	0.0	0.0	11.0
199	1810.89	524.67	99.61	0	DEN	A	69.5	12.8	0.0	0.0	0.0	64.1	2.0	-2.6	0.0	0.0	7.6	0.0	0.0	0.0	11.2
218	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	61.5	1.6	-2.1	0.0	0.0	8.6	0.0	0.0	0.0	9.7
226	1799.41	511.68	99.73	0	DEN	A	69.5	11.9	0.0	0.0	0.0	63.9	2.0	-2.8	0.0	0.0	8.0	0.0	0.0	0.0	10.2
235	1695.42	562.15	99.50	0	DEN	A	69.5	1.2	0.0	0.0	0.0	61.4	1.6	-2.1	0.0	0.0	8.8	0.0	0.0	0.0	1.0
243	1692.08	561.21	99.50	0	DEN	A	69.5	7.5	0.0	0.0	0.0	61.3	1.5	-2.1	0.0	0.0	8.9	0.0	0.0	0.0	7.3
245	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	61.7	1.6	-2.2	0.0	0.0	8.3	0.0	0.0	0.0	8.5

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
254	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	61.4	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	39.5
254	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	61.4	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-145.5
254	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	61.4	1.3	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-145.5

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
263	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	62.0	1.9	-1.4	0.0	0.0	6.2	0.0	0.0	0.0	28.5

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
263	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	62.0	1.9	-1.4	0.0	0.0	6.2	0.0	0.0	-154.7
263	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	62.0	1.9	-1.4	0.0	0.0	6.2	0.0	0.0	-154.7

DRAFT

Receiver  
Name: R04W  
ID: R04W  
X: 1293.73 m  
Y: 597.90 m  
Z: 111.07 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
10	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	63.5	3.3	-2.9	0.0	0.0	7.7	0.0	0.0	42.1
10	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	63.5	3.3	-2.9	0.0	0.0	7.7	0.0	0.0	-145.9
10	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	63.5	3.3	-2.9	0.0	0.0	7.7	0.0	0.0	-145.9

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
131	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.5	63.4	1.8	-2.0	0.0	0.0	0.0	0.0	0.0	36.6
131	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.5	63.4	1.8	-2.0	0.0	0.0	0.0	0.0	0.0	-151.4
131	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.5	63.4	1.8	-2.0	0.0	0.0	0.0	0.0	0.0	-151.4

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
16	1687.71	559.97	99.53	0	DEN	A	69.5	5.4	0.0	0.0	0.0	63.0	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	5.3
18	1672.64	555.62	99.78	0	DEN	A	69.5	14.5	0.0	0.0	0.0	62.6	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	14.8
20	1657.75	551.33	100.03	0	DEN	A	69.5	4.9	0.0	0.0	0.0	62.3	1.7	-3.2	0.0	0.0	8.0	0.0	0.0	5.6
41	1654.38	550.36	100.09	0	DEN	A	69.5	6.0	0.0	0.0	0.0	62.2	1.7	-2.6	0.0	0.0	7.3	0.0	0.0	6.7
48	1652.32	549.76	100.13	0	DEN	A	69.5	-4.7	0.0	0.0	0.0	62.2	1.7	-2.2	0.0	0.0	7.0	0.0	0.0	-3.8
64	1782.44	586.07	99.53	0	DEN	A	69.5	14.1	0.0	0.0	0.0	64.8	2.2	-3.6	0.0	0.0	8.3	0.0	0.0	11.8
66	1766.98	582.12	99.53	0	DEN	A	69.5	7.9	0.0	0.0	0.0	64.5	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	6.0
74	1762.79	581.05	99.53	0	DEN	A	69.5	3.8	0.0	0.0	0.0	64.4	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	2.0
83	1760.86	580.55	99.53	0	DEN	A	69.5	2.0	0.0	0.0	0.0	64.4	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	0.2
100	1757.29	579.64	99.52	0	DEN	A	69.5	7.6	0.0	0.0	0.0	64.3	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	5.9
108	1753.16	578.58	99.52	0	DEN	A	69.5	4.4	0.0	0.0	0.0	64.3	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	2.7
116	1751.17	578.07	99.52	0	DEN	A	69.5	1.4	0.0	0.0	0.0	64.2	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	-0.2
125	1750.00	577.77	99.52	0	DEN	A	69.5	0.2	0.0	0.0	0.0	64.2	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	-1.4
127	1747.99	577.26	99.52	0	DEN	A	69.5	-4.9	0.0	0.0	0.0	64.2	2.1	-3.5	0.0	0.0	8.3	0.0	0.0	3.4
129	1746.39	576.85	99.52	0	DEN	A	69.5	-7.4	0.0	0.0	0.0	64.1	2.0	-3.5	0.0	0.0	8.3	0.0	0.0	-8.9
139	1743.11	575.83	99.52	0	DEN	A	69.5	8.3	0.0	0.0	0.0	64.1	2.0	-3.5	0.0	0.0	8.3	0.0	0.0	6.8
141	1731.98	572.35	99.51	0	DEN	A	69.5	12.2	0.0	0.0	0.0	63.9	2.0	-3.4	0.0	0.0	8.2	0.0	0.0	11.1
149	1808.06	566.98	99.51	0	DEN	A	69.5	10.2	0.0	0.0	0.0	65.2	2.3	-3.7	0.0	0.0	8.5	0.0	0.0	7.3
151	1804.61	572.83	99.52	0	DEN	A	69.5	5.1	0.0	0.0	0.0	65.2	2.3	-3.7	0.0	0.0	8.5	0.0	0.0	2.3
153	1803.52	574.66	99.52	0	DEN	A	69.5	0.2	0.0	0.0	0.0	65.2	2.3	-3.7	0.0	0.0	8.4	0.0	0.0	-2.6
159	1802.98	575.58	99.52	0	DEN	A	69.5	0.4	0.0	0.0	0.0	65.1	2.3	-3.3	0.0	0.0	8.1	0.0	0.0	-2.3
167	1802.43	576.51	99.52	0	DEN	A	69.5	0.2	0.0	0.0	0.0	65.1	2.3	-3.7	0.0	0.0	8.4	0.0	0.0	-2.5
175	1801.61	577.89	99.52	0	DEN	A	69.5	3.3	0.0	0.0	0.0	65.1	2.3	-3.7	0.0	0.0	8.4	0.0	0.0	0.7
190	1800.70	579.44	99.53	0	DEN	A	69.5	1.6	0.0	0.0	0.0	65.1	2.3	-3.7	0.0	0.0	8.4	0.0	0.0	-1.0
198	1799.76	581.02	99.53	0	DEN	A	69.5	3.5	0.0	0.0	0.0	65.1	2.2	-3.6	0.0	0.0	8.4	0.0	0.0	0.8
205	1797.04	585.61	99.54	0	DEN	A	69.5	9.3	0.0	0.0	0.0	65.0	2.2	-3.6	0.0	0.0	8.4	0.0	0.0	6.7
213	1815.13	541.45	99.48	0	DEN	A	69.5	12.9	0.0	0.0	0.0	65.4	2.3	-2.7	0.0	0.0	0.0	0.0	0.0	17.4
221	1812.79	552.60	99.50	0	DEN	A	69.5	5.5	0.0	0.0	0.0	65.3	2.3	-3.4	0.0	0.0	0.0	0.0	0.0	10.7
228	1811.57	558.42	99.50	0	DEN	A	69.5	9.2	0.0	0.0	0.0	65.3	2.3	-3.4	0.0	0.0	8.2	0.0	0.0	6.3
231	1806.11	519.02	99.71	0	DEN	A	69.5	6.5	0.0	0.0	0.0	65.3	2.3	-3.8	0.0	0.0	8.6	0.0	0.0	3.6
233	1808.65	522.02	99.66	0	DEN	A	69.5	5.3	0.0	0.0	0.0	65.3	2.3	-3.8	0.0	0.0	0.0	0.0	0.0	11.0
241	1810.16	523.80	99.63	0	DEN	A	69.5	1.0	0.0	0.0	0.0	65.4	2.3	-3.8	0.0	0.0	0.0	0.0	0.0	6.7
250	1811.89	525.85	99.59	0	DEN	A	69.5	6.1	0.0	0.0	0.0	65.4	2.3	-3.5	0.0	0.0	0.0	0.0	0.0	11.4
251	1814.42	528.83	99.53	0	DEN	A	69.5	5.7	0.0	0.0	0.0	65.4	2.3	-3.2	0.0	0.0	0.0	0.0	0.0	10.6
252	1816.29	531.04	99.49	0	DEN	A	69.5	3.2	0.0	0.0	0.0	65.4	2.3	-2.8	0.0	0.0	0.0	0.0	0.0	7.7
281	1817.03	531.93	99.48	0	DEN	A	69.5	-6.5	0.0	0.0	0.0	65.4	2.3	-2.5	0.0	0.0	0.0	0.0	0.0	-2.3
294	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	63.6	1.9	-3.4	0.0	0.0	8.2	0.0	0.0	10.0
297	1796.62	508.69	99.72	0	DEN	A	69.5	8.6	0.0	0.0	0.0	65.2	2.3	-3.6	0.0	0.0	8.3	0.0	0.0	5.9
304	1801.57	513.99	99.74	0	DEN	A	69.5	8.6	0.0	0.0	0.0	65.2	2.3	-3.9	0.0	0.0	8.6	0.0	0.0	5.8



Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
311	1804.35	516.98	99.75	0	DEN	A	69.5	-0.2	0.0	0.0	0.0	65.3	2.3	-3.9	0.0	0.0	8.6	0.0	0.0	-3.1
318	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	63.2	1.9	-3.4	0.0	0.0	8.2	0.0	0.0	9.4
320	1695.45	562.16	99.50	0	DEN	A	69.5	1.0	0.0	0.0	0.0	63.1	1.9	-3.4	0.0	0.0	8.1	0.0	0.0	0.8
325	1694.31	561.84	99.50	0	DEN	A	69.5	0.4	0.0	0.0	0.0	63.1	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	0.2
337	1691.57	561.07	99.50	0	DEN	A	69.5	6.6	0.0	0.0	0.0	63.0	1.8	-3.3	0.0	0.0	8.1	0.0	0.0	6.4
342	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	63.4	1.9	-3.4	0.0	0.0	8.2	0.0	0.0	7.9

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
351	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	63.2	1.5	-2.7	0.0	0.0	3.1	0.0	0.0	36.8
351	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	63.2	1.5	-2.7	0.0	0.0	3.1	0.0	0.0	-148.2
351	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	63.2	1.5	-2.7	0.0	0.0	3.1	0.0	0.0	-148.2

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
356	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	63.6	2.2	-2.7	0.0	0.0	0.0	0.0	0.0	34.1
356	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	63.6	2.2	-2.7	0.0	0.0	0.0	0.0	0.0	-149.1
356	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	63.6	2.2	-2.7	0.0	0.0	0.0	0.0	0.0	-149.1



Receiver  
 Name: R04G  
 ID: R04G  
 X: 1293.18 m  
 Y: 591.16 m  
 Z: 107.87 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
60	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	63.5	3.3	-1.9	0.0	0.0	6.7	0.0	0.0	42.1
60	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	63.5	3.3	-1.9	0.0	0.0	6.7	0.0	0.0	-145.9
60	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	63.5	3.3	-1.9	0.0	0.0	6.7	0.0	0.0	-145.9

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
217	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.4	63.4	1.8	0.4	0.0	0.0	4.4	0.0	0.0	29.8
217	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.4	63.4	1.8	0.4	0.0	0.0	4.4	0.0	0.0	-158.2
217	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.4	63.4	1.8	0.4	0.0	0.0	4.4	0.0	0.0	-158.2

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
69	1684.85	559.14	99.57	0	DEN	A	69.5	9.7	0.0	0.0	0.0	62.9	1.8	-1.6	0.0	0.0	6.4	0.0	0.0	9.7
71	1676.09	556.62	99.72	0	DEN	A	69.5	9.5	0.0	0.0	0.0	62.7	1.8	-1.6	0.0	0.0	6.4	0.0	0.0	9.7
79	1667.76	554.22	99.86	0	DEN	A	69.5	9.3	0.0	0.0	0.0	62.5	1.7	-1.6	0.0	0.0	6.4	0.0	0.0	9.7
88	1657.93	551.38	100.03	0	DEN	A	69.5	10.8	0.0	0.0	0.0	62.3	1.7	-1.6	0.0	0.0	6.4	0.0	0.0	11.5
96	1792.53	588.65	99.54	0	DEN	A	69.5	6.9	0.0	0.0	0.0	65.0	2.2	-1.8	0.0	0.0	6.5	0.0	0.0	4.4
98	1787.08	587.26	99.54	0	DEN	A	69.5	8.0	0.0	0.0	0.0	64.9	2.2	-1.8	0.0	0.0	6.3	0.0	0.0	5.9
120	1783.22	586.27	99.54	0	DEN	A	69.5	2.1	0.0	0.0	0.0	64.8	2.2	-1.8	0.0	0.0	6.3	0.0	0.0	0.0
122	1781.50	585.83	99.53	0	DEN	A	69.5	2.9	0.0	0.0	0.0	64.8	2.2	-1.8	0.0	0.0	6.3	0.0	0.0	0.8
133	1777.18	584.73	99.53	0	DEN	A	69.5	8.4	0.0	0.0	0.0	64.7	2.2	-1.8	0.0	0.0	6.3	0.0	0.0	6.5
147	1773.26	583.72	99.53	0	DEN	A	69.5	0.4	0.0	0.0	0.0	64.6	2.1	-1.7	0.0	0.0	6.3	0.0	0.0	-1.5
156	1771.35	583.24	99.53	0	DEN	A	69.5	4.5	0.0	0.0	0.0	64.6	2.1	-1.7	0.0	0.0	6.3	0.0	0.0	2.7
164	1767.56	582.27	99.53	0	DEN	A	69.5	7.0	0.0	0.0	0.0	64.5	2.1	-1.8	0.0	0.0	6.3	0.0	0.0	5.2
166	1761.20	580.64	99.53	0	DEN	A	69.5	9.1	0.0	0.0	0.0	64.4	2.1	-1.7	0.0	0.0	6.5	0.0	0.0	7.3
174	1754.41	578.90	99.52	0	DEN	A	69.5	7.7	0.0	0.0	0.0	64.3	2.1	-1.7	0.0	0.0	6.5	0.0	0.0	6.0
189	1750.29	577.85	99.52	0	DEN	A	69.5	4.2	0.0	0.0	0.0	64.2	2.1	-1.7	0.0	0.0	6.5	0.0	0.0	2.6
209	1747.66	577.18	99.52	0	DEN	A	69.5	4.5	0.0	0.0	0.0	64.2	2.1	-1.7	0.0	0.0	6.5	0.0	0.0	3.0
225	1744.12	576.14	99.52	0	DEN	A	69.5	6.6	0.0	0.0	0.0	64.1	2.0	-1.7	0.0	0.0	6.5	0.0	0.0	5.2
227	1740.48	575.01	99.52	0	DEN	A	69.5	4.8	0.0	0.0	0.0	64.0	2.0	-1.7	0.0	0.0	6.5	0.0	0.0	3.4
229	1731.54	572.21	99.51	0	DEN	A	69.5	12.0	0.0	0.0	0.0	63.8	2.0	-1.7	0.0	0.0	6.5	0.0	0.0	10.8
260	1810.19	563.39	99.51	0	DEN	A	69.5	3.1	0.0	0.0	0.0	65.3	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	0.2
270	1807.35	568.19	99.51	0	DEN	A	69.5	9.6	0.0	0.0	0.0	65.2	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	6.8
279	1804.69	572.69	99.52	0	DEN	A	69.5	1.3	0.0	0.0	0.0	65.2	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	-1.4
287	1803.56	574.60	99.52	0	DEN	A	69.5	4.9	0.0	0.0	0.0	65.2	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	2.1
299	1802.05	577.16	99.52	0	DEN	A	69.5	4.6	0.0	0.0	0.0	65.1	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	1.9
306	1800.56	579.68	99.53	0	DEN	A	69.5	4.7	0.0	0.0	0.0	65.1	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	2.1
313	1799.38	581.67	99.53	0	DEN	A	69.5	2.2	0.0	0.0	0.0	65.1	2.2	-1.8	0.0	0.0	6.6	0.0	0.0	-0.4
330	1798.63	582.94	99.53	0	DEN	A	69.5	1.1	0.0	0.0	0.0	65.1	2.2	-1.8	0.0	0.0	6.5	0.0	0.0	-1.5
332	1797.73	584.45	99.53	0	DEN	A	69.5	3.5	0.0	0.0	0.0	65.1	2.2	-1.8	0.0	0.0	6.6	0.0	0.0	0.9
334	1796.89	585.88	99.54	0	DEN	A	69.5	0.4	0.0	0.0	0.0	65.0	2.2	-1.8	0.0	0.0	6.3	0.0	0.0	-1.9
336	1796.11	587.18	99.54	0	DEN	A	69.5	2.9	0.0	0.0	0.0	65.0	2.2	-1.8	0.0	0.0	6.5	0.0	0.0	0.3
341	1795.25	588.64	99.54	0	DEN	A	69.5	1.6	0.0	0.0	0.0	65.0	2.2	-1.8	0.0	0.0	6.5	0.0	0.0	-0.9
343	1816.54	534.70	99.48	0	DEN	A	69.5	7.4	0.0	0.0	0.0	65.4	2.3	-1.1	0.0	0.0	5.9	0.0	0.0	4.3
349	1815.51	539.62	99.48	0	DEN	A	69.5	6.6	0.0	0.0	0.0	65.4	2.3	-1.1	0.0	0.0	5.9	0.0	0.0	3.6
354	1814.57	544.10	99.49	0	DEN	A	69.5	6.6	0.0	0.0	0.0	65.4	2.3	-1.3	0.0	0.0	6.1	0.0	0.0	3.6
359	1812.43	554.30	99.50	0	DEN	A	69.5	12.1	0.0	0.0	0.0	65.3	2.3	-1.6	0.0	0.0	6.3	0.0	0.0	9.2
362	1810.73	562.39	99.50	0	DEN	A	69.5	-5.9	0.0	0.0	0.0	65.3	2.3	-1.8	0.0	0.0	6.6	0.0	0.0	-8.8
363	1805.92	518.79	99.72	0	DEN	A	69.5	5.8	0.0	0.0	0.0	65.3	2.3	-2.0	0.0	0.0	6.8	0.0	0.0	3.0
365	1812.13	526.13	99.58	0	DEN	A	69.5	11.9	0.0	0.0	0.0	65.4	2.3	-1.6	0.0	0.0	6.4	0.0	0.0	8.9
370	1722.89	569.58	99.51	0	DEN	A	69.5	3.8	0.0	0.0	0.0	63.7	2.0	-1.7	0.0	0.0	6.5	0.0	0.0	2.8

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
371	1720.97	569.11	99.51	0	DEN	A	69.5	2.0	0.0	0.0	0.0	63.6	1.9	-1.5	0.0	0.0	6.2	0.0	0.0	1.1
376	1717.55	568.27	99.51	0	DEN	A	69.5	7.4	0.0	0.0	0.0	63.6	1.9	-1.7	0.0	0.0	6.5	0.0	0.0	6.6
380	1713.53	567.28	99.50	0	DEN	A	69.5	4.5	0.0	0.0	0.0	63.5	1.9	-1.7	0.0	0.0	6.5	0.0	0.0	3.8
391	1799.41	511.68	99.73	0	DEN	A	69.5	11.9	0.0	0.0	0.0	65.2	2.3	-2.0	0.0	0.0	6.7	0.0	0.0	9.1
395	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	63.2	1.9	-1.7	0.0	0.0	6.5	0.0	0.0	9.4
397	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	63.1	1.8	-1.6	0.0	0.0	6.4	0.0	0.0	8.2
398	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	63.4	1.9	-1.7	0.0	0.0	6.5	0.0	0.0	7.9

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
399	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	63.2	1.5	-0.3	0.0	0.0	4.6	0.0	0.0	32.9
399	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	63.2	1.5	-0.3	0.0	0.0	4.6	0.0	0.0	-152.1
399	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	63.2	1.5	-0.3	0.0	0.0	4.6	0.0	0.0	-152.1

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
400	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	63.6	2.2	-0.9	0.0	0.0	5.6	0.0	0.0	26.7
400	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	63.6	2.2	-0.9	0.0	0.0	5.6	0.0	0.0	-156.6
400	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	63.6	2.2	-0.9	0.0	0.0	5.6	0.0	0.0	-156.6



Receiver  
Name: R05W  
ID: R05W  
X: 1278.05 m  
Y: 608.26 m  
Z: 111.50 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
160	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	63.8	3.4	-2.6	0.0	0.0	7.3	0.0	0.0	0.0	41.7
160	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	63.8	3.4	-2.6	0.0	0.0	7.3	0.0	0.0	0.0	-146.3
160	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	63.8	3.4	-2.6	0.0	0.0	7.3	0.0	0.0	0.0	-146.3

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																						
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))		
216	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.4	63.7	1.9	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.8
216	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.4	63.7	1.9	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-152.2
216	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.4	63.7	1.9	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-152.2

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
168	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	63.0	1.8	-2.7	0.0	0.0	7.5	0.0	0.0	0.0	15.8
176	1780.11	585.48	99.53	0	DEN	A	69.5	14.8	0.0	0.0	0.0	65.0	2.2	-3.2	0.0	0.0	7.9	0.0	0.0	0.0	12.3
185	1761.33	580.67	99.53	0	DEN	A	69.5	9.2	0.0	0.0	0.0	64.7	2.2	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	7.0
187	1754.22	578.86	99.52	0	DEN	A	69.5	8.1	0.0	0.0	0.0	64.6	2.1	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	6.0
201	1750.34	577.86	99.52	0	DEN	A	69.5	2.1	0.0	0.0	0.0	64.5	2.1	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	0.2
203	1747.93	577.24	99.52	0	DEN	A	69.5	5.2	0.0	0.0	0.0	64.5	2.1	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	3.4
236	1745.08	576.45	99.52	0	DEN	A	69.5	4.1	0.0	0.0	0.0	64.4	2.1	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	2.3
237	1742.60	575.67	99.52	0	DEN	A	69.5	4.2	0.0	0.0	0.0	64.4	2.1	-3.2	0.0	0.0	7.9	0.0	0.0	0.0	2.4
239	1739.41	574.67	99.52	0	DEN	A	69.5	6.1	0.0	0.0	0.0	64.3	2.1	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	4.4
248	1730.76	571.97	99.51	0	DEN	A	69.5	11.5	0.0	0.0	0.0	64.1	2.0	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	10.0
265	1808.82	565.71	99.51	0	DEN	A	69.5	8.7	0.0	0.0	0.0	65.5	2.3	-3.3	0.0	0.0	8.1	0.0	0.0	0.0	5.5
266	1806.07	570.36	99.51	0	DEN	A	69.5	5.3	0.0	0.0	0.0	65.5	2.3	-3.3	0.0	0.0	8.1	0.0	0.0	0.0	2.2
268	1804.52	572.98	99.52	0	DEN	A	69.5	4.3	0.0	0.0	0.0	65.4	2.3	-3.3	0.0	0.0	8.0	0.0	0.0	0.0	1.2
275	1802.99	575.55	99.52	0	DEN	A	69.5	5.2	0.0	0.0	0.0	65.4	2.3	-2.9	0.0	0.0	7.7	0.0	0.0	0.0	2.1
276	1801.34	578.34	99.53	0	DEN	A	69.5	5.0	0.0	0.0	0.0	65.4	2.3	-3.3	0.0	0.0	8.0	0.0	0.0	0.0	2.0
277	1797.71	584.49	99.53	0	DEN	A	69.5	10.4	0.0	0.0	0.0	65.3	2.3	-3.2	0.0	0.0	8.0	0.0	0.0	0.0	7.5
278	1816.12	536.70	99.48	0	DEN	A	69.5	9.8	0.0	0.0	0.0	65.7	2.4	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	13.7
286	1812.92	551.95	99.49	0	DEN	A	69.5	13.3	0.0	0.0	0.0	65.6	2.4	-2.7	0.0	0.0	7.5	0.0	0.0	0.0	10.1
289	1810.89	524.67	99.61	0	DEN	A	69.5	12.8	0.0	0.0	0.0	65.6	2.4	-3.3	0.0	0.0	0.0	0.0	0.0	0.0	17.6
296	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	63.9	2.0	-3.1	0.0	0.0	7.9	0.0	0.0	0.0	9.7
303	1796.36	508.42	99.72	0	DEN	A	69.5	8.2	0.0	0.0	0.0	65.5	2.3	-3.6	0.0	0.0	8.3	0.0	0.0	0.0	5.1
305	1801.64	514.07	99.74	0	DEN	A	69.5	9.5	0.0	0.0	0.0	65.5	2.3	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	14.7
312	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	63.6	1.9	-3.1	0.0	0.0	7.8	0.0	0.0	0.0	9.0
319	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	63.4	1.9	-3.0	0.0	0.0	7.8	0.0	0.0	0.0	7.8
322	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	63.7	2.0	-3.0	0.0	0.0	7.8	0.0	0.0	0.0	7.5

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
324	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	63.5	1.6	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	39.1
324	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	63.5	1.6	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-145.8
324	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	63.5	1.6	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-145.8

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
331	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	64.0	2.3	-2.3	0.0	0.0	7.1	0.0	0.0	0.0	26.3
331	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	64.0	2.3	-2.3	0.0	0.0	7.1	0.0	0.0	0.0	-157.0
331	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	64.0	2.3	-2.3	0.0	0.0	7.1	0.0	0.0	0.0	-157.0

Receiver  
 Name: R05G  
 ID: R05G  
 X: 1274.39 m  
 Y: 603.61 m  
 Z: 108.50 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
207	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	63.9	3.4	-1.7	0.0	0.0	6.1	0.0	0.0	0.0	41.9
207	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	63.9	3.4	-1.7	0.0	0.0	6.1	0.0	0.0	0.0	-146.1
207	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	63.9	3.4	-1.7	0.0	0.0	6.1	0.0	0.0	0.0	-146.1

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
274	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.4	63.8	1.9	0.6	0.0	0.0	4.3	0.0	0.0	0.0	29.4
274	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.4	63.8	1.9	0.6	0.0	0.0	4.3	0.0	0.0	0.0	-158.6
274	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.4	63.8	1.9	0.6	0.0	0.0	4.3	0.0	0.0	0.0	-158.6

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
214	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	63.0	1.8	-1.4	0.0	0.0	6.2	0.0	0.0	0.0	15.7
230	1781.20	585.76	99.53	0	DEN	A	69.5	14.5	0.0	0.0	0.0	65.1	2.2	-1.5	0.0	0.0	5.7	0.0	0.0	0.0	12.4
238	1763.44	581.21	99.53	0	DEN	A	69.5	9.3	0.0	0.0	0.0	64.8	2.2	-1.5	0.0	0.0	5.8	0.0	0.0	0.0	7.4
247	1756.05	579.32	99.52	0	DEN	A	69.5	8.3	0.0	0.0	0.0	64.7	2.2	-1.5	0.0	0.0	5.9	0.0	0.0	0.0	6.6
256	1752.10	578.31	99.52	0	DEN	A	69.5	1.2	0.0	0.0	0.0	64.6	2.1	-1.5	0.0	0.0	5.9	0.0	0.0	0.0	-0.5
258	1748.88	577.49	99.52	0	DEN	A	69.5	7.3	0.0	0.0	0.0	64.5	2.1	-1.5	0.0	0.0	6.1	0.0	0.0	0.0	5.4
284	1745.72	576.65	99.52	0	DEN	A	69.5	0.9	0.0	0.0	0.0	64.5	2.1	-1.5	0.0	0.0	6.1	0.0	0.0	0.0	-0.9
291	1741.91	575.45	99.52	0	DEN	A	69.5	8.3	0.0	0.0	0.0	64.4	2.1	-1.5	0.0	0.0	6.1	0.0	0.0	0.0	6.6
298	1731.37	572.16	99.51	0	DEN	A	69.5	11.9	0.0	0.0	0.0	64.2	2.1	-1.5	0.0	0.0	6.2	0.0	0.0	0.0	10.4
310	1808.43	566.36	99.51	0	DEN	A	69.5	9.5	0.0	0.0	0.0	65.6	2.4	-1.6	0.0	0.0	6.3	0.0	0.0	0.0	6.4
317	1805.32	571.62	99.52	0	DEN	A	69.5	5.2	0.0	0.0	0.0	65.5	2.3	-1.6	0.0	0.0	6.2	0.0	0.0	0.0	2.1
323	1803.79	574.22	99.52	0	DEN	A	69.5	4.4	0.0	0.0	0.0	65.5	2.3	-1.6	0.0	0.0	6.0	0.0	0.0	0.0	1.6
328	1802.28	576.76	99.52	0	DEN	A	69.5	5.0	0.0	0.0	0.0	65.5	2.3	-1.6	0.0	0.0	5.9	0.0	0.0	0.0	2.3
335	1800.66	579.50	99.53	0	DEN	A	69.5	5.0	0.0	0.0	0.0	65.4	2.3	-1.5	0.0	0.0	5.9	0.0	0.0	0.0	2.4
347	1797.37	585.06	99.53	0	DEN	A	69.5	9.9	0.0	0.0	0.0	65.4	2.3	-1.5	0.0	0.0	5.8	0.0	0.0	0.0	7.4
352	1813.91	547.27	99.49	0	DEN	A	69.5	14.9	0.0	0.0	0.0	65.7	2.4	-1.1	0.0	0.0	5.9	0.0	0.0	0.0	11.6
358	1810.89	524.67	99.61	0	DEN	A	69.5	12.8	0.0	0.0	0.0	65.7	2.4	-1.4	0.0	0.0	6.2	0.0	0.0	0.0	9.5
360	1718.11	568.41	99.51	0	DEN	A	69.5	10.9	0.0	0.0	0.0	64.0	2.0	-1.5	0.0	0.0	6.2	0.0	0.0	0.0	9.7
364	1794.75	506.69	99.72	0	DEN	A	69.5	2.6	0.0	0.0	0.0	65.5	2.3	-1.5	0.0	0.0	6.2	0.0	0.0	0.0	-0.5
366	1795.72	507.72	99.72	0	DEN	A	69.5	0.1	0.0	0.0	0.0	65.5	2.3	-1.7	0.0	0.0	6.4	0.0	0.0	0.0	-3.1
368	1797.18	509.29	99.72	0	DEN	A	69.5	5.2	0.0	0.0	0.0	65.5	2.3	-1.7	0.0	0.0	6.4	0.0	0.0	0.0	2.0
372	1799.32	511.59	99.73	0	DEN	A	69.5	4.7	0.0	0.0	0.0	65.5	2.3	-1.7	0.0	0.0	6.5	0.0	0.0	0.0	1.6
374	1800.92	513.29	99.73	0	DEN	A	69.5	2.3	0.0	0.0	0.0	65.6	2.3	-1.5	0.0	0.0	6.2	0.0	0.0	0.0	-0.9
378	1803.09	515.62	99.74	0	DEN	A	69.5	6.7	0.0	0.0	0.0	65.6	2.4	-1.7	0.0	0.0	6.5	0.0	0.0	0.0	3.4
382	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	63.6	1.9	-1.4	0.0	0.0	6.1	0.0	0.0	0.0	9.0
384	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	63.5	1.9	-1.4	0.0	0.0	6.2	0.0	0.0	0.0	7.7
387	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	63.8	2.0	-1.4	0.0	0.0	6.1	0.0	0.0	0.0	7.5

Point Source, ISO 9613, Name: "coco loader", ID: "D09\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
389	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	63.6	1.6	-0.0	0.0	0.0	3.1	0.0	0.0	0.0	33.8
389	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	63.6	1.6	-0.0	0.0	0.0	3.1	0.0	0.0	0.0	-151.2
389	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	63.6	1.6	-0.0	0.0	0.0	3.1	0.0	0.0	0.0	-151.2

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09\_"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw (dB(A))	l/a (dB)	Optime (dB)	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr (dB(A))	
393	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	64.0	2.3	-0.6	0.0	0.0	5.4	0.0	0.0	0.0	26.2

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
393	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	64.0	2.3	-0.6	0.0	0.0	5.4	0.0	0.0	-157.0
393	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	64.0	2.3	-0.6	0.0	0.0	5.4	0.0	0.0	-157.0

DRAFT

Receiver  
 Name: R06W  
 ID: R06W  
 X: 1408.00 m  
 Y: 775.27 m  
 Z: 105.08 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
211	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	62.2	2.9	-1.1	0.0	0.0	14.4	0.0	0.0	35.3
211	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	62.2	2.9	-1.1	0.0	0.0	14.4	0.0	0.0	-152.7
211	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	62.2	2.9	-1.1	0.0	0.0	14.4	0.0	0.0	-152.7

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
244	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-8.0	62.0	1.6	1.1	0.0	0.0	10.0	0.0	0.0	26.6
244	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-8.0	62.0	1.6	1.1	0.0	0.0	10.0	0.0	0.0	-161.4
244	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-8.0	62.0	1.6	1.1	0.0	0.0	10.0	0.0	0.0	-161.4

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
219	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	61.7	1.6	-0.2	0.0	0.0	11.5	0.0	0.0	10.7
234	1777.60	584.84	99.53	0	DEN	A	69.5	15.5	0.0	0.0	0.0	63.4	1.9	-1.2	0.0	0.0	13.5	0.0	0.0	7.4
242	1753.31	578.62	99.52	0	DEN	A	69.5	11.6	0.0	0.0	0.0	63.0	1.8	-1.1	0.0	0.0	18.9	0.0	0.0	-1.5
253	1802.80	575.89	99.52	0	DEN	A	69.5	14.9	0.0	0.0	0.0	63.9	2.0	-1.2	0.0	0.0	13.4	0.0	0.0	6.3
255	1737.60	574.11	99.51	0	DEN	A	69.5	12.6	0.0	0.0	0.0	62.7	1.8	-1.0	0.0	0.0	18.7	0.0	0.0	-0.1
272	1727.76	571.03	99.51	0	DEN	A	69.5	3.8	0.0	0.0	0.0	62.6	1.8	-0.9	0.0	0.0	18.6	0.0	0.0	-8.8
288	1725.33	570.27	99.51	0	DEN	A	69.5	4.3	0.0	0.0	0.0	62.5	1.8	-0.9	0.0	0.0	12.8	0.0	0.0	-2.4
290	1815.09	541.63	99.48	0	DEN	A	69.5	12.9	0.0	0.0	0.0	64.4	2.1	-0.4	0.0	0.0	12.2	0.0	0.0	4.1
307	1811.89	556.88	99.50	0	DEN	A	69.5	10.6	0.0	0.0	0.0	64.2	2.1	-1.0	0.0	0.0	12.9	0.0	0.0	1.9
314	1721.00	569.12	99.51	0	DEN	A	69.5	8.0	0.0	0.0	0.0	62.5	1.7	-0.7	0.0	0.0	12.6	0.0	0.0	1.4
321	1715.14	567.68	99.50	0	DEN	A	69.5	7.6	0.0	0.0	0.0	62.4	1.7	-0.9	0.0	0.0	12.7	0.0	0.0	1.2
327	1712.25	566.97	99.50	0	DEN	A	69.5	-8.0	0.0	0.0	0.0	62.3	1.7	-0.7	0.0	0.0	12.5	0.0	0.0	-14.4
329	1805.56	518.37	99.73	0	DEN	A	69.5	4.4	0.0	0.0	0.0	64.5	2.1	-1.3	0.0	0.0	12.7	0.0	0.0	-4.2
339	1807.19	520.29	99.69	0	DEN	A	69.5	3.6	0.0	0.0	0.0	64.5	2.1	-1.3	0.0	0.0	12.7	0.0	0.0	-5.0
344	1812.52	526.59	99.58	0	DEN	A	69.5	11.5	0.0	0.0	0.0	64.5	2.1	-1.0	0.0	0.0	12.5	0.0	0.0	2.8
346	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	62.2	1.7	-0.7	0.0	0.0	12.4	0.0	0.0	3.8
348	1795.55	507.54	99.72	0	DEN	A	69.5	6.2	0.0	0.0	0.0	64.5	2.1	-1.2	0.0	0.0	12.2	0.0	0.0	-1.9
353	1798.79	511.01	99.73	0	DEN	A	69.5	7.3	0.0	0.0	0.0	64.5	2.1	-1.1	0.0	0.0	12.1	0.0	0.0	-0.9
375	1802.50	514.99	99.74	0	DEN	A	69.5	7.4	0.0	0.0	0.0	64.5	2.1	-1.1	0.0	0.0	12.2	0.0	0.0	-0.9
379	1804.53	517.17	99.75	0	DEN	A	69.5	-3.6	0.0	0.0	0.0	64.5	2.1	-1.1	0.0	0.0	12.2	0.0	0.0	-11.9
385	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	62.0	1.7	-0.7	0.0	0.0	12.2	0.0	0.0	2.6
392	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	62.3	1.7	-0.7	0.0	0.0	12.5	0.0	0.0	2.3

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
394	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	61.5	1.3	0.4	0.0	0.0	11.3	0.0	0.0	27.4
394	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	61.5	1.3	0.4	0.0	0.0	11.3	0.0	0.0	-157.5
394	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	61.5	1.3	0.4	0.0	0.0	11.3	0.0	0.0	-157.5

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
396	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	62.5	2.0	-0.1	0.0	0.0	11.8	0.0	0.0	21.1
396	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	62.5	2.0	-0.1	0.0	0.0	11.8	0.0	0.0	-162.1
396	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	62.5	2.0	-0.1	0.0	0.0	11.8	0.0	0.0	-162.1

Receiver  
 Name: R06G  
 ID: R06W  
 X: 1398.27 m  
 Y: 771.84 m  
 Z: 108.44 m

Point Source, ISO 9613, Name: "Asphalt Burner and Blower", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
267	1715.54	585.42	101.53	0	D	A	113.7	0.0	0.0	0.0	0.0	62.3	3.0	-1.9	0.0	0.0	6.6	0.0	0.0	43.6
267	1715.54	585.42	101.53	0	N	A	113.7	0.0	-188.0	0.0	0.0	62.3	3.0	-1.9	0.0	0.0	6.6	0.0	0.0	-144.4
267	1715.54	585.42	101.53	0	E	A	113.7	0.0	-188.0	0.0	0.0	62.3	3.0	-1.9	0.0	0.0	6.6	0.0	0.0	-144.4

Point Source, ISO 9613, Name: "Stack and Hopper", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
282	1711.26	594.03	104.54	0	D	A	109.3	0.0	0.0	0.0	-9.4	62.1	1.6	-0.9	0.0	0.0	5.7	0.0	0.0	31.3
282	1711.26	594.03	104.54	0	N	A	109.3	0.0	-188.0	0.0	-9.4	62.1	1.6	-0.9	0.0	0.0	5.7	0.0	0.0	-156.7
282	1711.26	594.03	104.54	0	E	A	109.3	0.0	-188.0	0.0	-9.4	62.1	1.6	-0.9	0.0	0.0	5.7	0.0	0.0	-156.7

Line Source, ISO 9613, Name: "Asphalt Truck - Driving", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
269	1670.76	555.08	99.81	0	DEN	A	69.5	15.9	0.0	0.0	0.0	61.8	1.6	-1.5	0.0	0.0	6.2	0.0	0.0	17.1
271	1778.44	585.05	99.53	0	DEN	A	69.5	15.3	0.0	0.0	0.0	63.5	1.9	-2.5	0.0	0.0	7.3	0.0	0.0	14.5
280	1754.15	578.84	99.52	0	DEN	A	69.5	12.1	0.0	0.0	0.0	63.1	1.9	-2.5	0.0	0.0	7.7	0.0	0.0	11.3
295	1802.80	575.89	99.52	0	DEN	A	69.5	14.9	0.0	0.0	0.0	64.1	2.0	-2.6	0.0	0.0	7.4	0.0	0.0	13.5
301	1737.95	574.22	99.51	0	DEN	A	69.5	12.4	0.0	0.0	0.0	62.9	1.8	-2.4	0.0	0.0	7.8	0.0	0.0	11.8
308	1728.76	571.34	99.51	0	DEN	A	69.5	2.4	0.0	0.0	0.0	62.7	1.8	-2.0	0.0	0.0	7.5	0.0	0.0	1.9
315	1726.09	570.51	99.51	0	DEN	A	69.5	5.8	0.0	0.0	0.0	62.7	1.8	-2.4	0.0	0.0	7.1	0.0	0.0	6.0
326	1724.16	569.90	99.51	0	DEN	A	69.5	-6.3	0.0	0.0	0.0	62.7	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	-6.1
333	1814.76	543.19	99.49	0	DEN	A	69.5	13.6	0.0	0.0	0.0	64.5	2.1	-2.0	0.0	0.0	6.7	0.0	0.0	11.6
338	1811.56	558.44	99.50	0	DEN	A	69.5	9.2	0.0	0.0	0.0	64.4	2.1	-2.4	0.0	0.0	7.2	0.0	0.0	7.5
340	1721.30	569.19	99.51	0	DEN	A	69.5	7.5	0.0	0.0	0.0	62.6	1.8	-2.3	0.0	0.0	7.1	0.0	0.0	7.8
345	1715.72	567.82	99.50	0	DEN	A	69.5	7.7	0.0	0.0	0.0	62.5	1.7	-2.3	0.0	0.0	7.0	0.0	0.0	8.1
350	1712.53	567.04	99.50	0	DEN	A	69.5	-1.3	0.0	0.0	0.0	62.5	1.7	-2.0	0.0	0.0	6.8	0.0	0.0	-0.8
355	1805.44	518.22	99.73	0	DEN	A	69.5	3.7	0.0	0.0	0.0	64.6	2.1	-2.7	0.0	0.0	7.5	0.0	0.0	1.6
357	1807.39	520.53	99.69	0	DEN	A	69.5	5.7	0.0	0.0	0.0	64.6	2.1	-2.8	0.0	0.0	7.5	0.0	0.0	3.6
361	1809.13	522.58	99.65	0	DEN	A	69.5	2.2	0.0	0.0	0.0	64.6	2.1	-2.8	0.0	0.0	7.5	0.0	0.0	0.1
367	1813.39	527.62	99.56	0	DEN	A	69.5	10.6	0.0	0.0	0.0	64.7	2.2	-2.0	0.0	0.0	6.8	0.0	0.0	8.5
369	1700.66	563.74	99.50	0	DEN	A	69.5	9.8	0.0	0.0	0.0	62.3	1.7	-2.0	0.0	0.0	6.8	0.0	0.0	10.5
373	1796.53	508.59	99.72	0	DEN	A	69.5	8.5	0.0	0.0	0.0	64.6	2.1	-2.5	0.0	0.0	7.2	0.0	0.0	6.4
377	1800.75	513.11	99.73	0	DEN	A	69.5	7.3	0.0	0.0	0.0	64.6	2.1	-2.5	0.0	0.0	7.2	0.0	0.0	5.2
381	1803.63	516.20	99.74	0	DEN	A	69.5	4.9	0.0	0.0	0.0	64.6	2.1	-2.7	0.0	0.0	7.5	0.0	0.0	2.8
383	1692.71	561.39	99.50	0	DEN	A	69.5	8.4	0.0	0.0	0.0	62.2	1.7	-2.0	0.0	0.0	6.7	0.0	0.0	9.2
386	1708.71	566.05	99.50	0	DEN	A	69.5	8.5	0.0	0.0	0.0	62.4	1.7	-2.0	0.0	0.0	6.8	0.0	0.0	9.1

Point Source, ISO 9613, Name: "coco loader", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
388	1698.59	609.46	101.06	0	D	A	105.0	0.0	-3.0	0.0	0.0	61.7	1.3	-1.7	0.0	0.0	6.5	0.0	0.0	34.2
388	1698.59	609.46	101.06	0	N	A	105.0	0.0	-188.0	0.0	0.0	61.7	1.3	-1.7	0.0	0.0	6.5	0.0	0.0	-150.8
388	1698.59	609.46	101.06	0	E	A	105.0	0.0	-188.0	0.0	0.0	61.7	1.3	-1.7	0.0	0.0	6.5	0.0	0.0	-150.8

Point Source, ISO 9613, Name: "Truck Loading", ID: "D09_"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
390	1720.72	569.16	102.51	0	D	A	102.1	0.0	-4.8	0.0	0.0	62.6	2.0	-1.6	0.0	0.0	6.3	0.0	0.0	27.9
390	1720.72	569.16	102.51	0	N	A	102.1	0.0	-188.0	0.0	0.0	62.6	2.0	-1.6	0.0	0.0	6.3	0.0	0.0	-155.4
390	1720.72	569.16	102.51	0	E	A	102.1	0.0	-188.0	0.0	0.0	62.6	2.0	-1.6	0.0	0.0	6.3	0.0	0.0	-155.4