



September 22, 2017

Reference No. 11140664

Mr. Vincent Lo
President
280 Herzberg Development Corp.
Kanata, Ontario

Dear Mr. Lo:

**Re: Road Traffic and Stationary Noise Impact Study
280 Herzberg Road, Kanata, Ontario**

1. Introduction

GHD was retained by 280 Herzberg Development Corp. to complete a Noise Impact Study (Study) for the proposed development to be located at 280 Herzberg Road in Kanata, Ontario (Site).

This Study is based on the "issued for SPC and zoning amendment app." site plan dated April 4, 2017, a roof level plan, and "issued for site plan control" building elevations which are included in Attachment A. As shown in these drawings, the proposed development will include one four-storey residential building, with 32 residential units and a communal amenity patio on the roof. This Study references the façades relative to project north, rather than true north.

This Study characterizes the environmental noise exposure levels at the Site in comparison to the Ontario Ministry of the Environment and Climate Change's (MOECC) NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources—Approval and Planning" (August 2013) and the City of Ottawa's (City) "Environmental Noise Control Guidelines" (January 2016). The primary source of noise impacting the site is road traffic on Terry Fox Drive; other noise sources considered in the analysis include road traffic on Herzberg Road, an outdoor power transformer, and mechanical equipment located on the roofs of nearby commercial facilities and the proposed residential building.

Road traffic noise was assessed based on forecast road traffic volumes for the nearby roadways. Stationary noise impacts were evaluated separately for on-site rooftop mechanical equipment, and for off-site mechanical equipment located on the roofs of the nearby commercial buildings at 300 Terry Fox Drive.

This Study concludes that the potential environmental noise impact from road traffic is significant; the proposed development will require air conditioning for the majority of residential units, warning clauses for each unit, and building exterior components designed to achieve the indoor sound level targets of NPC-300.



The following attachments are included with this Study:

- Attachment A – Key Plan (with stationary source and point of reception locations), Site Plan (with worst-case traffic noise impacts), Roof Plan (showing rooftop amenity patio), and Building Elevations
- Attachment B – Traffic Noise Impact Summary Table & STAMSON Model Outputs
- Attachment C – Stationary Noise Impact Summary & Sample CadnaA Model Outputs
- Attachment D – City of Ottawa Phase 2 Noise Study Requirements Checklist

2. Land Development and Site Conditions

The site is located in a Class 1 area, as defined by NPC-300 as an area with an acoustical environment typical of a major population centre, where background sound level is dominated by human activities.

The Site has two roadways in the vicinity of the development: Terry Fox Drive and Herzberg Road. The City of Ottawa classifies Terry Fox Drive as a 2-lane urban arterial road, and it is located approximately 18 m southwest of the proposed building. The City of Ottawa classifies Herzberg Road as a local road that will remain a dead end. This was confirmed with the City by e-mail, as shown in Attachment B. Conservative estimates of road traffic volumes on this road have been considered in the analysis at the request of the City.

The noise impact from off-site stationary noise sources located at adjacent buildings were evaluated at the Site as well as self-contamination façade noise impacts from rooftop mechanical equipment and a pad-mounted power transformer.

There is a CN rail line within 300 m of the site. However, CN has confirmed that this rail line is inactive. This confirmation is included in Attachment B.

3. Road Traffic Analysis

3.1 Road Traffic Noise Modeling Methodology

The road traffic noise impact was conducted using STAMSON, the MOECC's computerized model of ORNAMENT. The Application of the model for the site was consistent with the ORNAMENT technical documents. The computer model input parameters include, among other data, the number of road segments, number of house rows, the positional relationship of the receptor to a noise source or barrier in terms of distance, elevation and angle of exposure to the source, the basic site topography, the ground surface type, traffic volumes, traffic composition and speed limit.

The predicted sound level is based on the 1-hour equivalent sound level, designated as Leq, and is adjusted by the STAMSON program to the 16-hour daytime and the 8-hour nighttime equivalent sound level. The applicable noise criteria for noise sensitive spaces are specified in terms of the 16-hour daytime



period (7:00 a.m. to 11:00 p.m.) and 8-hour nighttime period (11:00 p.m. to 7:00 a.m.) enabling a direct comparison between the STAMSON model output and the noise limits.

The noise attenuation and diffraction from the building edge was approximated in the Stamson program using a first row density of 80%. This percentage was validated using the CadnaA acoustic modelling software.

3.2 Road Traffic Model Input Parameters

This section describes the STAMSON model input parameters used to predict road traffic noise impact for the Site.

3.2.1 Road Traffic Parameters

Appendix B of the City of Ottawa's 2016 Environmental Noise Control Guideline has provided the following information for Terry Fox Drive:

Terry Fox Drive

- AADT: 15,000
- Commercial Vehicle Rates: 7 percent medium trucks and 5 percent heavy trucks
- Posted Speed Limit: 60 km/h
- Day Night Splits: 92 percent day and 8 percent night

In order to assess noise from Herzberg Road, which is a local road, the following information was used based on estimates of traffic from primarily residents of the proposed development and other homes on Herzberg Road:

Herzberg Road

- AADT: 960 (40 vehicles per hour)
- Commercial Vehicle Rates: 0 percent medium trucks and 0 percent heavy trucks
- Posted Speed Limit: 50 km/h
- Day Night Splits: 67 percent day and 33 percent night

3.3 Road Traffic Noise Modeling Results

GHD calculated the Plane of Window (POW) worst-case noise exposure for each façade of the condominium for the separate daytime and nighttime periods. The STAMSON road traffic model outputs are provided in Attachment B.



Point of Reception	Modelled Impact Day / Night (dBA)
North Façade	65 / 58
East Façade	51 / 48
South Façade	66 / 58
West Façade	69 / 62
Rooftop OLA	59

Note that the STAMSON computerized model is not designed to account for some types of geometry (i.e., Rooftop OLA setback from the roof edge, with additional noise shielding by building structures on top of the roof). The noise attenuation and diffraction from the building edge was approximated in the Stamson program using a first row density of 80%. This percentage was validated using the CadnaA acoustic modelling software.

3.4 Road Traffic Modeling Discussion

Noise control requirements are defined based on NPC-300. Plane of Window (POW) noise predictions are used to determine performance requirements for the building exterior components, and ventilation requirements. Predictions at representative locations in OLAs are used to specify screening/barrier requirements.

Plane of a Window Assessment (NPC-300, Sections C7.1.2 and C7.1.3)

The predicted daytime and nighttime POW noise impact assumes a worst-case and direct line of sight noise exposure to both roads, unless the condominium itself blocks line-of-sight (full or partial).

The following table summarizes NPC-300 POW noise impact requirements:

Daytime Level (dBA)	Nighttime Level (dBA)	Special Building Components	Ventilation Requirements and Warning Clauses
55 or less	50 or less	Not Required	Not Required
56 - 65	51 – 60	Not Required	Provisions for Air Conditioning, with Warning Clause Type C
66 or more	61 or more	Yes	Air Conditioning Required, with Warning Clause Type D

Table B.1 (Attachment B) is a concise summary of the predicted worst-case road noise levels and the building component and ventilation requirements for each of the proposed residential units.

Outdoor Living Area Assessment (NPC-300, Section C7.1.1)

NPC-300 section A5 (pages 13-14) defines an Outdoor Living Area (OLA). Based on this definition, a private balcony is only considered as an OLA if it is the only possible OLA for the occupant. This



development includes a Rooftop OLA that all residents will have access to; thus, the private balconies are not considered OLAs.

The following table summarizes the OLA noise impact requirements of NPC-300:

Daytime Level (dBA)	Warning Clauses	Special Building Components
55	Not Required	Not Required
55 – 60	Warning Clause Type A	Not Required
60 or more	Warning Clause Type B	Yes, Barrier or Berm

The predicted daytime noise level from road traffic at the Rooftop OLA is 59 dBA. Thus, mitigation controls to protect the OLA against road traffic noise are not required, provided warning clause Type A is included in the relevant purchase/tenancy documents (see section 5 of this Study).

4. Stationary Noise Impact Analysis

4.1 Stationary Noise Impact Sound Level Criteria

The general criteria for stationary noise sources are defined by NPC-300. The criteria defined in Table C-5 and C-6, "Exclusion Limit Values of One-Hour Equivalent Sound Level (Leq, dBA) Outdoor Points of Reception" and "Exclusion Limit Values of One-Hour Equivalent Sound Level (Leq, dBA) Plane of Window of Noise Sensitive Spaces" is used to evaluate the noise impact at the proposed development.

The criteria for a Class 1 area have been summarized below:

Receiver Category	Time Period	Stationary Noise Criteria
Plane of Window (POW)	Day = 7:00 to 23:00	Leq = 50 dBA
	Night = 23:00 to 7:00	Leq = 45 dBA
Outdoor Living Area (OLA)	Day = 7:00 to 23:00	Leq = 50 dBA

The road traffic analysis determined that the sound levels are elevated above the minimum MOECC limits. However, as the stationary noise impacts were below the minimum criteria no elevated criteria were necessary.

4.2 Modelling Methodology

The stationary noise impact from the adjacent office buildings and the on-site noise sources for the proposed development were evaluated using the CadnaA acoustic modelling software, which is based on the ISO 9613-2 standard. Topographic contours were from the Digital Raster Acquisition Project – East, to account for the change in elevation at and surrounding the Site.



4.3 Noise Impact Summary

The following noise sources were considered in the analysis, with the approximate locations shown on Figure C1. Information regarding the off-site HVAC equipment was obtained through Francis HVAC Services Limited, their confirmation e-mail is included in Attachment C. GHD has selected representative sound level data and locations for the on-site equipment, which are intended to represent the likely worst case noise impact. The sound level data is summarized in Attachment C. A standard 50% duty cycle was applied to the HVAC units during the nighttime hours.

On-Site:

- 32 Condensing Units (~3 Tons)
- 1 Rooftop HVAC unit (~2000 cfm)
- 1 Transformer (~300 MVA)

Off-Site (300 Terry Fox Drive):

- 30 Rooftop HVAC units (York DJ036)

4.3.1 On-Site Noise Impact Summary

The steady state noise impact on the Site is below the applicable sound level limits, as shown in the table below. These predictions include impacts from the on-site and off-site stationary noise sources.

Location	Worst Case Sound Level (Day / Night)	Sound Level Limit (Day / Night)	Within limits?
North Façade	44 / 41	50 / 45	Yes
East Façade	44 / 41	50 / 45	Yes
South Façade	33 / 30	50 / 45	Yes
West Façade	39 / 36	50 / 45	Yes
Rooftop OLA	43 / 40	50 / N/A	Yes

Based on these predictions, stationary noise impacts at the facades and Rooftop OLA of the proposed development are within the applicable limits described in NPC-300.

4.3.2 Off-Site Noise Impact Summary

The closest noise sensitive receptors to the Site are a number of detached, two-storey residences approximately 100 m north of the Site. The predicted noise impact from the Site on the closest two Points of Reception (POR) due to the Site's equipment are summarized below. POR1 is a two-storey residence located at 298 Herzberg Road and POR2 is a two-storey residence located at 295 Herzberg Road.



Location	Worst Case Sound Level (Day/Night)	Sound Level Limit (Day/Night)	Within limits?
POR1 - POW	18 / 15	50 / 45	Yes
POR1 - OLA	19 / 17	50 / N/A	Yes
POR2 - POW	24 / 22	50 / 45	Yes
POR2 - OLA	23 / 21	50 / N/A	Yes

Based on these predictions, noise impacts at the facades of the nearest residences from the stationary noise sources at the proposed development are within the applicable guideline limits of NPC-300.

5. Recommendations

Building Exterior Components (NPC-300, Sections C7.1.1 and C7.1.3)

As a minimum, the building must be constructed in accordance with the requirements of the Ontario Building Code. Predicted worst-case noise levels are high at some of the facades of the proposed building, and will require building exterior components designed to achieve sound insulation performance targets (STC ratings) in some locations. STC rating specifications are included in Table B.1 (Attachment B), where applicable, and are based on the methods outlined in the National Research Council document BPN 56 "Controlling Sound Transmission Into Buildings" (1985).

Based on the indicated Rooftop OLA location, additional noise barriers to screen the OLA from road traffic noise are not required, provided that warning clause Type A is included in the relevant purchasing/tenancy agreements (see below). Minimum setback distances for the OLA from the roof edge are noted on the roof plan in Attachment A.

Ventilation Requirements (NPC-300, Section C7.1.2)

Based on the predicted worst-case noise levels at the building facades of the proposed development, air conditioning will be required for some residential units in the building. Ventilation requirements are summarized in Table B.1 (Attachment B) for each residential unit.

Warning Clauses

The City of Ottawa Noise Control Guidelines include the warning clauses listed below, which should be included in agreements of Offers of Purchase and Sale, lease/rental agreements, and condominium declarations. Table B.1 in Attachment B indicates which of these warning clauses apply to each residential unit in the proposed development.

Warning Clause Type A: Purchasers/tenants are advised that sound levels due to increasing road traffic may occasionally interfere with some outdoor activities as the sound levels exceed the sound level limits of the City and the Ministry of the Environment.



The following Type C and Type D warnings are required for the majority of the units. However, as the development is including air conditioning only the Type D warning clause as it supersedes the Type C warning clause.

Warning Clause Type C: Purchasers/tenants are advised that sound levels due to road traffic will interfere with outdoor activities as the sound levels exceed the sound level limits of the City and the Ministry of the Environment and Climate Change. This dwelling unit has also been designed with the provision for adding central air conditioning at the occupant's discretion. Installation of central air conditioning will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the City and the Ministry of the Environment and Climate Change.

Warning Clause Type D: Purchasers/tenants are advised that sound levels due to road traffic will interfere with outdoor activities as the sound levels exceed the sound level limits of the City and the Ministry of the Environment and Climate Change. This dwelling unit has been supplied with a central air conditioning system and other measures which will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the City and the Ministry of the Environment and Climate Change.

On-Site Stationary Noise Sources

Based on GHD's modelling of stationary noise sources, predicted noise levels at the worst-case on-site and off-site residential receptors are within the applicable guideline limits of NPC-300. It is noted that GHD's model is preliminary, and is based on representative data for the planned equipment. The CadnaA analysis should be updated once the equipment selections and locations for the project have been finalized.



6. Conclusions

The results of this Study indicate that the potential environmental impact from road traffic is significant. Mitigation measures will be required including ventilation requirements, noise warning clauses for each unit, and enhanced building components. Based on GHD's modelling of the current activities that occur off-site, the potential stationary noise impacts from existing adjacent commercial operations are below the applicable MOECC limits; noise impacts from the Site's stationary noise sources are also below the applicable MOECC limits based on GHD's modelling at the Site itself and to the nearby residences.

Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

GHD

Prepared by

A handwritten signature of Matthew Brenner is placed over the prepared by line.

Matthew Brenner, BASc

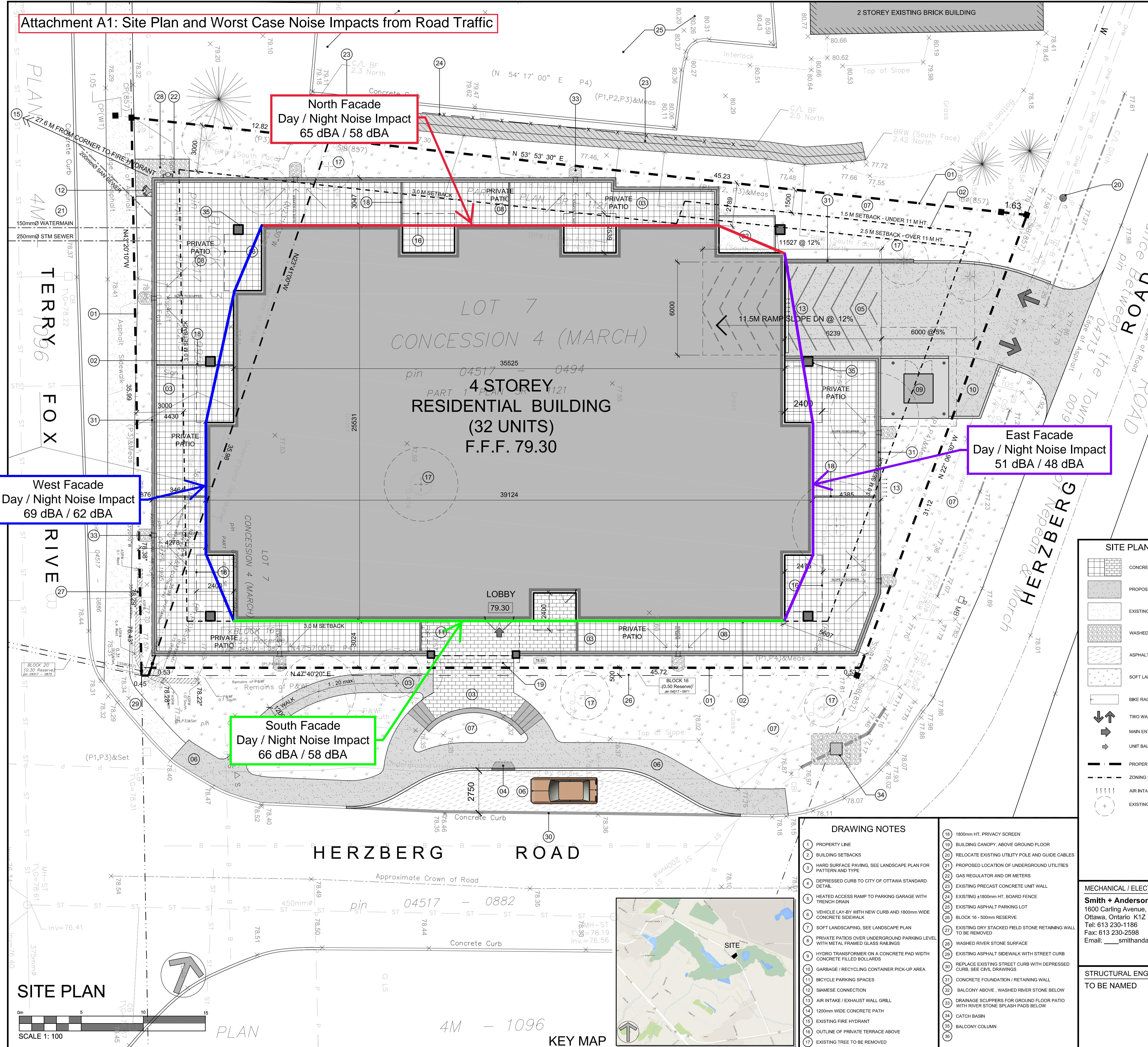
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Encl.



Attachment A

Attachment A1: Site Plan and Worst Case Noise Impacts from Road Traffic



PROJECT INFORMATION

ZONING-BY-LAW 2008-250 R5C[1886(H25) & IP6(1549)]	1,698.66 sq. m. 18,284 sq. ft.
SITE AREA	78.03 m. 25.0 m.
GRADE (GEODETIC ELEVATION)	6.0 sq. m.
BUILDING HEIGHT	30% 3.0 M
AMENITY AREA PER DWELLING UNIT	3.0 M
LANDSCAPE AREA	FRONT YARD SETBACK CORNER YARD SETBACK REAR YARD SETBACK INTERIOR SIDE YARD SETBACK (VARIES)
FRONT YARD SETBACK	3.0 M
CORNER YARD SETBACK	3.0 M
REAR YARD SETBACK	1.5, 2.5 & 6.0 M
INTERIOR SIDE YARD SETBACK (VARIES)	

IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND TO REPORT ALL ERRORS AND/OR OMISSIONS TO THE ARCHITECT.
ALL CONTRACTORS MUST COMPLY WITH ALL PERMIT REQUIREMENTS AND BY-LAWS.
THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.
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(82)	INDICATES WINDOW TYPE; REFER TO WINDOW ELEVATIONS AND DETAILS ON A900 SERIES.
(83)	INDICATES DOOR TYPE; REFER TO DOOR SCHEDULE AND DETAILS ON A900 SERIES.
(84)	DETAIL NUMBER
(85)	TITLE
(86)	SCALE
(87)	DETAIL REFERENCE PAGE
(88)	DETAIL CROSS REFERENCE PAGE

PROJECT STATISTICS

AMENITY SPACE	PRIVATE BALCONY = 568 sq. m. COMMUNAL INTERIOR = 37.1 sq. m. EXTERIOR AT GROUND = 0.0 sq. m.
	TOTAL = 605.1 sq. m.
SITE COVERAGE	BUILDING FOOTPRINT = 54.4% DRIVING SURFACE = 4.7% LANDSCAPE AREA = 48.9% TOTAL = 100.0% 1,680.7 sq. m.
GROSS BUILDING FLOOR AREA (OTTAWA ZONING DEFINITION)	1423 sq. m. 15,312 sq. ft.
PARKING LEVEL - P1	605.73 sq. m. 6,520 sq. ft.
GROUND FLOOR	3 x 760.4 sq. m. 3 x 8,240 sq. ft.
2nd - 4th FLOOR	2,341.2 sq. m. 25,200 sq. ft.
TOTAL AREA ABOVE GRADE	2,946.9 sq. m. 31,720 sq. ft.

UNIT STATISTICS

1 BEDROOM UNIT	15
2 BEDROOM UNIT	17
TOTAL	32
CAR PARKING	
REQUIRED	
RESIDENCE	- 1.0 PER UNIT (32 UNITS)
VISITOR	- 0.2 PER UNIT (32 UNITS)
TOTAL	38
PROVIDED	
RESIDENCE	- 1.05 PER UNIT (32 UNITS)
VISITOR	- 0.065 PER DWELLING UNIT
TOTAL	39
BICYCLE PARKING	
REQUIRED	- 0.5 PER UNIT (32 UNITS)
PROVIDED	
INTERIOR	
EXTERIOR	

PROJECT DEVELOPER

280 Herzberg Development Corp., 118 Iber Road, Ottawa, ON, K2S 1E9 Tel: 613-836-3070 Fax: 613-836-3065
2 ISSUED FOR SPC & ZONING AMENDMENT APP: Apr. 4, 17
3 ISSUED FOR DESIGN CONCEPT Nov. 16, 18
No. DESCRIPTION DATE
REVISIONS: ARCHITECT SEAL: ONTARIO ASSOCIATED ARCHITECTS LICENCE #475 NORTH ARROW:

LEGAL DESCRIPTION

SURVEYOR'S REAL PROPERTY REPORT PART 1 Plan of PART OF BLOCK 3 REGISTERED PLAN 4M-1096 and PART OF LOT 7 CONCESSION 4 Geographic Township of March CITY OF OTTAWA
SURVEYOR
Annis O'Sullivan Vollebekk Ltd. Ontario Land Surveyors 14 Concourse Gate, Suite 500, Nepean, Ontario K2E 7S6 Tel: (613) 727-0850 Fax: (613) 727-1079 EMAIL: Andy@aovltd.com
PLANNER
Novatech Eng. Consultants Limited 200 - 240 Michael Cowpland Drive Ottawa, Ontario, K2M 1P6 Tel: 613-254-9643 Fax: 613-254-5867 Email: a.thompson@novatech-eng.com Email: m.chown@novatech-eng.com

MECHANICAL / ELECTRICAL ENGINEER

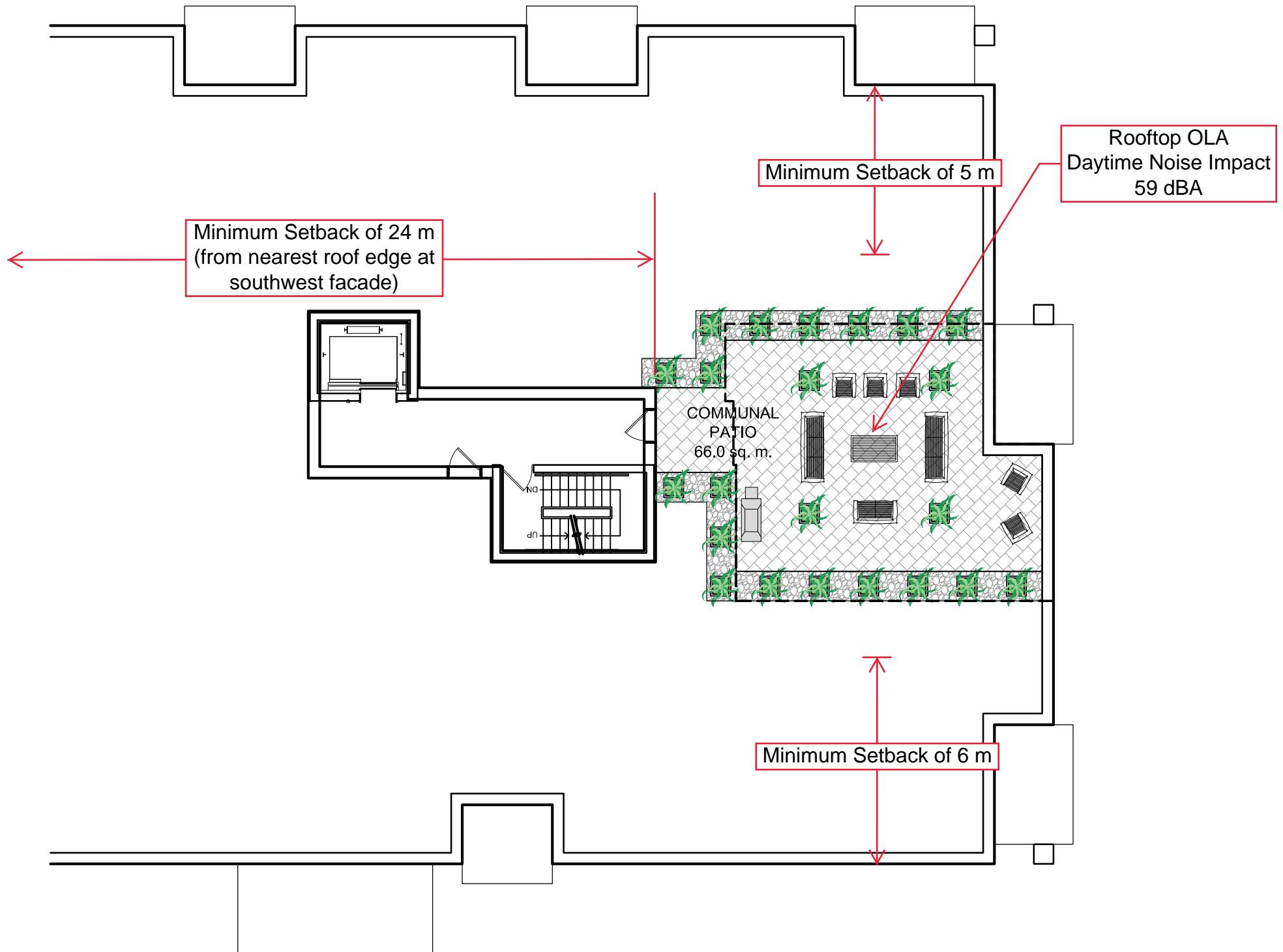
Smith + Anderson 1600 Carling Avenue, Suite 530 Ottawa, Ontario K1Z 1G3 Tel: 613-230-1186 Fax: 613-230-2598 Email: smithandersonsen.com
LANDSCAPE ARCHITECT
James B. Lennox & Associates Inc. 3332 Carling Ave., Ottawa, Ontario K2H 5A8 Tel: 613-722-5168 Fax: 1-866-343-3942 Email: JL@jbla.ca
STRUCTURAL ENGINEER
TO BE NAMED

CIVIL ENGINEER

David Schaeffer Engineering Ltd. 120 Iber Road, Unit 203 Stittsville, ON K2S 1E9 Tel: (613) 836-0856 Fax: (613) 836-7183 Email: afobert@DSEL.ca
DRAWN: RV
CHECKED: R.L.A.
SCALE: 1:100
PROJECT No. 1610

F:\2016\1610 280 Herzberg Road\01_Design Development\1610 SP-1 Site Plan March24.dwg

Attachment A2: Roof Plan with Rooftop OLA Noise Impact from Road Traffic



Attachment A3: Building Elevations

S THE RESPONSIBILITY OF THE APPROPRIATE
NTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS
SITE AND TO REPORT ALL ERRORS AND/OR
ISSIONS TO THE ARCHITECT.

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 - INDICATES DOOR TYPE; REFER TO DOOR SCHEDULE AND DETAILS ON A900 SERIES.

— DETAIL NUMBER

TITLE
SCALE

— DETAIL REFERENCE PAGE

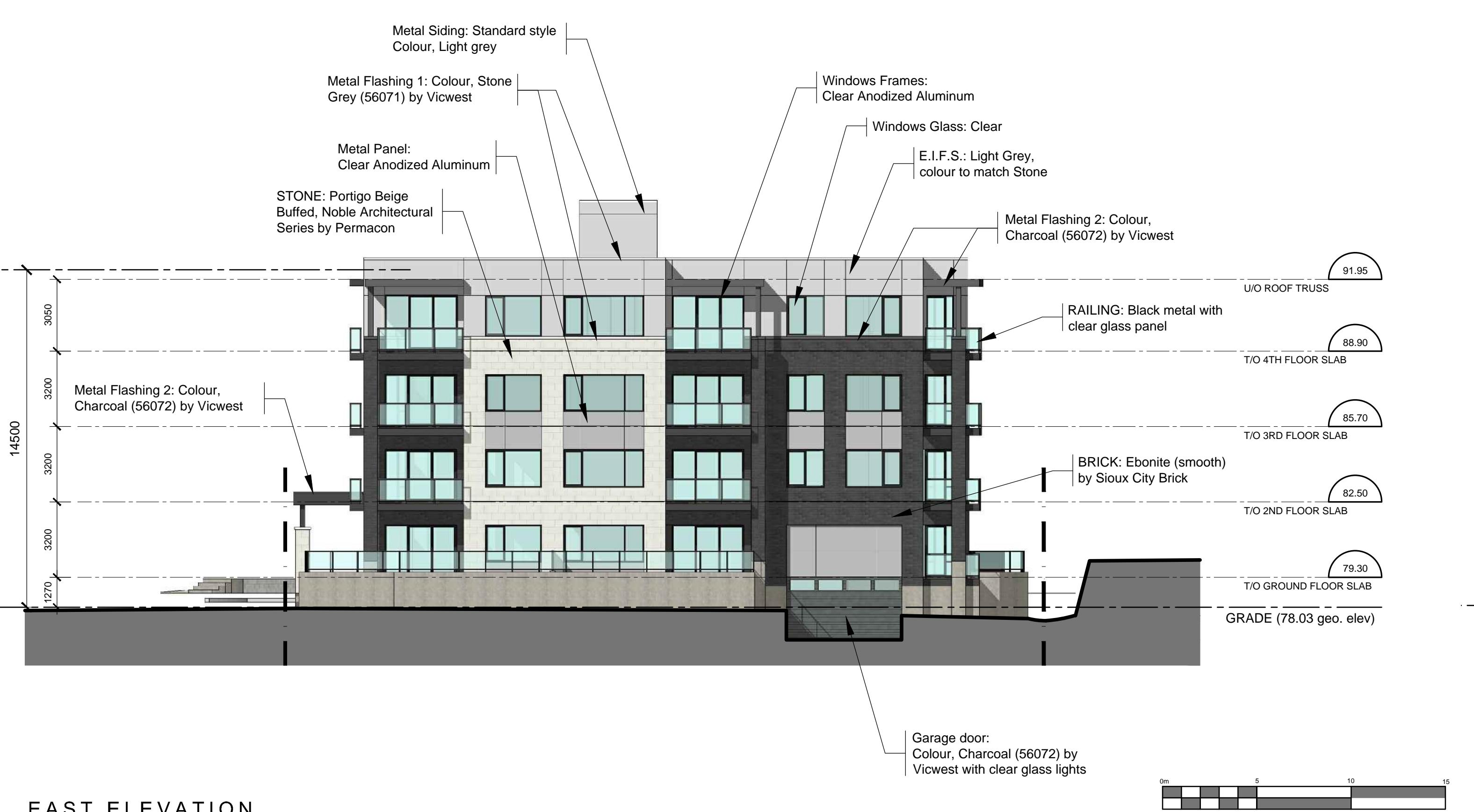
— DETAIL CROSS REFERENCE PAGE



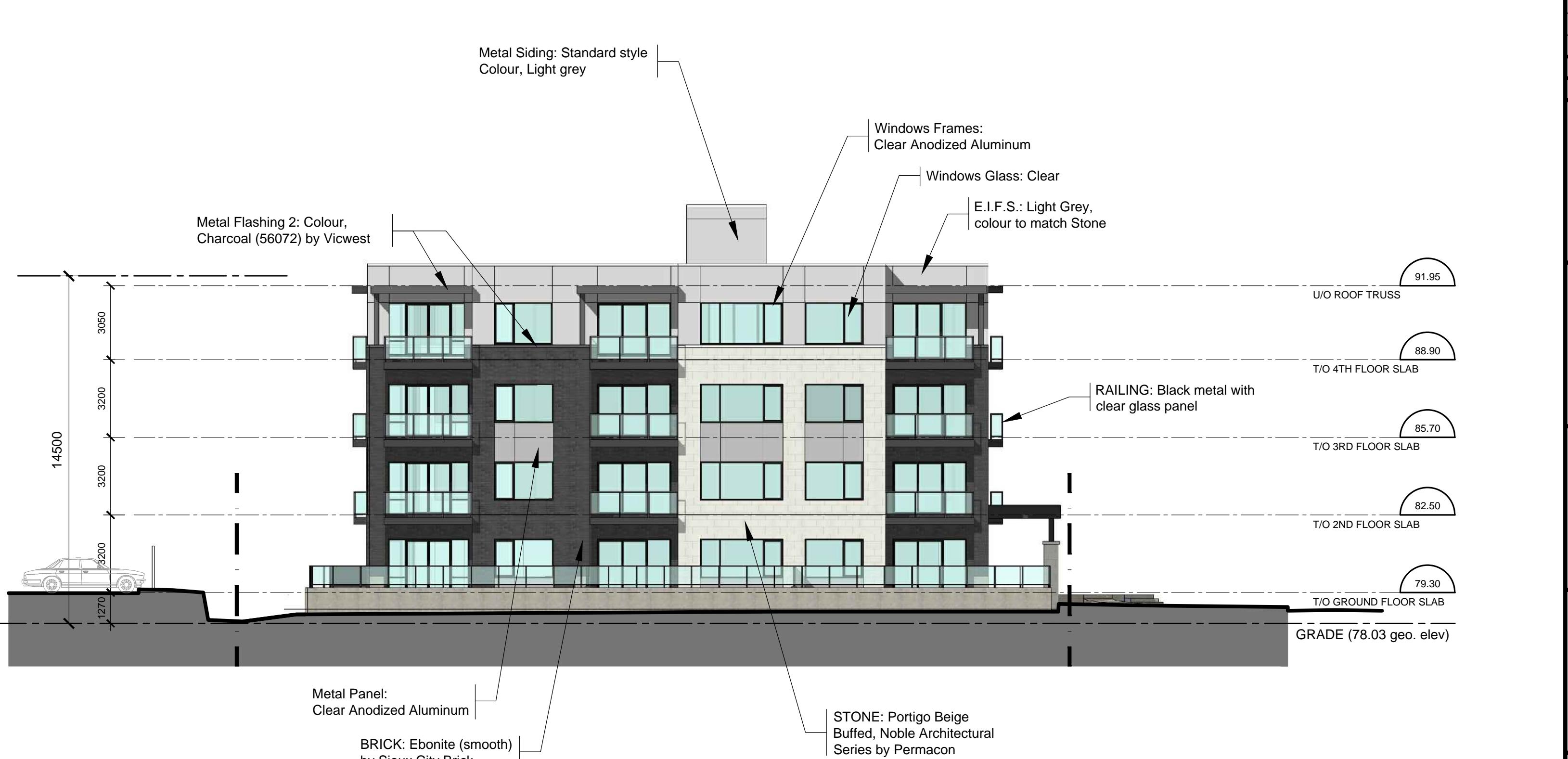
SOUTH ELEVATION



NORTH ELEVATION



EAST ELEVATION



WEST ELEVATION

ISSUED FOR SITE PLAN CONTROL	Apr. 04, 17
ISSUED FOR DESIGN CONCEPT	Nov __, 16
DESCRIPTION	DATE
DIVISIONS:	
ARCHITECT SEAL:	NORTH ARROW:
	

280 Herzberg Development Corp.

RODERICK LAHEY
R C H I T E C T I N C
Beech Street, Ottawa, Ontario K1S 3J6
3.724.9932 f.613.724.1209 www.rodericklahey.ca

80 HERZBERG

LDING ELEVATIONS

WN:	CHECKED: R.L.A.
LE:	SHEET No.
50	A-02
JECT No. 610	

Attachment B

Table B.1

Road Noise Modelling Results
280 Herzberg Road
Kanata, Ontario

Point-of-Reception ID	Point-of-Reception Description	Sound Level at Point-of-Reception (Day) (Average Leq)	Sound Level at Point-of-Reception (Night) (Average Leq)	Ventilation Requirements NPC-300	Warning Clauses NPC-300	Exterior Building Components ⁽¹⁾
Ground Floor						
Suite 101	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
	South Façade	65.5 (dBA)	58.1 (dBA)			
Suite 102	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite 103	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite 104	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 105	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 106	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 107	East Façade	50.9 (dBA)	47.9 (dBA)	Not Required	Type A	Compliance with Ontario Building Code
Suite 108	East Façade	50.9 (dBA)	47.9 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
	South Façade	65.5 (dBA)	58.1 (dBA)			
Second Floor						
Suite 201	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
	South Façade	65.5 (dBA)	58.1 (dBA)			
Suite 202	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite 203	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite 204	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 205	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 206	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 207	East Façade	50.9 (dBA)	47.9 (dBA)	Not Required	Type A	Compliance with Ontario Building Code
Suite 208	East Façade	50.9 (dBA)	47.9 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
Suite 209	South Façade	65.5 (dBA)	58.1 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
	South Façade	65.5 (dBA)	58.1 (dBA)			
Third Floor						
Suite 301	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
	South Façade	65.5 (dBA)	58.1 (dBA)			
Suite 302	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite 303	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite 304	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 305	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 306	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite 307	East Façade	50.9 (dBA)	47.9 (dBA)	Not Required	Type A	Compliance with Ontario Building Code
Suite 308	East Façade	50.9 (dBA)	47.9 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
Suite 309	South Façade	65.5 (dBA)	58.1 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
	South Façade	65.5 (dBA)	58.1 (dBA)			
Fourth Floor						
Suite PH1	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
Suite PH2	West Façade	69.2 (dBA)	61.6 (dBA)	Air Conditioning Required	Type A, Type D	Minimum Window STC Rating of 30
	North Façade	65.1 (dBA)	57.6 (dBA)			
Suite PH3	North Façade	65.1 (dBA)	57.6 (dBA)	Provisions for Air Conditioning	Type A, Type C	Compliance with Ontario Building Code
Suite PH4	East Façade	50.9 (dBA)	47.9 (dBA)	Not Required	Type A	Compliance with Ontario Building Code
Suite PH5	East Façade	50.9 (dBA)	47.9 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
Suite PH6	South Façade	65.5 (dBA)	58.1 (dBA)	Air Conditioning Required	Type A, Type D	Compliance with Ontario Building Code
	South Façade	65.5 (dBA)	58.1 (dBA)			
	West Façade	69.2 (dBA)	61.6 (dBA)			
Rooftop						
Outdoor Living Area	Patio	58.6 (dBA)	52.2 (dBA)	---	---	---

Note:

(1) Compliance with the Ontario Building Code is approximately equivalent to a minimum STC rating of 25 for windows and 37 for walls.

Brenner, Matthew

To: CONTACT
Subject: RE: Rail Traffic Inquiry (CID:j83\$jdww17w9zpmwkd)

From: CONTACT [<mailto:contact@cn.ca>]
Sent: Monday, February 06, 2017 4:25 PM
To: Brenner, Matthew
Subject: RE: Rail Traffic Inquiry ([CID:j83\\$jdww17w9zpmwkd](#))

Good day Matthew,

Thank you for contacting CN's public inquiry line. CN does not have any freight trains pass through the Beachburg Subdivision in Kanata ON. This is now an inactive line.

Regards,

Nadia
CN Public Inquiries
Renseignements généraux du **CN**
1-888-888-5909
contact@cn.ca

STAMSON 5.0 NORMAL REPORT Date: 31-08-2017 11:05:59
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: N.te Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: Terry Fox Dr (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 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): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Terry Fox Dr (day/night)

Angle1 Angle2 : 0.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 23.00 / 23.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Herzberg Rd (day/night)

Car traffic volume : 640/320 veh/TimePeriod
Medium truck volume : 0/0 veh/TimePeriod
Heavy truck volume : 0/0 veh/TimePeriod
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Herzberg Rd (day/night)

Angle1 Angle2 : -90.00 deg 0.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 60.00 / 60.00 m

Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Terry Fox Dr (day)

Source height = 1.50 m

ROAD (0.00 + 65.13 + 0.00) = 65.13 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

0 90 0.00 70.00 0.00 -1.86 -3.01 0.00 0.00 0.00 65.13

Segment Leq : 65.13 dBA

Results segment # 2: Herzberg Rd (day)

Source height = 0.50 m

ROAD (0.00 + 39.09 + 0.00) = 39.09 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 0 0.00 48.12 0.00 -6.02 -3.01 0.00 0.00 0.00 39.09

Segment Leq : 39.09 dBA

Total Leq All Segments: 65.14 dBA

Results segment # 1: Terry Fox Dr (night)

Source height = 1.50 m

ROAD (0.00 + 57.53 + 0.00) = 57.53 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

0 90 0.00 62.40 0.00 -1.86 -3.01 0.00 0.00 0.00 57.53

Segment Leq : 57.53 dBA

Results segment # 2: Herzberg Rd (night)

Source height = 0.50 m

ROAD (0.00 + 39.09 + 0.00) = 39.09 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	0	0.00	48.12	0.00	-6.02	-3.01	0.00	0.00	0.00	39.09
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Segment Leq : 39.09 dBA

Total Leq All Segments: 57.59 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 65.14

(NIGHT): 57.59

STAMSON 5.0 NORMAL REPORT Date: 31-08-2017 11:05:19
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: E.te Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: Terry Fox Dr (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 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): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Terry Fox Dr (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 57.00 / 57.00 m
Receiver height : 13.00 / 13.00 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 90.00 deg
Barrier height : 15.00 m
Barrier receiver distance : 1.00 / 1.00 m

Barrier to represent
15 m tall building

Road data, segment # 2: Herzberg Rd (day/night)

Car traffic volume : 640/320 veh/TimePeriod
Medium truck volume : 0/0 veh/TimePeriod
Heavy truck volume : 0/0 veh/TimePeriod
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Herzberg Rd (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 : 16.00 / 16.00 m
Receiver height : 13.00 / 13.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Terry Fox Dr (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
1.50 ! 13.00 ! 12.80 ! 12.80

ROAD (0.00 + 48.77 + 0.00) = 48.77 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.00 70.00 0.00 -5.80 0.00 0.00 0.00 -15.43 48.77

Segment Leq : 48.77 dBA

Results segment # 2: Herzberg Rd (day)

Source height = 0.50 m

ROAD (0.00 + 46.88 + 0.00) = 46.88 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.34 48.12 0.00 -0.38 -0.87 0.00 0.00 0.00 46.88

Segment Leq : 46.88 dBA

Total Leq All Segments: 50.94 dBA

Results segment # 1: Terry Fox Dr (night)

Source height = 1.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
1.50 ! 13.00 ! 12.80 ! 12.80

ROAD (0.00 + 41.18 + 0.00) = 41.18 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.00 62.40 0.00 -5.80 0.00 0.00 0.00 -15.43 41.18

Segment Leq : 41.18 dBA

Results segment # 2: Herzberg Rd (night)

Source height = 0.50 m

ROAD (0.00 + 46.88 + 0.00) = 46.88 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.34 48.12 0.00 -0.38 -0.87 0.00 0.00 0.00 46.88

Segment Leq : 46.88 dBA

Total Leq All Segments: 47.92 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 50.94
(NIGHT): 47.92

STAMSON 5.0 NORMAL REPORT Date: 31-08-2017 11:07:29
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: S.te Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: Terry Fox Dr (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 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): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Terry Fox Dr (day/night)

Angle1 Angle2 : 0.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 21.00 / 21.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Herzberg Rd (day/night)

Car traffic volume : 640/320 veh/TimePeriod
Medium truck volume : 0/0 veh/TimePeriod
Heavy truck volume : 0/0 veh/TimePeriod
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Herzberg Rd (day/night)

Angle1 Angle2 : -90.00 deg 0.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 18.00 / 18.00 m

Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Terry Fox Dr (day)

Source height = 1.50 m

ROAD (0.00 + 65.52 + 0.00) = 65.52 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

0	90	0.00	70.00	0.00	-1.46	-3.01	0.00	0.00	0.00	65.52
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Segment Leq : 65.52 dBA

Results segment # 2: Herzberg Rd (day)

Source height = 0.50 m

ROAD (0.00 + 44.32 + 0.00) = 44.32 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	0	0.00	48.12	0.00	-0.79	-3.01	0.00	0.00	0.00	44.32
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Segment Leq : 44.32 dBA

Total Leq All Segments: 65.55 dBA

Results segment # 1: Terry Fox Dr (night)

Source height = 1.50 m

ROAD (0.00 + 57.93 + 0.00) = 57.93 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

0	90	0.00	62.40	0.00	-1.46	-3.01	0.00	0.00	0.00	57.93
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Segment Leq : 57.93 dBA

Results segment # 2: Herzberg Rd (night)

Source height = 0.50 m

ROAD (0.00 + 44.32 + 0.00) = 44.32 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	0	0.00	48.12	0.00	-0.79	-3.01	0.00	0.00	0.00	44.32
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Segment Leq : 44.32 dBA

Total Leq All Segments: 58.12 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 65.55

(NIGHT): 58.12

STAMSON 5.0 NORMAL REPORT Date: 31-08-2017 11:06:42
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: W.te Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: Terry Fox Dr (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 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): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Terry Fox Dr (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 18.00 / 18.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Herzberg Rd (day/night)

Car traffic volume : 640/320 veh/TimePeriod
Medium truck volume : 0/0 veh/TimePeriod
Heavy truck volume : 0/0 veh/TimePeriod
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Herzberg Rd (day/night)

Angle1 Angle2 : -90.00 deg -60.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 26.00 / 26.00 m

Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Terry Fox Dr (day)

Source height = 1.50 m

ROAD (0.00 + 69.20 + 0.00) = 69.20 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	90	0.00	70.00	0.00	-0.79	0.00	0.00	0.00	69.20
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Segment Leq : 69.20 dBA

Results segment # 2: Herzberg Rd (day)

Source height = 0.50 m

ROAD (0.00 + 37.95 + 0.00) = 37.95 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	-60	0.00	48.12	0.00	-2.39	-7.78	0.00	0.00	0.00	37.95
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Segment Leq : 37.95 dBA

Total Leq All Segments: 69.20 dBA

Results segment # 1: Terry Fox Dr (night)

Source height = 1.50 m

ROAD (0.00 + 61.61 + 0.00) = 61.61 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	90	0.00	62.40	0.00	-0.79	0.00	0.00	0.00	61.61
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Segment Leq : 61.61 dBA

Results segment # 2: Herzberg Rd (night)

Source height = 0.50 m

ROAD (0.00 + 37.95 + 0.00) = 37.95 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	-60	0.00	48.12	0.00	-2.39	-7.78	0.00	0.00	0.00	37.95
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Segment Leq : 37.95 dBA

Total Leq All Segments: 61.63 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 69.20

(NIGHT): 61.63

STAMSON 5.0 NORMAL REPORT Date: 01-09-2017 11:30:49
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola.te Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: Terry Fox Dr (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 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): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Terry Fox Dr (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 1 / 1
House density : 80 %
Surface : 2 (Reflective ground surface)
Receiver source distance : 53.00 / 53.00 m
Receiver height : 16.50 / 16.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Herzberg Rd (day/night)

Car traffic volume : 640/320 veh/TimePeriod
Medium truck volume : 0/0 veh/TimePeriod
Heavy truck volume : 0/0 veh/TimePeriod
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Herzberg Rd (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)

Receiver source distance : 24.00 / 24.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 90.00 deg
Barrier height : 0.50 m
Barrier receiver distance : 6.00 / 6.00 m
Source elevation : 0.00 m
Receiver elevation : 15.00 m
Barrier elevation : 15.00 m
Reference angle : 0.00

Results segment # 1: Terry Fox Dr (day)

Source height = 1.50 m

ROAD (0.00 + 58.54 + 0.00) = 58.54 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.00 70.00 0.00 -5.48 0.00 0.00 -5.97 0.00 58.54

Segment Leq : 58.54 dBA

Results segment # 2: Herzberg Rd (day)

Source height = 0.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)

+ + + +
0.50 ! 1.50 ! -2.50 ! 12.50

ROAD (0.00 + 33.80 + 0.00) = 33.80 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.00 48.12 0.00 -2.04 0.00 0.00 0.00 -12.28 33.80

Segment Leq : 33.80 dBA

Total Leq All Segments: 58.55 dBA

Results segment # 1: Terry Fox Dr (night)

Source height = 1.50 m

ROAD (0.00 + 50.95 + 0.00) = 50.95 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.00 62.40 0.00 -5.48 0.00 0.00 -5.97 0.00 50.95

Segment Leq : 50.95 dBA

Results segment # 2: Herzberg Rd (night)

Source height = 0.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
0.50 ! 1.50 ! -2.50 ! 12.50

ROAD (0.00 + 33.80 + 0.00) = 33.80 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.00 48.12 0.00 -2.04 0.00 0.00 0.00 -12.28 33.80

Segment Leq : 33.80 dBA

Total Leq All Segments: 51.03 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 58.55
(NIGHT): 51.03

STAMSON 5.0 NORMAL REPORT Date: 22-09-2017 15:06:54
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola.te Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: Terry Fox Dr (day/night)

Car traffic volume : 12144/1056 veh/TimePeriod *
Medium truck volume : 966/84 veh/TimePeriod *
Heavy truck volume : 690/60 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): 15000
Percentage of Annual Growth : 0.00
Number of Years of Growth : 0.00
Medium Truck % of Total Volume : 7.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 92.00

Data for Segment # 1: Terry Fox Dr (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 1 / 1
House density : 80 %
Surface : 2 (Reflective ground surface)
Receiver source distance : 53.00 / 53.00 m
Receiver height : 16.50 / 16.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

First row density used to approximate the acoustic shielding and edge effects of the building.

Road data, segment # 2: Herzberg Rd (day/night)

Car traffic volume : 640/320 veh/TimePeriod
Medium truck volume : 0/0 veh/TimePeriod
Heavy truck volume : 0/0 veh/TimePeriod
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: Herzberg Rd (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 1 / 0
Surface : 2 (Reflective ground surface)

Receiver source distance : 24.00 / 24.00 m
Receiver height : 1.50 / 1.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Terry Fox Dr (day)

Source height = 1.50 m

ROAD (0.00 + 58.54 + 0.00) = 58.54 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	90	0.00	70.00	0.00	-5.48	0.00	0.00	-5.97	0.00	58.54
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Segment Leq : 58.54 dBA

Results segment # 2: Herzberg Rd (day)

Source height = 0.50 m

ROAD (0.00 + 39.88 + 0.00) = 39.88 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	90	0.00	48.12	0.00	-2.04	0.00	0.00	-6.20	0.00	39.88
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Segment Leq : 39.88 dBA

Total Leq All Segments: 58.60 dBA

Results segment # 1: Terry Fox Dr (night)

Source height = 1.50 m

ROAD (0.00 + 50.95 + 0.00) = 50.95 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	90	0.00	62.40	0.00	-5.48	0.00	0.00	-5.97	0.00	50.95
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Segment Leq : 50.95 dBA

Results segment # 2: Herzberg Rd (night)

Source height = 0.50 m

ROAD (0.00 + 46.08 + 0.00) = 46.08 dBA

Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90	90	0.00	48.12	0.00	-2.04	0.00	0.00	0.00	0.00	46.08
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Segment Leq : 46.08 dBA

Total Leq All Segments: 52.17 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 58.60

(NIGHT): 52.17

Brenner, Matthew

To: vincent Lo
Subject: RE: 280 Herzberg Road - Road Classification

From: Dickinson, Mary [<mailto:mary.dickinson@ottawa.ca>]

Sent: Monday, February 13, 2017 2:15 PM

To: Vincent Lo

Subject: 280 Herzberg Road - Road Classification

Vincent,

Based on the Official Plan, Herzberg Road adjacent to the subject site is a local road and is intended to remain a dead end.

Mary Dickinson, MCIP, RPP

Planner

Development Review West

Urbaniste

Examen des demandes d'aménagement ouest

City of Ottawa | Ville d'Ottawa

613.580.2424 ext./poste 13923

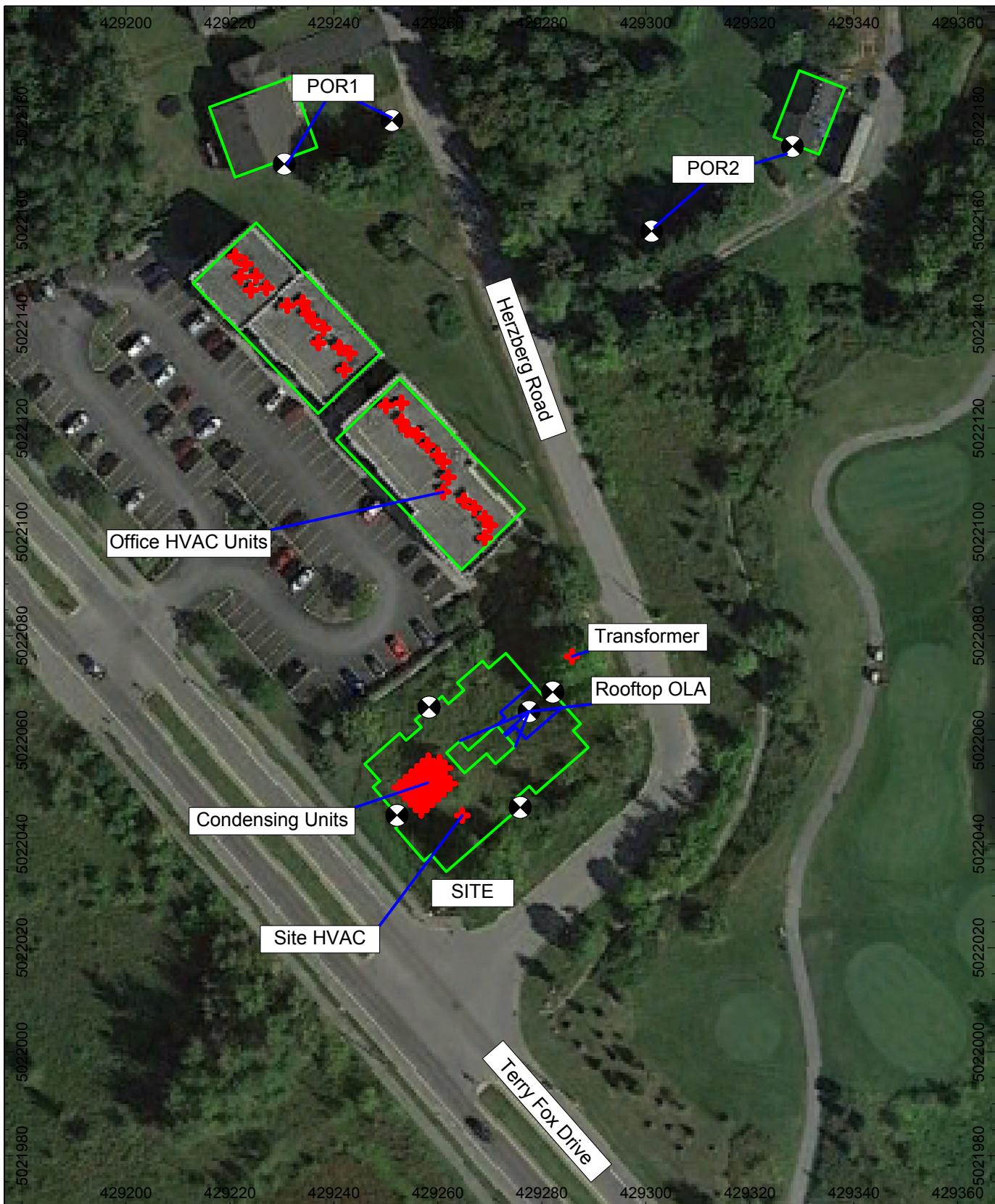
ottawa.ca/planning / ottawa.ca/urbanisme

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Attachment C



		<ul style="list-style-type: none"> + Point Source Building — Barrier Receiver - Building Evaluation 	STATIONARY NOISE IMPACT ASSESSMENT 280 HERZBERG ROAD, KANATA, ON
			FIGURE C1 STATIONARY NOISE SOURCE AND POR LOCATIONS

Table C.1

Stationary Noise Modelling Results
280 Herzberg Road
Kanata, Ontario

Point-of-Reception ID	Point-of-Reception Description	Sound Level at Point-of-Reception (Day) (Average Leq)	Sound Level at Point-of-Reception (Night) (Average Leq)	Daytime Compliance Limit 07:00-23:00 (Leq)	Nighttime Compliance Limit 23:00-07:00 (Leq)	Compliance with Performance Limit (Yes/No)
North Façade						
POW1	1st Floor of Condominium	39.1 (dBA)	36.0 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW2	2nd Floor of Condominium	41.1 (dBA)	38.1 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW3	3rd Floor of Condominium	43.6 (dBA)	40.6 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW4	4th Floor of Condominium	43.8 (dBA)	40.8 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
East Façade						
POW1	1st Floor of Condominium	41.4 (dBA)	40.3 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW2	2nd Floor of Condominium	41.6 (dBA)	40.1 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW3	3rd Floor of Condominium	42.2 (dBA)	40.2 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW4	4th Floor of Condominium	43.6 (dBA)	41.1 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
South Façade						
POW1	1st Floor of Condominium	30.1 (dBA)	27.1 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW2	2nd Floor of Condominium	31.0 (dBA)	28.0 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW3	3rd Floor of Condominium	32.0 (dBA)	29.0 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW4	4th Floor of Condominium	33.4 (dBA)	30.4 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
West Façade						
POW1	1st Floor of Condominium	33.4 (dBA)	30.4 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW2	2nd Floor of Condominium	34.9 (dBA)	31.9 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW3	3rd Floor of Condominium	36.6 (dBA)	33.6 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
POW4	4th Floor of Condominium	38.7 (dBA)	35.7 (dBA)	50.0 (dBA)	45.0 (dBA)	Yes
Rooftop						
OLA	Rooftop OLA	43.3 (dBA)	40.3 (dBA)	50.0 (dBA)	50.0 (dBA)	Yes

Table C.2

Stationary Noise Impact Study - Source Sound Data
280 Herzberg Road
Kanata, Ontario

Noise Source Description	Location	Cadna ID	Total PWL (dBA)	Height Absolute (m)	Height Relative (m)	x	y
Office HVAC	Off-Site	NS-01	72.4	91.0	1.0	429269	5022099
Office HVAC	Off-Site	NS-02	72.4	91.0	1.0	429270	5022101
Office HVAC	Off-Site	NS-03	72.4	91.0	1.0	429269	5022103
Office HVAC	Off-Site	NS-04	72.4	91.0	1.0	429267	5022105
Office HVAC	Off-Site	NS-05	72.4	91.0	1.0	429265	5022106
Office HVAC	Off-Site	NS-06	72.4	91.0	1.0	429261	5022108
Office HVAC	Off-Site	NS-07	72.4	91.0	1.0	429262	5022110
Office HVAC	Off-Site	NS-08	72.4	91.0	1.0	429261	5022114
Office HVAC	Off-Site	NS-09	72.4	91.0	1.0	429260	5022115
Office HVAC	Off-Site	NS-10	72.4	91.0	1.0	429258	5022117
Office HVAC	Off-Site	NS-11	72.4	91.0	1.0	429256	5022119
Office HVAC	Off-Site	NS-12	72.4	91.0	1.0	429254	5022120
Office HVAC	Off-Site	NS-13	72.4	91.0	1.0	429253	5022121
Office HVAC	Off-Site	NS-14	72.4	91.0	1.0	429253	5022125
Office HVAC	Off-Site	NS-15	72.4	91.0	1.0	429250	5022124
Office HVAC	Off-Site	NS-16	72.4	91.7	1.0	429242	5022131
Office HVAC	Off-Site	NS-17	72.4	91.7	1.0	429243	5022134
Office HVAC	Off-Site	NS-18	72.4	91.7	1.0	429241	5022136
Office HVAC	Off-Site	NS-19	72.4	91.7	1.0	429237	5022136
Office HVAC	Off-Site	NS-20	72.4	91.7	1.0	429238	5022139
Office HVAC	Off-Site	NS-21	72.4	91.7	1.0	429236	5022141
Office HVAC	Off-Site	NS-22	72.4	91.7	1.0	429235	5022142
Office HVAC	Off-Site	NS-23	72.4	91.7	1.0	429234	5022144
Office HVAC	Off-Site	NS-24	72.4	91.7	1.0	429231	5022144
Office HVAC	Off-Site	NS-25	72.4	91.7	1.0	429221	5022153
Office HVAC	Off-Site	NS-26	72.4	91.7	1.0	429223	5022152
Office HVAC	Off-Site	NS-27	72.4	91.7	1.0	429222	5022149
Office HVAC	Off-Site	NS-28	72.4	91.7	1.0	429225	5022149
Office HVAC	Off-Site	NS-29	72.4	91.7	1.0	429224	5022146
Office HVAC	Off-Site	NS-30	72.4	91.7	1.0	429227	5022147
Transformer	On-Site	S-01	65.9	80.0	2.0	429286	5022076
Site HVAC	On-Site	S-02	75.4	95.8	1.5	429265	5022045
Condensing Unit	On-Site	S-03	69.8	95.3	1.0	429253	5022051
Condensing Unit	On-Site	S-04	69.8	95.3	1.0	429254	5022052
Condensing Unit	On-Site	S-05	69.8	95.3	1.0	429255	5022053
Condensing Unit	On-Site	S-06	69.8	95.3	1.0	429256	5022054
Condensing Unit	On-Site	S-07	69.8	95.3	1.0	429257	5022055
Condensing Unit	On-Site	S-08	69.8	95.3	1.0	429258	5022056
Condensing Unit	On-Site	S-09	69.8	95.3	1.0	429254	5022050
Condensing Unit	On-Site	S-10	69.8	95.3	1.0	429255	5022051
Condensing Unit	On-Site	S-11	69.8	95.3	1.0	429256	5022052
Condensing Unit	On-Site	S-12	69.8	95.3	1.0	429257	5022053
Condensing Unit	On-Site	S-13	69.8	95.3	1.0	429258	5022054
Condensing Unit	On-Site	S-14	69.8	95.3	1.0	429259	5022055
Condensing Unit	On-Site	S-15	69.8	95.3	1.0	429255	5022049
Condensing Unit	On-Site	S-16	69.8	95.3	1.0	429256	5022050
Condensing Unit	On-Site	S-17	69.8	95.3	1.0	429257	5022051
Condensing Unit	On-Site	S-18	69.8	95.3	1.0	429258	5022052
Condensing Unit	On-Site	S-19	69.8	95.3	1.0	429259	5022053
Condensing Unit	On-Site	S-20	69.8	95.3	1.0	429260	5022054
Condensing Unit	On-Site	S-21	69.8	95.3	1.0	429256	5022048
Condensing Unit	On-Site	S-22	69.8	95.3	1.0	429257	5022049
Condensing Unit	On-Site	S-23	69.8	95.3	1.0	429258	5022050
Condensing Unit	On-Site	S-24	69.8	95.3	1.0	429259	5022051
Condensing Unit	On-Site	S-25	69.8	95.3	1.0	429260	5022052
Condensing Unit	On-Site	S-26	69.8	95.3	1.0	429261	5022053
Condensing Unit	On-Site	S-27	69.8	95.3	1.0	429257	5022046
Condensing Unit	On-Site	S-28	69.8	95.3	1.0	429258	5022047
Condensing Unit	On-Site	S-29	69.8	95.3	1.0	429259	5022049
Condensing Unit	On-Site	S-30	69.8	95.3	1.0	429260	5022050
Condensing Unit	On-Site	S-31	69.8	95.3	1.0	429261	5022051
Condensing Unit	On-Site	S-32	69.8	95.3	1.0	429262	5022052
Condensing Unit	On-Site	S-33	69.8	95.3	1.0	429261	5022055
Condensing Unit	On-Site	S-34	69.8	95.3	1.0	429260	5022056

Brenner, Matthew

Subject: RE: 300 Terry Fox - Rooftop Units

From: Tyler Francis [<mailto:tylerfrancis@francishvac.ca>]

Sent: Tuesday, February 14, 2017 10:06 AM

To: Vincent Lo

Subject: RE: 300 Terry Fox - Rooftop Units

Hi Vincent,

As per your email below. All the rooftops share the same Manufacturer & Model Numbers:

YORK

M# DJ036N08P2AAA2A

Tyler Francis

Francis H.V.A.C. Services Ltd.

81 Auriga Dr, Unit 1 | Ottawa, ON | K2E 7Y5

P: 613-723-7869 x712 | F: 613-723-1499 | C: 613-978-1223

tylerfrancis@francishvac.ca



Heating and Air Conditioning

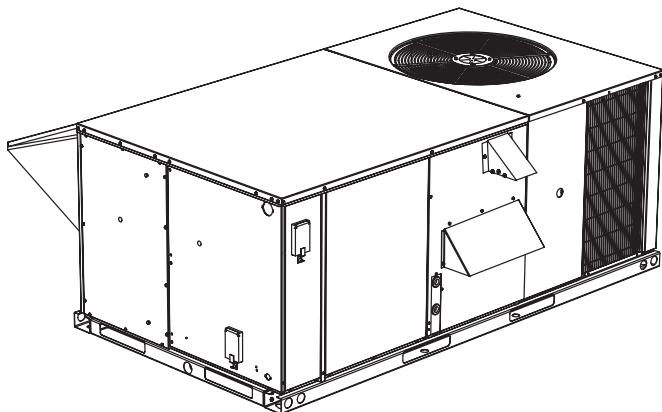
TECHNICAL GUIDE

SINGLE PACKAGE GAS/ELECTRIC UNITS AND SINGLE PACKAGE AIR CONDITIONERS

DJ 036, 048 & 060

3, 4 & 5 NOMINAL TONS

13.00 to 13.50 SEER



DESCRIPTION

YORK Sunline Magnum™ units are convertible single package air conditioners with a common cabinet and a common roof curb for the 3, 4 and 5 ton sizes. The units were designed for light commercial and commercial applications. They can easily be installed on a roof curb, slab, roof jack or frame.

All units include:

- Powder Paint finish that meets ASTM-B-117 1000 hour salt spray standards
- Permanently lubricated motors
- Bottom or side air discharge configuration capability (field convertible)
- Manufactured under the quality standards of ISO9001
- **Simplicity®** Control Board
- Copper tube/aluminum fin coils
- Easy access to all components
- Rigging holes in base rails for lifting
- Fork lift slots on three sides
- Single point power connection
- Direct Drive or Belt Drive Blower with high static drive option
- Complete factory package - tested, charged and wired
- CSA agency listing on all units

WARRANTY

- Factory Limited Parts Warranty
- One-year parts warranty
- A Five-year parts warranty on the compressor and electric heat elements.
- Ten-year parts warranty on the gas-fired heat exchangers.

The power exhaust option can only be used on bottom duct configurations.

- **BAROMETRIC RELIEF DAMPER** - This damper accessory can be used to relieve internal building air pressure on units with an economizer without power exhaust. This accessory includes a rain hood, a bird screen and a fully assembled damper. With bottom duct connections, the damper should be mounted over the opening in the return air panel. With horizontal ductwork, the accessory should be mounted on the return air duct.
- **ENTHALPY ACCESSORY CONTROL KIT** - This kit contains the required components to convert a single enthalpy economizer to dual enthalpy.
- **BURGLAR BARS** - Mount in the supply and return openings to prevent entry into the duct work.
- **FLUE EXHAUST EXTENSION KIT** - In locations with wind or weather conditions which may interfere with proper exhausting of furnace combustion products, this kit can be installed to prevent the flue exhaust from entering nearby fresh air intakes.
- **CO₂ SENSOR** - Senses CO₂ levels and automatically overrides the economizer when levels rise above the present limits.
- **COIL GUARD** - Customers can purchase a coil guard kit to protect the condenser coil from damage. This is not a hail guard kit.
- **HAIL GUARD** - Hail Guard kit is available to prevent unit from hail damage. This is a sloped hood that fits above the coil.
- **GAS PIPING KIT** - This kit supplies all necessary fittings and shut off valve.

TABLE 1: CAPACITY RATINGS - (ARI 210/240)¹

MODEL	MBH	EER ²	SEER ³	CFM	SOUND RATING (Db) ⁴
DJ036	35.8	11.65	13.50	1200	84
DJ048	46.5	11.75	13.45	1600	83
DJ060	60.0	11.20	13.0	1700	81

1. 80/67°F Indoor and 95°F outdoor.
2. EER = Energy Efficiency Ratio at full load - the cooling capacity in Btu's per hour (Btuh) divided by the power input in watts, expressed in Btuh per watt (Btuh/watt).
3. SEER = Seasonal Energy Efficiency Ratio.
4. Rated in accordance with ARI 270 Standard.

TABLE 3: 2 STAGE GAS HEAT RATINGS

MODEL ^{1,2}	MBH INPUT		MBH OUTPUT		STEADY STATE EFFICIENCY		RISE		MINIMUM HEATING AIRFLOW (CFM)
	1 ST STAGE	2 ND STAGE	1 ST STAGE	2 ND STAGE	1 ST STAGE	2 ND STAGE	MIN.	MAX.	
DJ036D06	45	75	35.8	60.8	79.4	81.1	35	70	790
DJ036D10	69	115	55.2	92	80.0	80.2	55	90	950
DJ048D06	45	75	35.7	60.8	79.4	81.1	25	70	790
DJ048D10	75	125	60.4	100.6	80.5	80.5	45	75	1230
DJ060D06	45	75	35.8	60.8	79.4	81.1	20	55	1010
DJ060D10	75	125	60.4	100.6	80.5	80.5	35	75	1230

1. Models are 3Ø only.
2. All 2 Stage Gas Heat, 60% Capacity 1ST Stage, 40% Capacity 2ND Stage.

TABLE 2: GAS HEAT RATINGS¹

MODEL	MBH INPUT	MBH OUTPUT	AFUE (%)	TEMP RISE °F
DJ036N04	50	40	80.9	15 - 45
DJ036N08	100	80	80.5	45 - 75
DJ048N06	75	60	80.9	25 - 70
DJ048N10	125	100	80.3	45 - 75
DJ060N08	100	80	80.5	25 - 55
DJ060N10	125	100	80.3	35 - 75

1. All units are single-stage heating.

Cadna Sample Calculation:

The CadnaA modelling program calculates the day (LrD) and night (LrN) noise impacts in accordance with ISO 9613-2 as follows:

$$\begin{aligned} LrD &= LxD - Adi v + K0 + Dc - Agnd - Abar - Aatm - Afol - Ahous + CmetD + RefID \\ LrN &= LxN - Adi v + K0 + Dc - Agnd - Abar - Aatm - Afol - Ahous + CmetN + RefIN \end{aligned}$$

Configuration	
Parameter	Value
General	
Country	(user defined)
Max. Error (dB)	0.00
Max. Search Radius (m)	2000.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (m)	1000.00
Min. Length of Section (m)	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	60.00
Reference Time Night (min)	60.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	6.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	1
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (°C)	10
rel. Humidity (%)	70
Ground Absorption G	0.30
Wind Speed for Dir. (m/s)	3.0
Roads (???)	
Railways (???)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver

Name: OLA
 ID: OLA
 X: 429277.53
 Y: 5022065.45
 Z: 95.81

Point Source, ISO 9613, Name: "Transformer", ID: "S-01"

Nr.	X	Y	Z	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/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)
	(m)	(m)	(m)																	
1388	429285.81	5022076.05	80.00	0	DEN	32	23.1	0.0	0.0	0.0	37.3	0.0	-3.0	0.0	0.0	5.3	0.0	0.0	-16.5	
1388	429285.81	5022076.05	80.00	0	DEN	63	42.3	0.0	0.0	0.0	37.3	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	1.2	
1388	429285.81	5022076.05	80.00	0	DEN	125	54.4	0.0	0.0	0.0	37.3	0.0	-2.0	0.0	0.0	8.6	0.0	0.0	10.6	
1388	429285.81	5022076.05	80.00	0	DEN	250	56.9	0.0	0.0	0.0	37.3	0.0	-1.7	0.0	0.0	10.8	0.0	0.0	10.4	
1388	429285.81	5022076.05	80.00	0	DEN	500	62.3	0.0	0.0	0.0	37.3	0.0	-1.9	0.0	0.0	13.4	0.0	0.0	13.5	
1388	429285.81	5022076.05	80.00	0	DEN	1000	59.5	0.0	0.0	0.0	37.3	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	8.1	
1388	429285.81	5022076.05	80.00	0	DEN	2000	55.7	0.0	0.0	0.0	37.3	0.2	-2.1	0.0	0.0	19.0	0.0	0.0	1.3	
1388	429285.81	5022076.05	80.00	0	DEN	4000	50.5	0.0	0.0	0.0	37.3	0.7	-2.1	0.0	0.0	19.9	0.0	0.0	-5.3	
1388	429285.81	5022076.05	80.00	0	DEN	8000	41.4	0.0	0.0	0.0	37.3	2.4	-2.1	0.0	0.0	20.0	0.0	0.0	-16.2	
1396	429285.81	5022076.05	80.00	1	DEN	250	56.9	0.0	0.0	0.0	40.7	0.0	-1.4	0.0	0.0	17.2	0.0	1.0	-0.7	
1396	429285.81	5022076.05	80.00	1	DEN	500	62.3	0.0	0.0	0.0	40.7	0.1	-1.8	0.0	0.0	20.0	0.0	1.0	2.4	
1396	429285.81	5022076.05	80.00	1	DEN	1000	59.5	0.0	0.0	0.0	40.7	0.1	-2.1	0.0	0.0	20.0	0.0	1.0	-0.2	
1396	429285.81	5022076.05	80.00	1	DEN	2000	55.7	0.0	0.0	0.0	40.7	0.3	-2.1	0.0	0.0	20.0	0.0	1.0	-4.2	
1396	429285.81	5022076.05	80.00	1	DEN	4000	50.5	0.0	0.0	0.0	40.7	1.0	-2.1	0.0	0.0	20.0	0.0	1.0	-10.1	
1396	429285.81	5022076.05	80.00	1	DEN	8000	41.4	0.0	0.0	0.0	40.7	3.6	-2.1	0.0	0.0	20.0	0.0	1.0	-21.8	

Point Source, ISO 9613, Name: "Site HVAC", ID: "S-02"

Nr.	X	Y	Z	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/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)
	(m)	(m)	(m)																	
1403	429264.70	5022045.46	95.81	0	D	63	52.8	0.0	0.0	0.0	38.5	0.0	-3.0	0.0	0.0	2.5	0.0	0.0	14.7	
1403	429264.70	5022045.46	95.81	0	D	125	62.9	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	3.5	0.0	0.0	22.9	
1403	429264.70	5022045.46	95.81	0	D	250	70.4	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	28.8	
1403	429264.70	5022045.46	95.81	0	D	500	69.8	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	7.5	0.0	0.0	25.9	
1403	429264.70	5022045.46	95.81	0	D	1000	68.0	0.0	0.0	0.0	38.5	0.1	-2.1	0.0	0.0	10.1	0.0	0.0	21.4	
1403	429264.70	5022045.46	95.81	0	D	2000	66.2	0.0	0.0	0.0	38.5	0.2	-2.1	0.0	0.0	12.8	0.0	0.0	16.7	
1403	429264.70	5022045.46	95.81	0	D	4000	62.0	0.0	0.0	0.0	38.5	0.8	-2.1	0.0	0.0	15.7	0.0	0.0	9.2	
1403	429264.70	5022045.46	95.81	0	D	8000	54.9	0.0	0.0	0.0	38.5	2.8	-2.1	0.0	0.0	18.4	0.0	0.0	-2.7	
1403	429264.70	5022045.46	95.81	0	N	63	52.8	0.0	-3.0	0.0	38.5	0.0	-3.0	0.0	0.0	2.5	0.0	0.0	11.7	
1403	429264.70	5022045.46	95.81	0	N	125	62.9	0.0	-3.0	0.0	38.5	0.0	-2.1	0.0	0.0	3.5	0.0	0.0	19.9	
1403	429264.70	5022045.46	95.81	0	N	250	70.4	0.0	-3.0	0.0	38.5	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	25.8	
1403	429264.70	5022045.46	95.81	0	N	500	69.8	0.0	-3.0	0.0	38.5	0.0	-2.1	0.0	0.0	7.5	0.0	0.0	22.9	
1403	429264.70	5022045.46	95.81	0	N	1000	68.0	0.0	-3.0	0.0	38.5	0.1	-2.1	0.0	0.0	10.1	0.0	0.0	18.4	
1403	429264.70	5022045.46	95.81	0	N	2000	66.2	0.0	-3.0	0.0	38.5	0.2	-2.1	0.0	0.0	12.8	0.0	0.0	13.7	
1403	429264.70	5022045.46	95.81	0	N	4000	62.0	0.0	-3.0	0.0	38.5	0.8	-2.1	0.0	0.0	15.7	0.0	0.0	6.1	
1403	429264.70	5022045.46	95.81	0	N	8000	54.9	0.0	-3.0	0.0	38.5	2.8	-2.1	0.0	0.0	18.4	0.0	0.0	-5.7	
1403	429264.70	5022045.46	95.81	0	E	63	52.8	0.0	-188.0	0.0	38.5	0.0	-3.0	0.0	0.0	2.5	0.0	0.0	-173.3	
1403	429264.70	5022045.46	95.81	0	E	125	62.9	0.0	-188.0	0.0	38.5	0.0	-2.1	0.0	0.0	3.5	0.0	0.0	-165.1	
1403	429264.70	5022045.46	95.81	0	E	250	70.4	0.0	-188.0	0.0	38.5	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	-159.2	
1403	429264.70	5022045.46	95.81	0	E	500	69.8	0.0	-188.0	0.0	38.5	0.0	-2.1	0.0	0.0	7.5	0.0	0.0	-162.1	
1403	429264.70	5022045.46	95.81	0	E	1000	68.0	0.0	-188.0	0.0	38.5	0.1	-2.1	0.0	0.0	10.1	0.0	0.0	-166.6	
1403	429264.70	5022045.46	95.81	0	E	2000	66.2	0.0	-188.0	0.0	38.5	0.2	-2.1	0.0	0.0	12.8	0.0	0.0	-171.3	
1403	429264.70	5022045.46	95.81	0	E	4000	62.0	0.0	-188.0	0.0	38.5	0.8	-2.1	0.0	0.0	15.7	0.0	0.0	-178.8	
1403	429264.70	5022045.46	95.81	0	E	8000	54.9	0.0	-188.0	0.0	38.5	2.8	-2.1	0.0	0.0	18.4	0.0	0.0	-190.7	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-33"

Nr.	X	Y	Z	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/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)
	(m)	(m)	(m)																	
1410	429261.32	5022054.54	95.31	0	D	125	43.4	0.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	7.6	0.0	0.0	1.1	
1410	429261.32	5022054.54	95.31	0	D	250	50.9	0.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	11.5	0.0	0.0	4.6	
1410	429261.32	5022054.54	95.31	0	D	500	58.8	0.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	15.5	0.0	0.0	8.5	
1410	429261.32	5022054.54	95.31	0	D	1000	65.5	0.0	0.0	0.0	36.8	0.1	-2.1	0.0	0.0	18.9	0.0	0.0	11.8	
1410	429261.32	5022054.54	95.31	0	D	2000	64.7	0.0	0.0	0.0	36.8	0.2	-2.1	0.0	0.0	22.0	0.0	0.0	7.8	
1410	429261.32	5022054.54	95.31	0	D	4000	63.0	0.0	0.0	0.0	36.8	0.6	-2.1	0.0	0.0	23.3	0.0	0.0	4.4	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-33"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1410	429261.32	5022054.54	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	36.8	2.3	-2.1	0.0	0.0	24.0	0.0	0.0	-7.2
1410	429261.32	5022054.54	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	7.6	0.0	0.0	-1.9
1410	429261.32	5022054.54	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	11.5	0.0	0.0	1.6
1410	429261.32	5022054.54	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	15.5	0.0	0.0	5.5
1410	429261.32	5022054.54	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	36.8	0.1	-2.1	0.0	0.0	18.9	0.0	0.0	8.8
1410	429261.32	5022054.54	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	36.8	0.2	-2.1	0.0	0.0	22.0	0.0	0.0	4.8
1410	429261.32	5022054.54	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	36.8	0.6	-2.1	0.0	0.0	23.3	0.0	0.0	1.4
1410	429261.32	5022054.54	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	36.8	2.3	-2.1	0.0	0.0	24.0	0.0	0.0	-10.2
1410	429261.32	5022054.54	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	7.6	0.0	0.0	-186.9
1410	429261.32	5022054.54	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	11.5	0.0	0.0	-183.4
1410	429261.32	5022054.54	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	36.8	0.0	-2.1	0.0	0.0	15.5	0.0	0.0	-179.5
1410	429261.32	5022054.54	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	36.8	0.1	-2.1	0.0	0.0	18.9	0.0	0.0	-176.2
1410	429261.32	5022054.54	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	36.8	0.2	-2.1	0.0	0.0	22.0	0.0	0.0	-180.2
1410	429261.32	5022054.54	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	36.8	0.6	-2.1	0.0	0.0	23.3	0.0	0.0	-183.6
1410	429261.32	5022054.54	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	36.8	2.3	-2.1	0.0	0.0	24.0	0.0	0.0	-195.2

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-34"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1417	429260.28	5022055.66	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	5.9	0.0	0.0	2.6
1417	429260.28	5022055.66	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	9.3	0.0	0.0	6.7
1417	429260.28	5022055.66	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	13.0	0.0	0.0	10.9
1417	429260.28	5022055.66	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	37.0	0.1	-2.1	0.0	0.0	16.3	0.0	0.0	14.3
1417	429260.28	5022055.66	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	37.0	0.2	-2.1	0.0	0.0	19.4	0.0	0.0	10.3
1417	429260.28	5022055.66	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	37.0	0.7	-2.1	0.0	0.0	21.3	0.0	0.0	6.2
1417	429260.28	5022055.66	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	37.0	2.3	-2.1	0.0	0.0	22.8	0.0	0.0	-6.1
1417	429260.28	5022055.66	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	5.9	0.0	0.0	-0.4
1417	429260.28	5022055.66	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	9.3	0.0	0.0	3.7
1417	429260.28	5022055.66	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	13.0	0.0	0.0	7.9
1417	429260.28	5022055.66	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	37.0	0.1	-2.1	0.0	0.0	16.3	0.0	0.0	11.3
1417	429260.28	5022055.66	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	37.0	0.2	-2.1	0.0	0.0	19.4	0.0	0.0	7.3
1417	429260.28	5022055.66	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	37.0	0.7	-2.1	0.0	0.0	21.3	0.0	0.0	3.2
1417	429260.28	5022055.66	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	37.0	2.3	-2.1	0.0	0.0	22.8	0.0	0.0	-9.1
1417	429260.28	5022055.66	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	5.9	0.0	0.0	-185.4
1417	429260.28	5022055.66	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	9.3	0.0	0.0	-181.3
1417	429260.28	5022055.66	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	37.0	0.0	-2.1	0.0	0.0	13.0	0.0	0.0	-177.1
1417	429260.28	5022055.66	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	37.0	0.1	-2.1	0.0	0.0	16.3	0.0	0.0	-173.7
1417	429260.28	5022055.66	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	37.0	0.2	-2.1	0.0	0.0	19.4	0.0	0.0	-177.7
1417	429260.28	5022055.66	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	37.0	0.7	-2.1	0.0	0.0	21.3	0.0	0.0	-181.8
1417	429260.28	5022055.66	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	37.0	2.3	-2.1	0.0	0.0	22.8	0.0	0.0	-194.1

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-32"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1423	429262.25	5022051.57	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	6.8	0.0	0.0	1.4
1423	429262.25	5022051.57	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	10.3	0.0	0.0	5.3
1423	429262.25	5022051.57	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	14.4	0.0	0.0	9.2
1423	429262.25	5022051.57	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	37.3	0.1	-2.1	0.0	0.0	18.1	0.0	0.0	12.2
1423	429262.25	5022051.57	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	37.3	0.2	-2.1	0.0	0.0	21.3	0.0	0.0	8.0
1423	429262.25	5022051.57	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	37.3	0.7	-2.1	0.0	0.0	23.2	0.0	0.0	3.9
1423	429262.25	5022051.57	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	37.3	2.4	-2.1	0.0	0.0	24.0	0.0	0.0	-7.7
1423	429262.25	5022051.57	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	6.8	0.0	0.0	-1.6
1423	429262.25	5022051.57	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.3	0.0	-2.1						

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-32"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1423	429262.25	5022051.57	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	37.3	0.7	-2.1	0.0	0.0	23.2	0.0	0.0	-184.1
1423	429262.25	5022051.57	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	37.3	2.4	-2.1	0.0	0.0	24.0	0.0	0.0	-195.7

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-26"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1429	429261.23	5022052.67	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	7.1	0.0	0.0	1.0
1429	429261.23	5022052.67	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	11.0	0.0	0.0	4.7
1429	429261.23	5022052.67	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	14.9	0.0	0.0	8.6
1429	429261.23	5022052.67	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	37.3	0.1	-2.1	0.0	0.0	18.3	0.0	0.0	11.9
1429	429261.23	5022052.67	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	37.3	0.2	-2.1	0.0	0.0	21.5	0.0	0.0	7.8
1429	429261.23	5022052.67	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	37.3	0.7	-2.1	0.0	0.0	23.3	0.0	0.0	3.8
1429	429261.23	5022052.67	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	37.3	2.4	-2.1	0.0	0.0	24.1	0.0	0.0	-7.8
1429	429261.23	5022052.67	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	7.1	0.0	0.0	-2.0
1429	429261.23	5022052.67	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	11.0	0.0	0.0	1.7
1429	429261.23	5022052.67	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	14.9	0.0	0.0	5.6
1429	429261.23	5022052.67	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	37.3	0.1	-2.1	0.0	0.0	18.3	0.0	0.0	8.8
1429	429261.23	5022052.67	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	37.3	0.2	-2.1	0.0	0.0	21.5	0.0	0.0	4.8
1429	429261.23	5022052.67	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	37.3	0.7	-2.1	0.0	0.0	23.3	0.0	0.0	0.8
1429	429261.23	5022052.67	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	37.3	2.4	-2.1	0.0	0.0	24.1	0.0	0.0	-10.8
1429	429261.23	5022052.67	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	7.1	0.0	0.0	-187.0
1429	429261.23	5022052.67	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	11.0	0.0	0.0	-183.3
1429	429261.23	5022052.67	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	37.3	0.0	-2.1	0.0	0.0	14.9	0.0	0.0	-179.4
1429	429261.23	5022052.67	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	37.3	0.1	-2.1	0.0	0.0	18.3	0.0	0.0	-176.1
1429	429261.23	5022052.67	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	37.3	0.2	-2.1	0.0	0.0	21.5	0.0	0.0	-180.2
1429	429261.23	5022052.67	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	37.3	0.7	-2.1	0.0	0.0	23.3	0.0	0.0	-184.2
1429	429261.23	5022052.67	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	37.3	2.4	-2.1	0.0	0.0	24.1	0.0	0.0	-195.8

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-20"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1435	429260.21	5022053.77	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	6.7	0.0	0.0	1.4
1435	429260.21	5022053.77	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	10.5	0.0	0.0	5.1
1435	429260.21	5022053.77	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	14.4	0.0	0.0	9.1
1435	429260.21	5022053.77	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	37.4	0.1	-2.1	0.0	0.0	17.8	0.0	0.0	12.3
1435	429260.21	5022053.77	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	37.4	0.2	-2.1	0.0	0.0	20.9	0.0	0.0	8.3
1435	429260.21	5022053.77	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	37.4	0.7	-2.1	0.0	0.0	22.9	0.0	0.0	4.1
1435	429260.21	5022053.77	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	37.4	2.4	-2.1	0.0	0.0	23.8	0.0	0.0	-7.7
1435	429260.21	5022053.77	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	6.7	0.0	0.0	-1.6
1435	429260.21	5022053.77	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	10.5	0.0	0.0	2.1
1435	429260.21	5022053.77	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	14.4	0.0	0.0	6.1
1435	429260.21	5022053.77	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	37.4	0.1	-2.1	0.0	0.0	17.8	0.0	0.0	9.3
1435	429260.21	5022053.77	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	37.4	0.2	-2.1	0.0	0.0	20.9	0.0	0.0	5.3
1435	429260.21	5022053.77	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	37.4	0.7	-2.1	0.0	0.0	22.9	0.0	0.0	1.1
1435	429260.21	5022053.77	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	37.4	2.4	-2.1	0.0	0.0	23.8	0.0	0.0	-10.7
1435	429260.21	5022053.77	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	6.7	0.0	0.0	-186.6
1435	429260.21	5022053.77	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	10.5	0.0	0.0	-182.9
1435	429260.21	5022053.77	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	37.4	0.0	-2.1	0.0	0.0	14.4	0.0	0.0	-178.9
1435	429260.21	5022053.77	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	37.4	0.1	-2.1	0.0	0.0	17.8	0.0	0.0	-175.7
1435	429260.21	5022053.77	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	37.4	0.2	-2.1	0.0	0.0	20.9	0.0	0.0	-179.7
1435	429260.21	5022053.77	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	37.4	0.7	-2.1	0.0	0.0	22.9	0.0	0.0	-183.9
1435	429260.21	5022053.77	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	37.4	2.4	-2.1	0.0	0.0	23.8	0.0	0.0	-195.7

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-14"																			
Nr.	X	Y	Z	Refl.	DEN</th														

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-14"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1441	429259.19	5022054.87	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.5	0.0	-2.1	0.0	0.0	5.4	0.0	0.0	-0.4
1441	429259.19	5022054.87	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	3.8
1441	429259.19	5022054.87	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	37.5	0.0	-2.1	0.0	0.0	12.4	0.0	0.0	8.0
1441	429259.19	5022054.87	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	37.5	0.1	-2.1	0.0	0.0	15.7	0.0	0.0	11.3
1441	429259.19	5022054.87	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	37.5	0.2	-2.1	0.0	0.0	18.7	0.0	0.0	7.3
1441	429259.19	5022054.87	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	37.5	0.7	-2.1	0.0	0.0	21.1	0.0	0.0	2.8
1441	429259.19	5022054.87	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	37.5	2.5	-2.1	0.0	0.0	22.6	0.0	0.0	-9.6
1441	429259.19	5022054.87	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	37.5	0.0	-2.1	0.0	0.0	5.4	0.0	0.0	-185.4
1441	429259.19	5022054.87	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	37.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	-181.2
1441	429259.19	5022054.87	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	37.5	0.0	-2.1	0.0	0.0	12.4	0.0	0.0	-177.0
1441	429259.19	5022054.87	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	37.5	0.1	-2.1	0.0	0.0	15.7	0.0	0.0	-173.7
1441	429259.19	5022054.87	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	37.5	0.2	-2.1	0.0	0.0	18.7	0.0	0.0	-177.6
1441	429259.19	5022054.87	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	37.5	0.7	-2.1	0.0	0.0	21.1	0.0	0.0	-182.2
1441	429259.19	5022054.87	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	37.5	2.5	-2.1	0.0	0.0	22.6	0.0	0.0	-194.6

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1447	429258.17	5022055.97	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	3.8	0.0	0.0	4.0
1447	429258.17	5022055.97	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	9.8
1447	429258.17	5022055.97	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	7.9	0.0	0.0	15.3
1447	429258.17	5022055.97	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	37.7	0.1	-2.1	0.0	0.0	10.6	0.0	0.0	19.2
1447	429258.17	5022055.97	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	37.7	0.2	-2.1	0.0	0.0	13.4	0.0	0.0	15.5
1447	429258.17	5022055.97	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	37.7	0.7	-2.1	0.0	0.0	16.1	0.0	0.0	10.6
1447	429258.17	5022055.97	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	37.7	2.5	-2.1	0.0	0.0	18.5	0.0	0.0	-2.7
1447	429258.17	5022055.97	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	3.8	0.0	0.0	1.0
1447	429258.17	5022055.97	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	6.8
1447	429258.17	5022055.97	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	7.9	0.0	0.0	12.3
1447	429258.17	5022055.97	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	37.7	0.1	-2.1	0.0	0.0	10.6	0.0	0.0	16.2
1447	429258.17	5022055.97	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	37.7	0.2	-2.1	0.0	0.0	13.4	0.0	0.0	12.5
1447	429258.17	5022055.97	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	37.7	0.7	-2.1	0.0	0.0	16.1	0.0	0.0	7.6
1447	429258.17	5022055.97	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	37.7	2.5	-2.1	0.0	0.0	18.5	0.0	0.0	-5.7
1447	429258.17	5022055.97	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	3.8	0.0	0.0	-184.0
1447	429258.17	5022055.97	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	-178.2
1447	429258.17	5022055.97	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	37.7	0.0	-2.1	0.0	0.0	7.9	0.0	0.0	-172.7
1447	429258.17	5022055.97	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	37.7	0.1	-2.1	0.0	0.0	10.6	0.0	0.0	-168.8
1447	429258.17	5022055.97	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	37.7	0.2	-2.1	0.0	0.0	13.4	0.0	0.0	-172.5
1447	429258.17	5022055.97	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	37.7	0.7	-2.1	0.0	0.0	16.1	0.0	0.0	-177.4
1447	429258.17	5022055.97	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	37.7	2.5	-2.1	0.0	0.0	18.5	0.0	0.0	-190.7

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-31"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1453	429261.15	5022050.55	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	6.3	0.0	0.0	1.3
1453	429261.15	5022050.55	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	9.7	0.0	0.0	5.3
1453	429261.15	5022050.55	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	13.7	0.0	0.0	9.3
1453	429261.15	5022050.55	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	37.9	0.1	-2.1	0.0	0.0	17.3	0.0	0.0	12.3
1453	429261.15	5022050.55	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	37.9	0.2	-2.1	0.0	0.0	20.6	0.0	0.0	8.1
1453	429261.15	5022050.55	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	37.9	0.7	-2.1	0.0	0.0	23.1	0.0	0.0	3.4
1453	429261.15	5022050.55	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	37.9	2.6	-2.1	0.0	0.0	23.9	0.0	0.0	-8.4
1453	429261.15	5022050.55	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	6.3	0.0	0.0	-1.7
1453	429261.15	5022050.55	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	9.7	0.0	0.0	2.3
1453	429261.15	5022050.55	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	37.9	0.0	-2.						

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-31"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1453	429261.15	5022050.55	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	37.9	2.6	-2.1	0.0	0.0	23.9	0.0	0.0	-196.4	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-25"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1459	429260.13	5022051.65	95.31	0 D	125	43.4	0.0	0.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	6.4	0.0	0.0	1.2	
1459	429260.13	5022051.65	95.31	0 D	250	50.9	0.0	0.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	9.9	0.0	0.0	5.2	
1459	429260.13	5022051.65	95.31	0 D	500	58.8	0.0	0.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	13.8	0.0	0.0	9.1	
1459	429260.13	5022051.65	95.31	0 D	1000	65.5	0.0	0.0	0.0	0.0	37.9	0.1	-2.1	0.0	0.0	17.4	0.0	0.0	12.2	
1459	429260.13	5022051.65	95.31	0 D	2000	64.7	0.0	0.0	0.0	0.0	37.9	0.2	-2.1	0.0	0.0	20.6	0.0	0.0	8.0	
1459	429260.13	5022051.65	95.31	0 D	4000	63.0	0.0	0.0	0.0	0.0	37.9	0.7	-2.1	0.0	0.0	23.1	0.0	0.0	3.3	
1459	429260.13	5022051.65	95.31	0 D	8000	53.9	0.0	0.0	0.0	0.0	37.9	2.6	-2.1	0.0	0.0	24.0	0.0	0.0	-8.5	
1459	429260.13	5022051.65	95.31	0 N	125	43.4	0.0	-3.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	6.4	0.0	0.0	-1.8	
1459	429260.13	5022051.65	95.31	0 N	250	50.9	0.0	-3.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	9.9	0.0	0.0	2.2	
1459	429260.13	5022051.65	95.31	0 N	500	58.8	0.0	-3.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	13.8	0.0	0.0	6.1	
1459	429260.13	5022051.65	95.31	0 N	1000	65.5	0.0	-3.0	0.0	0.0	37.9	0.1	-2.1	0.0	0.0	17.4	0.0	0.0	9.2	
1459	429260.13	5022051.65	95.31	0 N	2000	64.7	0.0	-3.0	0.0	0.0	37.9	0.2	-2.1	0.0	0.0	20.6	0.0	0.0	5.0	
1459	429260.13	5022051.65	95.31	0 N	4000	63.0	0.0	-3.0	0.0	0.0	37.9	0.7	-2.1	0.0	0.0	23.1	0.0	0.0	0.3	
1459	429260.13	5022051.65	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	37.9	2.6	-2.1	0.0	0.0	24.0	0.0	0.0	-11.5	
1459	429260.13	5022051.65	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	6.4	0.0	0.0	-186.8	
1459	429260.13	5022051.65	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	9.9	0.0	0.0	-182.8	
1459	429260.13	5022051.65	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	37.9	0.0	-2.1	0.0	0.0	13.8	0.0	0.0	-178.9	
1459	429260.13	5022051.65	95.31	0 E	1000	65.5	0.0	-188.0	0.0	0.0	37.9	0.1	-2.1	0.0	0.0	17.4	0.0	0.0	-175.8	
1459	429260.13	5022051.65	95.31	0 E	2000	64.7	0.0	-188.0	0.0	0.0	37.9	0.2	-2.1	0.0	0.0	20.6	0.0	0.0	-180.0	
1459	429260.13	5022051.65	95.31	0 E	4000	63.0	0.0	-188.0	0.0	0.0	37.9	0.7	-2.1	0.0	0.0	23.1	0.0	0.0	-184.7	
1459	429260.13	5022051.65	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	37.9	2.6	-2.1	0.0	0.0	24.0	0.0	0.0	-196.5	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1465	429259.11	5022052.75	95.31	0 D	125	43.4	0.0	0.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	6.2	0.0	0.0	1.3	
1465	429259.11	5022052.75	95.31	0 D	250	50.9	0.0	0.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	9.8	0.0	0.0	5.2	
1465	429259.11	5022052.75	95.31	0 D	500	58.8	0.0	0.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	13.7	0.0	0.0	9.2	
1465	429259.11	5022052.75	95.31	0 D	1000	65.5	0.0	0.0	0.0	0.0	38.0	0.1	-2.1	0.0	0.0	17.0	0.0	0.0	12.5	
1465	429259.11	5022052.75	95.31	0 D	2000	64.7	0.0	0.0	0.0	0.0	38.0	0.2	-2.1	0.0	0.0	20.1	0.0	0.0	8.4	
1465	429259.11	5022052.75	95.31	0 D	4000	63.0	0.0	0.0	0.0	0.0	38.0	0.7	-2.1	0.0	0.0	22.7	0.0	0.0	3.7	
1465	429259.11	5022052.75	95.31	0 D	8000	53.9	0.0	0.0	0.0	0.0	38.0	2.6	-2.1	0.0	0.0	23.7	0.0	0.0	-8.3	
1465	429259.11	5022052.75	95.31	0 N	125	43.4	0.0	-3.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	6.2	0.0	0.0	-1.7	
1465	429259.11	5022052.75	95.31	0 N	250	50.9	0.0	-3.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	9.8	0.0	0.0	2.2	
1465	429259.11	5022052.75	95.31	0 N	500	58.8	0.0	-3.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	13.7	0.0	0.0	6.2	
1465	429259.11	5022052.75	95.31	0 N	1000	65.5	0.0	-3.0	0.0	0.0	38.0	0.1	-2.1	0.0	0.0	17.0	0.0	0.0	9.5	
1465	429259.11	5022052.75	95.31	0 N	2000	64.7	0.0	-3.0	0.0	0.0	38.0	0.2	-2.1	0.0	0.0	20.1	0.0	0.0	5.4	
1465	429259.11	5022052.75	95.31	0 N	4000	63.0	0.0	-3.0	0.0	0.0	38.0	0.7	-2.1	0.0	0.0	22.7	0.0	0.0	0.6	
1465	429259.11	5022052.75	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	38.0	2.6	-2.1	0.0	0.0	23.7	0.0	0.0	-11.3	
1465	429259.11	5022052.75	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	6.2	0.0	0.0	-186.7	
1465	429259.11	5022052.75	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	9.8	0.0	0.0	-182.8	
1465	429259.11	5022052.75	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	38.0	0.0	-2.1	0.0	0.0	13.7	0.0	0.0	-178.8	
1465	429259.11	5022052.75	95.31	0 E	1000	65.5	0.0	-188.0	0.0	0.0	38.0	0.1	-2.1	0.0	0.0	17.0	0.0	0.0	-175.5	
1465	429259.11	5022052.75	95.31	0 E	2000	64.7	0.0	-188.0	0.0	0.0	38.0	0.2	-2.1	0.0	0.0	20.1	0.0	0.0	-179.6	
1465	429259.11	5022052.75	95.31	0 E	4000	63.0	0.0	-188.0	0.0	0.0	38.0	0.7	-2.1	0.0	0.0	22.7	0.0	0.0	-184.3	
1465	429259.11	5022052.75	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	38.0	2.6	-2.1	0.0	0.0	23.7	0.0	0.0	-196.3	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-13"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	dB(A)									

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Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-13"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1471	429258.09	5022053.85	95.31	0	N	250	50.9	0.0	-3.0	0.0	0.0	38.1	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	3.4
1471	429258.09	5022053.85	95.31	0	N	500	58.8	0.0	-3.0	0.0	0.0	38.1	0.0	-2.1	0.0	0.0	12.2	0.0	0.0	7.6
1471	429258.09	5022053.85	95.31	0	N	1000	65.5	0.0	-3.0	0.0	0.0	38.1	0.1	-2.1	0.0	0.0	15.5	0.0	0.0	10.9
1471	429258.09	5022053.85	95.31	0	N	2000	64.7	0.0	-3.0	0.0	0.0	38.1	0.2	-2.1	0.0	0.0	18.6	0.0	0.0	6.9
1471	429258.09	5022053.85	95.31	0	N	4000	63.0	0.0	-3.0	0.0	0.0	38.1	0.7	-2.1	0.0	0.0	21.3	0.0	0.0	2.0
1471	429258.09	5022053.85	95.31	0	N	8000	53.9	0.0	-3.0	0.0	0.0	38.1	2.6	-2.1	0.0	0.0	22.7	0.0	0.0	-10.5
1471	429258.09	5022053.85	95.31	0	E	125	43.4	0.0	-188.0	0.0	0.0	38.1	0.0	-2.1	0.0	0.0	5.2	0.0	0.0	-185.8
1471	429258.09	5022053.85	95.31	0	E	250	50.9	0.0	-188.0	0.0	0.0	38.1	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	-181.6
1471	429258.09	5022053.85	95.31	0	E	500	58.8	0.0	-188.0	0.0	0.0	38.1	0.0	-2.1	0.0	0.0	12.2	0.0	0.0	-177.4
1471	429258.09	5022053.85	95.31	0	E	1000	65.5	0.0	-188.0	0.0	0.0	38.1	0.1	-2.1	0.0	0.0	15.5	0.0	0.0	-174.1
1471	429258.09	5022053.85	95.31	0	E	2000	64.7	0.0	-188.0	0.0	0.0	38.1	0.2	-2.1	0.0	0.0	18.6	0.0	0.0	-178.1
1471	429258.09	5022053.85	95.31	0	E	4000	63.0	0.0	-188.0	0.0	0.0	38.1	0.7	-2.1	0.0	0.0	21.3	0.0	0.0	-183.0
1471	429258.09	5022053.85	95.31	0	E	8000	53.9	0.0	-188.0	0.0	0.0	38.1	2.6	-2.1	0.0	0.0	22.7	0.0	0.0	-195.5

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1477	429257.07	5022054.95	95.31	0	D	125	43.4	0.0	0.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	3.9	0.0	0.0	3.3
1477	429257.07	5022054.95	95.31	0	D	250	50.9	0.0	0.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	8.7
1477	429257.07	5022054.95	95.31	0	D	500	58.8	0.0	0.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	8.9	0.0	0.0	13.8
1477	429257.07	5022054.95	95.31	0	D	1000	65.5	0.0	0.0	0.0	0.0	38.2	0.1	-2.1	0.0	0.0	11.9	0.0	0.0	17.4
1477	429257.07	5022054.95	95.31	0	D	2000	64.7	0.0	0.0	0.0	0.0	38.2	0.2	-2.1	0.0	0.0	14.9	0.0	0.0	13.5
1477	429257.07	5022054.95	95.31	0	D	4000	63.0	0.0	0.0	0.0	0.0	38.2	0.8	-2.1	0.0	0.0	17.7	0.0	0.0	8.4
1477	429257.07	5022054.95	95.31	0	D	8000	53.9	0.0	0.0	0.0	0.0	38.2	2.7	-2.1	0.0	0.0	19.9	0.0	0.0	-4.8
1477	429257.07	5022054.95	95.31	0	N	125	43.4	0.0	-3.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	3.9	0.0	0.0	0.3
1477	429257.07	5022054.95	95.31	0	N	250	50.9	0.0	-3.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	5.7
1477	429257.07	5022054.95	95.31	0	N	500	58.8	0.0	-3.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	8.9	0.0	0.0	10.7
1477	429257.07	5022054.95	95.31	0	N	1000	65.5	0.0	-3.0	0.0	0.0	38.2	0.1	-2.1	0.0	0.0	11.9	0.0	0.0	14.3
1477	429257.07	5022054.95	95.31	0	N	2000	64.7	0.0	-3.0	0.0	0.0	38.2	0.2	-2.1	0.0	0.0	14.9	0.0	0.0	10.4
1477	429257.07	5022054.95	95.31	0	N	4000	63.0	0.0	-3.0	0.0	0.0	38.2	0.8	-2.1	0.0	0.0	17.7	0.0	0.0	5.4
1477	429257.07	5022054.95	95.31	0	N	8000	53.9	0.0	-3.0	0.0	0.0	38.2	2.7	-2.1	0.0	0.0	19.9	0.0	0.0	-7.9
1477	429257.07	5022054.95	95.31	0	E	125	43.4	0.0	-188.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	3.9	0.0	0.0	-184.7
1477	429257.07	5022054.95	95.31	0	E	250	50.9	0.0	-188.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	-179.3
1477	429257.07	5022054.95	95.31	0	E	500	58.8	0.0	-188.0	0.0	0.0	38.2	0.0	-2.1	0.0	0.0	8.9	0.0	0.0	-174.2
1477	429257.07	5022054.95	95.31	0	E	1000	65.5	0.0	-188.0	0.0	0.0	38.2	0.1	-2.1	0.0	0.0	11.9	0.0	0.0	-170.6
1477	429257.07	5022054.95	95.31	0	E	2000	64.7	0.0	-188.0	0.0	0.0	38.2	0.2	-2.1	0.0	0.0	14.9	0.0	0.0	-174.5
1477	429257.07	5022054.95	95.31	0	E	4000	63.0	0.0	-188.0	0.0	0.0	38.2	0.8	-2.1	0.0	0.0	17.7	0.0	0.0	-179.6
1477	429257.07	5022054.95	95.31	0	E	8000	53.9	0.0	-188.0	0.0	0.0	38.2	2.7	-2.1	0.0	0.0	19.9	0.0	0.0	-192.8

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-30"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1484	429260.05	5022049.53	95.31	0	D	125	43.4	0.0	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	1.1
1484	429260.05	5022049.53	95.31	0	D	250	50.9	0.0	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	9.3	0.0	0.0	5.2
1484	429260.05	5022049.53	95.31	0	D	500	58.8	0.0	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	13.2	0.0	0.0	9.2
1484	429260.05	5022049.53	95.31	0	D	1000	65.5	0.0	0.0	0.0	0.0	38.5	0.1	-2.1	0.0	0.0	16.8	0.0	0.0	12.2
1484	429260.05	5022049.53	95.31	0	D	2000	64.7	0.0	0.0	0.0	0.0	38.5	0.2	-2.1	0.0	0.0	20.0	0.0	0.0	8.1
1484	429260.05	5022049.53	95.31	0	D	4000	63.0	0.0	0.0	0.0	0.0	38.5	0.8	-2.1	0.0	0.0	23.0	0.0	0.0	2.9
1484	429260.05	5022049.53	95.31	0	D	8000	53.9	0.0	0.0	0.0	0.0	38.5	2.8	-2.1	0.0	0.0	23.9	0.0	0.0	-9.1
1484	429260.05	5022049.53	95.31	0	N	125	43.4	0.0	-3.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	-1.9
1484	429260.05	5022049.53	95.31	0	N	250	50.9	0.0	-3.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	9.3	0.0	0.0	2.2
1484	429260.05	5022049.53	95.31	0	N	500	58.8	0.0	-3.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	13.2	0.0	0.0	6.2
1484	429260.05	5022049.53	95.31	0	N	1000	65.5	0.0	-3.0	0.0	0.0	38.5	0.1	-2.1	0.0	0.0	16.8	0.0	0.0</	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-24"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1491	429259.03	5022050.63	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	1.0
1491	429259.03	5022050.63	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	9.4	0.0	0.0	5.1
1491	429259.03	5022050.63	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	13.3	0.0	0.0	9.1
1491	429259.03	5022050.63	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	38.5	0.1	-2.1	0.0	0.0	16.8	0.0	0.0	12.2
1491	429259.03	5022050.63	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	38.5	0.2	-2.1	0.0	0.0	20.0	0.0	0.0	8.0
1491	429259.03	5022050.63	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	38.5	0.8	-2.1	0.0	0.0	23.0	0.0	0.0	2.8
1491	429259.03	5022050.63	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	38.5	2.8	-2.1	0.0	0.0	23.9	0.0	0.0	-9.2
1491	429259.03	5022050.63	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	-2.0
1491	429259.03	5022050.63	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	9.4	0.0	0.0	2.1
1491	429259.03	5022050.63	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	13.3	0.0	0.0	6.1
1491	429259.03	5022050.63	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	38.5	0.1	-2.1	0.0	0.0	16.8	0.0	0.0	9.2
1491	429259.03	5022050.63	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	38.5	0.2	-2.1	0.0	0.0	20.0	0.0	0.0	5.0
1491	429259.03	5022050.63	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	38.5	0.8	-2.1	0.0	0.0	23.0	0.0	0.0	-0.2
1491	429259.03	5022050.63	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	38.5	2.8	-2.1	0.0	0.0	23.9	0.0	0.0	-12.2
1491	429259.03	5022050.63	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	6.0	0.0	0.0	-187.0
1491	429259.03	5022050.63	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	9.4	0.0	0.0	-182.9
1491	429259.03	5022050.63	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	38.5	0.0	-2.1	0.0	0.0	13.3	0.0	0.0	-178.9
1491	429259.03	5022050.63	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	38.5	0.1	-2.1	0.0	0.0	16.8	0.0	0.0	-175.8
1491	429259.03	5022050.63	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	38.5	0.2	-2.1	0.0	0.0	20.0	0.0	0.0	-180.0
1491	429259.03	5022050.63	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	38.5	0.8	-2.1	0.0	0.0	23.0	0.0	0.0	-185.2
1491	429259.03	5022050.63	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	38.5	2.8	-2.1	0.0	0.0	23.9	0.0	0.0	-197.2

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1498	429258.01	5022051.73	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	5.8	0.0	0.0	1.1
1498	429258.01	5022051.73	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	9.4	0.0	0.0	5.1
1498	429258.01	5022051.73	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	13.2	0.0	0.0	9.1
1498	429258.01	5022051.73	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	38.6	0.1	-2.1	0.0	0.0	16.5	0.0	0.0	12.4
1498	429258.01	5022051.73	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	38.6	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	8.4
1498	429258.01	5022051.73	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	38.6	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	3.2
1498	429258.01	5022051.73	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	38.6	2.8	-2.1	0.0	0.0	23.6	0.0	0.0	-9.0
1498	429258.01	5022051.73	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	5.8	0.0	0.0	-1.9
1498	429258.01	5022051.73	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	9.4	0.0	0.0	2.1
1498	429258.01	5022051.73	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	13.2	0.0	0.0	6.1
1498	429258.01	5022051.73	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	38.6	0.1	-2.1	0.0	0.0	16.5	0.0	0.0	9.4
1498	429258.01	5022051.73	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	38.6	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	5.4
1498	429258.01	5022051.73	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	38.6	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	0.2
1498	429258.01	5022051.73	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	38.6	2.8	-2.1	0.0	0.0	23.6	0.0	0.0	-12.0
1498	429258.01	5022051.73	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	5.8	0.0	0.0	-186.9
1498	429258.01	5022051.73	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	9.4	0.0	0.0	-182.9
1498	429258.01	5022051.73	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	13.2	0.0	0.0	-178.9
1498	429258.01	5022051.73	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	38.6	0.1	-2.1	0.0	0.0	16.5	0.0	0.0	-175.6
1498	429258.01	5022051.73	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	38.6	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	-179.6
1498	429258.01	5022051.73	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	38.6	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	-184.8
1498	429258.01	5022051.73	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	38.6	2.8	-2.1	0.0	0.0	23.6	0.0	0.0	-197.0

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-12"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
1505	429256.99	5022052.83	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	1.8
1505	429256.99	5022052.83	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	8.3	0.0	0.0	6.0
1505	429256.99	5022052.83	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	38.6	0.0	-2.1</						

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-12"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1505	429256.99	5022052.83	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	38.6	2.8	-2.1	0.0	0.0	22.8	0.0	0.0	-11.3	
1505	429256.99	5022052.83	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	-186.2	
1505	429256.99	5022052.83	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	8.3	0.0	0.0	-182.0	
1505	429256.99	5022052.83	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	38.6	0.0	-2.1	0.0	0.0	12.0	0.0	0.0	-177.8	
1505	429256.99	5022052.83	95.31	0 E	1000	65.5	0.0	-188.0	0.0	0.0	38.6	0.1	-2.1	0.0	0.0	15.3	0.0	0.0	-174.5	
1505	429256.99	5022052.83	95.31	0 E	2000	64.7	0.0	-188.0	0.0	0.0	38.6	0.2	-2.1	0.0	0.0	18.4	0.0	0.0	-178.5	
1505	429256.99	5022052.83	95.31	0 E	4000	63.0	0.0	-188.0	0.0	0.0	38.6	0.8	-2.1	0.0	0.0	21.4	0.0	0.0	-183.7	
1505	429256.99	5022052.83	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	38.6	2.8	-2.1	0.0	0.0	22.8	0.0	0.0	-196.3	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1512	429255.97	5022053.93	95.31	0 D	125	43.4	0.0	0.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	2.7	
1512	429255.97	5022053.93	95.31	0 D	250	50.9	0.0	0.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	6.3	0.0	0.0	7.9	
1512	429255.97	5022053.93	95.31	0 D	500	58.8	0.0	0.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	9.5	0.0	0.0	12.6	
1512	429255.97	5022053.93	95.31	0 D	1000	65.5	0.0	0.0	0.0	0.0	38.8	0.1	-2.1	0.0	0.0	12.7	0.0	0.0	16.1	
1512	429255.97	5022053.93	95.31	0 D	2000	64.7	0.0	0.0	0.0	0.0	38.8	0.2	-2.1	0.0	0.0	15.7	0.0	0.0	12.1	
1512	429255.97	5022053.93	95.31	0 D	4000	63.0	0.0	0.0	0.0	0.0	38.8	0.8	-2.1	0.0	0.0	18.7	0.0	0.0	6.8	
1512	429255.97	5022053.93	95.31	0 D	8000	53.9	0.0	0.0	0.0	0.0	38.8	2.9	-2.1	0.0	0.0	20.8	0.0	0.0	-6.4	
1512	429255.97	5022053.93	95.31	0 N	125	43.4	0.0	-3.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	-0.3	
1512	429255.97	5022053.93	95.31	0 N	250	50.9	0.0	-3.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	6.3	0.0	0.0	4.9	
1512	429255.97	5022053.93	95.31	0 N	500	58.8	0.0	-3.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	9.5	0.0	0.0	9.6	
1512	429255.97	5022053.93	95.31	0 N	1000	65.5	0.0	-3.0	0.0	0.0	38.8	0.1	-2.1	0.0	0.0	12.7	0.0	0.0	13.1	
1512	429255.97	5022053.93	95.31	0 N	2000	64.7	0.0	-3.0	0.0	0.0	38.8	0.2	-2.1	0.0	0.0	15.7	0.0	0.0	9.1	
1512	429255.97	5022053.93	95.31	0 N	4000	63.0	0.0	-3.0	0.0	0.0	38.8	0.8	-2.1	0.0	0.0	18.7	0.0	0.0	3.8	
1512	429255.97	5022053.93	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	38.8	2.9	-2.1	0.0	0.0	20.8	0.0	0.0	-9.4	
1512	429255.97	5022053.93	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	-185.3	
1512	429255.97	5022053.93	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	6.3	0.0	0.0	-180.1	
1512	429255.97	5022053.93	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	38.8	0.0	-2.1	0.0	0.0	9.5	0.0	0.0	-175.4	
1512	429255.97	5022053.93	95.31	0 E	1000	65.5	0.0	-188.0	0.0	0.0	38.8	0.1	-2.1	0.0	0.0	12.7	0.0	0.0	-171.9	
1512	429255.97	5022053.93	95.31	0 E	2000	64.7	0.0	-188.0	0.0	0.0	38.8	0.2	-2.1	0.0	0.0	15.7	0.0	0.0	-175.9	
1512	429255.97	5022053.93	95.31	0 E	4000	63.0	0.0	-188.0	0.0	0.0	38.8	0.8	-2.1	0.0	0.0	18.7	0.0	0.0	-181.2	
1512	429255.97	5022053.93	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	38.8	2.9	-2.1	0.0	0.0	20.8	0.0	0.0	-194.4	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-29"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1519	429258.95	5022048.51	95.31	0 D	125	43.4	0.0	0.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	5.7	0.0	0.0	0.8	
1519	429258.95	5022048.51	95.31	0 D	250	50.9	0.0	0.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	8.9	0.0	0.0	5.0	
1519	429258.95	5022048.51	95.31	0 D	500	58.8	0.0	0.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	12.8	0.0	0.0	9.1	
1519	429258.95	5022048.51	95.31	0 D	1000	65.5	0.0	0.0	0.0	0.0	39.0	0.1	-2.1	0.0	0.0	16.4	0.0	0.0	12.1	
1519	429258.95	5022048.51	95.31	0 D	2000	64.7	0.0	0.0	0.0	0.0	39.0	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	8.0	
1519	429258.95	5022048.51	95.31	0 D	4000	63.0	0.0	0.0	0.0	0.0	39.0	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	2.6	
1519	429258.95	5022048.51	95.31	0 D	8000	53.9	0.0	0.0	0.0	0.0	39.0	2.9	-2.1	0.0	0.0	23.8	0.0	0.0	-9.8	
1519	429258.95	5022048.51	95.31	0 N	125	43.4	0.0	-3.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	5.7	0.0	0.0	-2.2	
1519	429258.95	5022048.51	95.31	0 N	250	50.9	0.0	-3.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	8.9	0.0	0.0	2.0	
1519	429258.95	5022048.51	95.31	0 N	500	58.8	0.0	-3.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	12.8	0.0	0.0	6.0	
1519	429258.95	5022048.51	95.31	0 N	1000	65.5	0.0	-3.0	0.0	0.0	39.0	0.1	-2.1	0.0	0.0	16.4	0.0	0.0	9.1	
1519	429258.95	5022048.51	95.31	0 N	2000	64.7	0.0	-3.0	0.0	0.0	39.0	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	5.0	
1519	429258.95	5022048.51	95.31	0 N	4000	63.0	0.0	-3.0	0.0	0.0	39.0	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	-0.4	
1519	429258.95	5022048.51	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	39.0	2.9	-2.1	0.0	0.0	23.8	0.0	0.0	-12.8	
1519	429258.95	5022048.51	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	5.7	0.0	0.0	-187.2	
1519	429258.95	5022048.51	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	8.9	0.0	0.0	-183.0	
1519	429258.95	5022048.51	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	39.0									

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-23"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1526	429257.93	5022049.61	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	9.0	0.0	0.0	4.9
1526	429257.93	5022049.61	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	12.9	0.0	0.0	9.0
1526	429257.93	5022049.61	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	39.0	0.1	-2.1	0.0	0.0	16.4	0.0	0.0	12.1
1526	429257.93	5022049.61	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	39.0	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	8.0
1526	429257.93	5022049.61	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	39.0	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	2.6
1526	429257.93	5022049.61	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	39.0	2.9	-2.1	0.0	0.0	23.8	0.0	0.0	-9.8
1526	429257.93	5022049.61	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	5.7	0.0	0.0	-2.2
1526	429257.93	5022049.61	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	9.0	0.0	0.0	1.9
1526	429257.93	5022049.61	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	12.9	0.0	0.0	5.9
1526	429257.93	5022049.61	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	39.0	0.1	-2.1	0.0	0.0	16.4	0.0	0.0	9.1
1526	429257.93	5022049.61	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	39.0	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	4.9
1526	429257.93	5022049.61	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	39.0	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	-0.4
1526	429257.93	5022049.61	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	39.0	2.9	-2.1	0.0	0.0	23.8	0.0	0.0	-12.8
1526	429257.93	5022049.61	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	5.7	0.0	0.0	-187.2
1526	429257.93	5022049.61	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	9.0	0.0	0.0	-183.1
1526	429257.93	5022049.61	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	39.0	0.0	-2.1	0.0	0.0	12.9	0.0	0.0	-179.0
1526	429257.93	5022049.61	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	39.0	0.1	-2.1	0.0	0.0	16.4	0.0	0.0	-175.9
1526	429257.93	5022049.61	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	39.0	0.2	-2.1	0.0	0.0	19.6	0.0	0.0	-180.0
1526	429257.93	5022049.61	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.0	0.8	-2.1	0.0	0.0	22.6	0.0	0.0	-185.4
1526	429257.93	5022049.61	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.0	2.9	-2.1	0.0	0.0	23.8	0.0	0.0	-197.8

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-17"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1533	429256.91	5022050.71	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	5.4	0.0	0.0	1.0
1533	429256.91	5022050.71	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	8.8	0.0	0.0	5.1
1533	429256.91	5022050.71	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	12.6	0.0	0.0	9.2
1533	429256.91	5022050.71	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	39.1	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	12.4
1533	429256.91	5022050.71	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	39.1	0.2	-2.1	0.0	0.0	19.2	0.0	0.0	8.3
1533	429256.91	5022050.71	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	39.1	0.8	-2.1	0.0	0.0	22.2	0.0	0.0	2.9
1533	429256.91	5022050.71	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	39.1	3.0	-2.1	0.0	0.0	23.6	0.0	0.0	-9.6
1533	429256.91	5022050.71	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	5.4	0.0	0.0	-2.0
1533	429256.91	5022050.71	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	8.8	0.0	0.0	2.1
1533	429256.91	5022050.71	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	12.6	0.0	0.0	6.2
1533	429256.91	5022050.71	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	39.1	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	9.3
1533	429256.91	5022050.71	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	39.1	0.2	-2.1	0.0	0.0	19.2	0.0	0.0	5.2
1533	429256.91	5022050.71	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	39.1	0.8	-2.1	0.0	0.0	22.2	0.0	0.0	-0.1
1533	429256.91	5022050.71	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	39.1	3.0	-2.1	0.0	0.0	23.6	0.0	0.0	-12.6
1533	429256.91	5022050.71	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	5.4	0.0	0.0	-187.0
1533	429256.91	5022050.71	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	8.8	0.0	0.0	-182.9
1533	429256.91	5022050.71	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	39.1	0.0	-2.1	0.0	0.0	12.6	0.0	0.0	-178.8
1533	429256.91	5022050.71	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	39.1	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	-175.6
1533	429256.91	5022050.71	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	39.1	0.2	-2.1	0.0	0.0	19.2	0.0	0.0	-179.7
1533	429256.91	5022050.71	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.1	0.8	-2.1	0.0	0.0	22.2	0.0	0.0	-185.1
1533	429256.91	5022050.71	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.1	3.0	-2.1	0.0	0.0	23.6	0.0	0.0	-197.6

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-11"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1540	429255.89	5022051.81	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	39.2	0.0	-2.1	0.0	0.0	4.9	0.0	0.0	1.4
1540	429255.89	5022051.81	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	39.2	0.0	-2.1	0.0	0.0	8.2	0.0	0.0	5.6
1540	429255.89	5022051.81	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	39.2	0.0	-2.1	0.0	0.0	11.9	0.0	0.0	9.8
1540	429255.89	5022051.81	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	39.2	0.1	-2.1	0.0	0.0	15.2	0.0	0.0	13.2
1540	429255.89	5022051.81	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	39.2	0.2	-2.1	0.0	0.0	18.3	0.0	0.0	9.1
1540	429255.89	5022051.81	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	39.2	0.8	-2.1	0.0	0.0	21.3	0.0	0.0	3.8
1540	429255.89	5022051.81	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0									

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-11"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1540	429255.89	5022051.81	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	39.2	0.0	-2.1	0.0	0.0	4.9	0.0	0.0	-186.6
1540	429255.89	5022051.81	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	39.2	0.0	-2.1	0.0	0.0	8.2	0.0	0.0	-182.4
1540	429255.89	5022051.81	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	39.2	0.0	-2.1	0.0	0.0	11.9	0.0	0.0	-178.2
1540	429255.89	5022051.81	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	39.2	0.1	-2.1	0.0	0.0	15.2	0.0	0.0	-174.8
1540	429255.89	5022051.81	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	39.2	0.2	-2.1	0.0	0.0	18.3	0.0	0.0	-178.9
1540	429255.89	5022051.81	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.2	0.8	-2.1	0.0	0.0	21.3	0.0	0.0	-184.2
1540	429255.89	5022051.81	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.2	3.0	-2.1	0.0	0.0	22.9	0.0	0.0	-197.0

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1547	429254.87	5022052.90	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	2.2
1547	429254.87	5022052.90	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	6.5	0.0	0.0	7.2
1547	429254.87	5022052.90	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	9.8	0.0	0.0	11.7
1547	429254.87	5022052.90	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	39.3	0.1	-2.1	0.0	0.0	13.1	0.0	0.0	15.1
1547	429254.87	5022052.90	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	39.3	0.3	-2.1	0.0	0.0	16.2	0.0	0.0	11.1
1547	429254.87	5022052.90	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	39.3	0.8	-2.1	0.0	0.0	19.2	0.0	0.0	5.8
1547	429254.87	5022052.90	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	39.3	3.0	-2.1	0.0	0.0	21.3	0.0	0.0	-7.6
1547	429254.87	5022052.90	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	-0.8
1547	429254.87	5022052.90	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	6.5	0.0	0.0	4.2
1547	429254.87	5022052.90	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	9.8	0.0	0.0	8.7
1547	429254.87	5022052.90	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	39.3	0.1	-2.1	0.0	0.0	13.1	0.0	0.0	12.1
1547	429254.87	5022052.90	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	39.3	0.3	-2.1	0.0	0.0	16.2	0.0	0.0	8.1
1547	429254.87	5022052.90	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	39.3	0.8	-2.1	0.0	0.0	19.2	0.0	0.0	2.8
1547	429254.87	5022052.90	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	39.3	3.0	-2.1	0.0	0.0	21.3	0.0	0.0	-10.6
1547	429254.87	5022052.90	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	-185.8
1547	429254.87	5022052.90	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	6.5	0.0	0.0	-180.8
1547	429254.87	5022052.90	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	39.3	0.0	-2.1	0.0	0.0	9.8	0.0	0.0	-176.3
1547	429254.87	5022052.90	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	39.3	0.1	-2.1	0.0	0.0	13.1	0.0	0.0	-172.9
1547	429254.87	5022052.90	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	39.3	0.3	-2.1	0.0	0.0	16.2	0.0	0.0	-176.9
1547	429254.87	5022052.90	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.3	0.8	-2.1	0.0	0.0	19.2	0.0	0.0	-182.2
1547	429254.87	5022052.90	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.3	3.0	-2.1	0.0	0.0	21.3	0.0	0.0	-195.6

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
1554	429269.00	5022098.87	91.00	0 D		63	54.3	0.0	0.0	0.0	0.0	41.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.5
1554	429269.00	5022098.87	91.00	0 D		125	65.4	0.0	0.0	0.0	0.0	41.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	25.6
1554	429269.00	5022098.87	91.00	0 D		250	64.9	0.0	0.0	0.0	0.0	41.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	25.1
1554	429269.00	5022098.87	91.00	0 D		500	65.8	0.0	0.0	0.0	0.0	41.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	26.0
1554	429269.00	5022098.87	91.00	0 D		1000	65.0	0.0	0.0	0.0	0.0	41.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	25.1
1554	429269.00	5022098.87	91.00	0 D		2000	64.2	0.0	0.0	0.0	0.0	41.8	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	24.1
1554	429269.00	5022098.87	91.00	0 D		4000	58.0	0.0	0.0	0.0	0.0	41.8	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.1
1554	429269.00	5022098.87	91.00	0 D		8000	51.9	0.0	0.0	0.0	0.0	41.8	4.1	-2.1	0.0	0.0	0.0	0.0	0.0	8.1
1554	429269.00	5022098.87	91.00	0 N		63	54.3	0.0	-3.0	0.0	0.0	41.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.4
1554	429269.00	5022098.87	91.00	0 N		125	65.4	0.0	-3.0	0.0	0.0	41.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	22.6
1554	429269.00	5022098.87	91.00	0 N		250	64.9	0.0	-3.0	0.0	0.0	41.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	22.1
1554	429269.00	5022098.87	91.00	0 N		500	65.8	0.0	-3.0	0.0	0.0	41.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	23.0
1554	429269.00	5022098.87	91.00	0 N		1000	65.0	0.0	-3.0	0.0	0.0	41.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	22.1
1554	429269.00	5022098.87	91.00	0 N		2000	64.2	0.0	-3.0	0.0	0.0	41.8	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	21.1
1554	429269.00	5022098.87	91.00	0 N		4000	58.0	0.0	-3.0	0.0	0.0	41.8	1.1	-2.1	0.0	0.0	0.0	0.0	0.0	14.1
1554	429269.00	5022098.87	91.00	0 N		8000	51.9	0.0	-3.0	0.0	0.0	41.8	4.1	-2.1	0.0	0.0	0.0	0.0	0.0	5.1
1554	429269.00	5022098.87	91.00	0 E		63	54.3	0.0	-188.0	0.0	0.0	41.8	0.0	-3.0</td						

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1561	429269.00	5022098.87	91.00	1 N	8000	51.9	0.0	-3.0	0.0	0.0	47.4	7.7	-2.1	0.0	0.0	5.0	0.0	1.0	-10.2	
1561	429269.00	5022098.87	91.00	1 E	4000	58.0	0.0	-188.0	0.0	0.0	47.4	2.2	-2.1	0.0	0.0	4.9	0.0	1.0	-183.4	
1561	429269.00	5022098.87	91.00	1 E	8000	51.9	0.0	-188.0	0.0	0.0	47.4	7.7	-2.1	0.0	0.0	5.0	0.0	1.0	-195.1	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-28"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1568	429257.86	5022047.49	95.31	0 D	125	43.4	0.0	0.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	0.5	
1568	429257.86	5022047.49	95.31	0 D	250	50.9	0.0	0.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	4.8	
1568	429257.86	5022047.49	95.31	0 D	500	58.8	0.0	0.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	12.5	0.0	0.0	8.9	
1568	429257.86	5022047.49	95.31	0 D	1000	65.5	0.0	0.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	16.0	0.0	0.0	12.0	
1568	429257.86	5022047.49	95.31	0 D	2000	64.7	0.0	0.0	0.0	0.0	39.5	0.3	-2.1	0.0	0.0	19.2	0.0	0.0	7.8	
1568	429257.86	5022047.49	95.31	0 D	4000	63.0	0.0	0.0	0.0	0.0	39.5	0.9	-2.1	0.0	0.0	22.3	0.0	0.0	2.4	
1568	429257.86	5022047.49	95.31	0 D	8000	53.9	0.0	0.0	0.0	0.0	39.5	3.1	-2.1	0.0	0.0	23.8	0.0	0.0	-10.4	
1568	429257.86	5022047.49	95.31	0 N	125	43.4	0.0	-3.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	-2.5	
1568	429257.86	5022047.49	95.31	0 N	250	50.9	0.0	-3.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	1.8	
1568	429257.86	5022047.49	95.31	0 N	500	58.8	0.0	-3.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	12.5	0.0	0.0	5.8	
1568	429257.86	5022047.49	95.31	0 N	1000	65.5	0.0	-3.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	16.0	0.0	0.0	8.9	
1568	429257.86	5022047.49	95.31	0 N	2000	64.7	0.0	-3.0	0.0	0.0	39.5	0.3	-2.1	0.0	0.0	19.2	0.0	0.0	4.8	
1568	429257.86	5022047.49	95.31	0 N	4000	63.0	0.0	-3.0	0.0	0.0	39.5	0.9	-2.1	0.0	0.0	22.3	0.0	0.0	-0.6	
1568	429257.86	5022047.49	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	39.5	3.1	-2.1	0.0	0.0	23.8	0.0	0.0	-13.4	
1568	429257.86	5022047.49	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	-187.5	
1568	429257.86	5022047.49	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	-183.2	
1568	429257.86	5022047.49	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	12.5	0.0	0.0	-179.1	
1568	429257.86	5022047.49	95.31	0 E	1000	65.5	0.0	-188.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	16.0	0.0	0.0	-176.0	
1568	429257.86	5022047.49	95.31	0 E	2000	64.7	0.0	-188.0	0.0	0.0	39.5	0.3	-2.1	0.0	0.0	19.2	0.0	0.0	-180.2	
1568	429257.86	5022047.49	95.31	0 E	4000	63.0	0.0	-188.0	0.0	0.0	39.5	0.9	-2.1	0.0	0.0	22.3	0.0	0.0	-185.6	
1568	429257.86	5022047.49	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	39.5	3.1	-2.1	0.0	0.0	23.8	0.0	0.0	-198.4	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1575	429256.83	5022048.59	95.31	0 D	125	43.4	0.0	0.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	0.5	
1575	429256.83	5022048.59	95.31	0 D	250	50.9	0.0	0.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	4.7	
1575	429256.83	5022048.59	95.31	0 D	500	58.8	0.0	0.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	12.5	0.0	0.0	8.8	
1575	429256.83	5022048.59	95.31	0 D	1000	65.5	0.0	0.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	11.9	
1575	429256.83	5022048.59	95.31	0 D	2000	64.7	0.0	0.0	0.0	0.0	39.5	0.3	-2.1	0.0	0.0	19.2	0.0	0.0	7.8	
1575	429256.83	5022048.59	95.31	0 D	4000	63.0	0.0	0.0	0.0	0.0	39.5	0.9	-2.1	0.0	0.0	22.3	0.0	0.0	2.4	
1575	429256.83	5022048.59	95.31	0 D	8000	53.9	0.0	0.0	0.0	0.0	39.5	3.1	-2.1	0.0	0.0	23.8	0.0	0.0	-10.4	
1575	429256.83	5022048.59	95.31	0 N	125	43.4	0.0	-3.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	-2.5	
1575	429256.83	5022048.59	95.31	0 N	250	50.9	0.0	-3.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	1.7	
1575	429256.83	5022048.59	95.31	0 N	500	58.8	0.0	-3.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	12.5	0.0	0.0	5.8	
1575	429256.83	5022048.59	95.31	0 N	1000	65.5	0.0	-3.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	8.9	
1575	429256.83	5022048.59	95.31	0 N	2000	64.7	0.0	-3.0	0.0	0.0	39.5	0.3	-2.1	0.0	0.0	19.2	0.0	0.0	4.8	
1575	429256.83	5022048.59	95.31	0 N	4000	63.0	0.0	-3.0	0.0	0.0	39.5	0.9	-2.1	0.0	0.0	22.3	0.0	0.0	-0.6	
1575	429256.83	5022048.59	95.31	0 N	8000	53.9	0.0	-3.0	0.0	0.0	39.5	3.1	-2.1	0.0	0.0	23.8	0.0	0.0	-13.4	
1575	429256.83	5022048.59	95.31	0 E	125	43.4	0.0	-188.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	5.5	0.0	0.0	-187.5	
1575	429256.83	5022048.59	95.31	0 E	250	50.9	0.0	-188.0	0.0	0.0	39.5	0.0	-2.1	0.0	0.0	8.7	0.0	0.0	-183.3	
1575	429256.83	5022048.59	95.31	0 E	500	58.8	0.0	-188.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	12.5	0.0	0.0	-179.2	
1575	429256.83	5022048.59	95.31	0 E	1000	65.5	0.0	-188.0	0.0	0.0	39.5	0.1	-2.1	0.0	0.0	16.1	0.0	0.0	-176.1	
1575	429256.83	5022048.59	95.31	0 E	2000	64.7	0.0	-188.0	0.0	0.0	39.5	0.3	-2.1	0.0	0.0	19.2	0.0	0.0	-180.2	
1575	429256.83	5022048.59	95.31	0 E	4000	63.0	0.0	-188.0	0.0	0.0	39.5	0.9	-2.1	0.0	0.0	22.3	0.0	0.0	-185.6	
1575	429256.83	5022048.59	95.31	0 E	8000	53.9	0.0	-188.0	0.0	0.0	39.5	3.1	-2.1	0.0	0.0	23.8	0.0	0.0	-198.4	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-16"																			
Nr.	X	Y	Z	Refl.	DEN</th														

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-16"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1582	429255.81	5022049.69	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	39.6	3.1	-2.1	0.0	0.0	23.5	0.0	0.0	-10.2
1582	429255.81	5022049.69	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	5.2	0.0	0.0	-2.3
1582	429255.81	5022049.69	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	1.9
1582	429255.81	5022049.69	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	12.3	0.0	0.0	6.0
1582	429255.81	5022049.69	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	9.1
1582	429255.81	5022049.69	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	39.6	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	5.0
1582	429255.81	5022049.69	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	39.6	0.9	-2.1	0.0	0.0	21.9	0.0	0.0	-0.3
1582	429255.81	5022049.69	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	39.6	3.1	-2.1	0.0	0.0	23.5	0.0	0.0	-13.3
1582	429255.81	5022049.69	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	5.2	0.0	0.0	-187.3
1582	429255.81	5022049.69	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	-183.1
1582	429255.81	5022049.69	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	12.3	0.0	0.0	-179.0
1582	429255.81	5022049.69	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	-175.8
1582	429255.81	5022049.69	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	39.6	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	-179.9
1582	429255.81	5022049.69	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.6	0.9	-2.1	0.0	0.0	21.9	0.0	0.0	-185.3
1582	429255.81	5022049.69	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.6	3.1	-2.1	0.0	0.0	23.5	0.0	0.0	-198.2

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-10"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1589	429254.79	5022050.78	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	4.9	0.0	0.0	1.0
1589	429254.79	5022050.78	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	8.1	0.0	0.0	5.2
1589	429254.79	5022050.78	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	11.8	0.0	0.0	9.4
1589	429254.79	5022050.78	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	15.1	0.0	0.0	12.8
1589	429254.79	5022050.78	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	39.6	0.3	-2.1	0.0	0.0	18.1	0.0	0.0	8.8
1589	429254.79	5022050.78	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	39.6	0.9	-2.1	0.0	0.0	21.1	0.0	0.0	3.4
1589	429254.79	5022050.78	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	39.6	3.2	-2.1	0.0	0.0	23.0	0.0	0.0	-9.8
1589	429254.79	5022050.78	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	4.9	0.0	0.0	-2.0
1589	429254.79	5022050.78	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	8.1	0.0	0.0	2.2
1589	429254.79	5022050.78	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	11.8	0.0	0.0	6.4
1589	429254.79	5022050.78	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	15.1	0.0	0.0	9.8
1589	429254.79	5022050.78	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	39.6	0.3	-2.1	0.0	0.0	18.1	0.0	0.0	5.7
1589	429254.79	5022050.78	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	39.6	0.9	-2.1	0.0	0.0	21.1	0.0	0.0	0.4
1589	429254.79	5022050.78	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	39.6	3.2	-2.1	0.0	0.0	23.0	0.0	0.0	-12.8
1589	429254.79	5022050.78	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	4.9	0.0	0.0	-187.0
1589	429254.79	5022050.78	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	39.6	0.0	-2.1	0.0	0.0	8.1	0.0	0.0	-182.8
1589	429254.79	5022050.78	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	11.8	0.0	0.0	-178.6
1589	429254.79	5022050.78	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	39.6	0.1	-2.1	0.0	0.0	15.1	0.0	0.0	-175.2
1589	429254.79	5022050.78	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	39.6	0.3	-2.1	0.0	0.0	18.1	0.0	0.0	-179.2
1589	429254.79	5022050.78	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.6	0.9	-2.1	0.0	0.0	21.1	0.0	0.0	-184.6
1589	429254.79	5022050.78	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.6	3.2	-2.1	0.0	0.0	23.0	0.0	0.0	-197.8

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1595	429253.77	5022051.88	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	39.7	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	1.7
1595	429253.77	5022051.88	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	39.7	0.0	-2.1	0.0	0.0	6.7	0.0	0.0	6.6
1595	429253.77	5022051.88	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	39.7	0.1	-2.1	0.0	0.0	10.1	0.0	0.0	11.0
1595	429253.77	5022051.88	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	39.7	0.1	-2.1	0.0	0.0	13.4	0.0	0.0	14.3
1595	429253.77	5022051.88	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	39.7	0.3	-2.1	0.0	0.0	16.5	0.0	0.0	10.3
1595	429253.77	5022051.88	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	39.7	0.9	-2.1	0.0	0.0	19.5	0.0	0.0	4.9
1595	429253.77	5022051.88	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	39.7	3.2	-2.1	0.0	0.0	21.7	0.0	0.0	-8.6
1595	429253.77	5022051.88	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	39.7	0.0	-2.1	0.0	0.0	4.0	0.0	0.0	-1.3
1595	429253.77	5022051.88	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	39.7	0.0							

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1595	429253.77	5022051.88	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	39.7	0.9	-2.1	0.0	0.0	19.5	0.0	0.0	-183.1
1595	429253.77	5022051.88	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	39.7	3.2	-2.1	0.0	0.0	21.7	0.0	0.0	-196.6

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1601	429270.00	5022101.25	91.00	0 D		63	54.3	0.0	0.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	15.0
1601	429270.00	5022101.25	91.00	0 D		125	65.4	0.0	0.0	0.0	0.0	42.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	25.1
1601	429270.00	5022101.25	91.00	0 D		250	64.9	0.0	0.0	0.0	0.0	42.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	24.6
1601	429270.00	5022101.25	91.00	0 D		500	65.8	0.0	0.0	0.0	0.0	42.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	25.5
1601	429270.00	5022101.25	91.00	0 D		1000	65.0	0.0	0.0	0.0	0.0	42.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	24.6
1601	429270.00	5022101.25	91.00	0 D		2000	64.2	0.0	0.0	0.0	0.0	42.3	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	23.6
1601	429270.00	5022101.25	91.00	0 D		4000	58.0	0.0	0.0	0.0	0.0	42.3	1.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.5
1601	429270.00	5022101.25	91.00	0 D		8000	51.9	0.0	0.0	0.0	0.0	42.3	4.3	-2.1	0.0	0.0	0.0	0.0	0.0	7.3
1601	429270.00	5022101.25	91.00	0 N		63	54.3	0.0	-3.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.9
1601	429270.00	5022101.25	91.00	0 N		125	65.4	0.0	-3.0	0.0	0.0	42.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	22.1
1601	429270.00	5022101.25	91.00	0 N		250	64.9	0.0	-3.0	0.0	0.0	42.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.6
1601	429270.00	5022101.25	91.00	0 N		500	65.8	0.0	-3.0	0.0	0.0	42.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	22.5
1601	429270.00	5022101.25	91.00	0 N		1000	65.0	0.0	-3.0	0.0	0.0	42.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.6
1601	429270.00	5022101.25	91.00	0 N		2000	64.2	0.0	-3.0	0.0	0.0	42.3	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	20.6
1601	429270.00	5022101.25	91.00	0 N		4000	58.0	0.0	-3.0	0.0	0.0	42.3	1.2	-2.1	0.0	0.0	0.0	0.0	0.0	13.5
1601	429270.00	5022101.25	91.00	0 N		8000	51.9	0.0	-3.0	0.0	0.0	42.3	4.3	-2.1	0.0	0.0	0.0	0.0	0.0	4.3
1601	429270.00	5022101.25	91.00	0 E		63	54.3	0.0	-188.0	0.0	0.0	42.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.0
1601	429270.00	5022101.25	91.00	0 E		125	65.4	0.0	-188.0	0.0	0.0	42.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-162.9
1601	429270.00	5022101.25	91.00	0 E		250	64.9	0.0	-188.0	0.0	0.0	42.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-163.4
1601	429270.00	5022101.25	91.00	0 E		500	65.8	0.0	-188.0	0.0	0.0	42.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-162.5
1601	429270.00	5022101.25	91.00	0 E		1000	65.0	0.0	-188.0	0.0	0.0	42.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-163.4
1601	429270.00	5022101.25	91.00	0 E		2000	64.2	0.0	-188.0	0.0	0.0	42.3	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-164.4
1601	429270.00	5022101.25	91.00	0 E		4000	58.0	0.0	-188.0	0.0	0.0	42.3	1.2	-2.1	0.0	0.0	0.0	0.0	0.0	-171.5
1601	429270.00	5022101.25	91.00	0 E		8000	51.9	0.0	-188.0	0.0	0.0	42.3	4.3	-2.1	0.0	0.0	0.0	0.0	0.0	-180.7
1607	429270.00	5022101.25	91.00	1 D		8000	51.9	0.0	0.0	0.0	0.0	47.8	8.0	-2.1	0.0	0.0	4.8	0.0	1.0	-7.6
1607	429270.00	5022101.25	91.00	1 N		8000	51.9	0.0	-3.0	0.0	0.0	47.8	8.0	-2.1	0.0	0.0	4.8	0.0	1.0	-10.6
1607	429270.00	5022101.25	91.00	1 E		8000	51.9	0.0	-188.0	0.0	0.0	47.8	8.0	-2.1	0.0	0.0	4.8	0.0	1.0	-195.6

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-27"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1612	429256.76	5022046.47	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.3	0.0	0.0	0.2
1612	429256.76	5022046.47	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.4	0.0	0.0	4.5
1612	429256.76	5022046.47	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.2	0.0	0.0	8.6
1612	429256.76	5022046.47	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	11.7
1612	429256.76	5022046.47	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	7.6
1612	429256.76	5022046.47	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	22.0	0.0	0.0	2.2
1612	429256.76	5022046.47	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.7	0.0	0.0	-11.0
1612	429256.76	5022046.47	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.3	0.0	0.0	-2.8
1612	429256.76	5022046.47	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.4	0.0	0.0	1.5
1612	429256.76	5022046.47	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.2	0.0	0.0	5.6
1612	429256.76	5022046.47	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	8.7
1612	429256.76	5022046.47	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	4.6
1612	429256.76	5022046.47	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	22.0	0.0	0.0	-0.8
1612	429256.76	5022046.47	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.7	0.0	0.0	-14.0
1612	429256.76	5022046.47	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.3	0.0	0.0	-187.8
1612	429256.76	5022046.47	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.				

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1617	429255.74	5022047.57	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	4.5
1617	429255.74	5022047.57	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.3	0.0	0.0	8.6
1617	429255.74	5022047.57	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	11.7
1617	429255.74	5022047.57	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	7.6
1617	429255.74	5022047.57	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	22.0	0.0	0.0	2.2
1617	429255.74	5022047.57	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.7	0.0	0.0	-11.0
1617	429255.74	5022047.57	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.3	0.0	0.0	-2.8
1617	429255.74	5022047.57	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	1.5
1617	429255.74	5022047.57	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.3	0.0	0.0	5.5
1617	429255.74	5022047.57	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	8.7
1617	429255.74	5022047.57	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	4.6
1617	429255.74	5022047.57	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	22.0	0.0	0.0	-0.8
1617	429255.74	5022047.57	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.7	0.0	0.0	-14.0
1617	429255.74	5022047.57	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.3	0.0	0.0	-187.8
1617	429255.74	5022047.57	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.5	0.0	0.0	-183.5
1617	429255.74	5022047.57	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.3	0.0	0.0	-179.4
1617	429255.74	5022047.57	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.8	0.0	0.0	-176.3
1617	429255.74	5022047.57	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.9	0.0	0.0	-180.4
1617	429255.74	5022047.57	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	22.0	0.0	0.0	-185.8
1617	429255.74	5022047.57	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.7	0.0	0.0	-199.0

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1622	429254.71	5022048.66	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	0.4
1622	429254.71	5022048.66	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.3	0.0	0.0	4.6
1622	429254.71	5022048.66	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.1	0.0	0.0	8.7
1622	429254.71	5022048.66	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.5	0.0	0.0	11.9
1622	429254.71	5022048.66	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.7	0.0	0.0	7.8
1622	429254.71	5022048.66	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	21.7	0.0	0.0	2.4
1622	429254.71	5022048.66	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.5	0.0	0.0	-10.9
1622	429254.71	5022048.66	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	-2.7
1622	429254.71	5022048.66	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.3	0.0	0.0	1.6
1622	429254.71	5022048.66	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.1	0.0	0.0	5.7
1622	429254.71	5022048.66	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.5	0.0	0.0	8.9
1622	429254.71	5022048.66	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.7	0.0	0.0	4.8
1622	429254.71	5022048.66	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	21.7	0.0	0.0	-0.6
1622	429254.71	5022048.66	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.5	0.0	0.0	-13.9
1622	429254.71	5022048.66	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	5.1	0.0	0.0	-187.6
1622	429254.71	5022048.66	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	40.0	0.0	-2.1	0.0	0.0	8.3	0.0	0.0	-183.4
1622	429254.71	5022048.66	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	12.1	0.0	0.0	-179.3
1622	429254.71	5022048.66	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	40.0	0.1	-2.1	0.0	0.0	15.5	0.0	0.0	-176.1
1622	429254.71	5022048.66	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	40.0	0.3	-2.1	0.0	0.0	18.7	0.0	0.0	-180.2
1622	429254.71	5022048.66	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	40.0	0.9	-2.1	0.0	0.0	21.7	0.0	0.0	-185.6
1622	429254.71	5022048.66	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	40.0	3.3	-2.1	0.0	0.0	23.5	0.0	0.0	-198.9

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1627	429253.69	5022049.76	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	40.1	0.0	-2.1	0.0	0.0	4.7	0.0	0.0	0.7
1627	429253.69	5022049.76	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	40.1	0.0	-2.1	0.0	0.0	7.8	0.0	0.0	5.1
1627	429253.69	5022049.76	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	40.1	0.1	-2.1	0.0	0.0	11.5	0.0	0.0	9.2
1627	429253.69	5022049.76	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	40.1	0.1	-2.1						

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1627	429253.69	5022049.76	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	40.1	0.0	-2.1	0.0	0.0	4.7	0.0	0.0	-187.3
1627	429253.69	5022049.76	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	40.1	0.0	-2.1	0.0	0.0	7.8	0.0	0.0	-182.9
1627	429253.69	5022049.76	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	40.1	0.1	-2.1	0.0	0.0	11.5	0.0	0.0	-178.8
1627	429253.69	5022049.76	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	40.1	0.1	-2.1	0.0	0.0	14.9	0.0	0.0	-175.5
1627	429253.69	5022049.76	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	40.1	0.3	-2.1	0.0	0.0	18.0	0.0	0.0	-179.6
1627	429253.69	5022049.76	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	40.1	0.9	-2.1	0.0	0.0	21.0	0.0	0.0	-185.0
1627	429253.69	5022049.76	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	40.1	3.3	-2.1	0.0	0.0	23.0	0.0	0.0	-198.4

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1632	429269.00	5022102.65	91.00	0 D		63	54.3	0.0	0.0	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.6
1632	429269.00	5022102.65	91.00	0 D		125	65.4	0.0	0.0	0.0	0.0	42.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	24.8
1632	429269.00	5022102.65	91.00	0 D		250	64.9	0.0	0.0	0.0	0.0	42.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	24.3
1632	429269.00	5022102.65	91.00	0 D		500	65.8	0.0	0.0	0.0	0.0	42.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	25.1
1632	429269.00	5022102.65	91.00	0 D		1000	65.0	0.0	0.0	0.0	0.0	42.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	24.3
1632	429269.00	5022102.65	91.00	0 D		2000	64.2	0.0	0.0	0.0	0.0	42.7	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	23.2
1632	429269.00	5022102.65	91.00	0 D		4000	58.0	0.0	0.0	0.0	0.0	42.7	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	16.1
1632	429269.00	5022102.65	91.00	0 D		8000	51.9	0.0	0.0	0.0	0.0	42.7	4.5	-2.1	0.0	0.0	0.0	0.0	0.0	6.8
1632	429269.00	5022102.65	91.00	0 N		63	54.3	0.0	-3.0	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.6
1632	429269.00	5022102.65	91.00	0 N		125	65.4	0.0	-3.0	0.0	0.0	42.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.8
1632	429269.00	5022102.65	91.00	0 N		250	64.9	0.0	-3.0	0.0	0.0	42.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.2
1632	429269.00	5022102.65	91.00	0 N		500	65.8	0.0	-3.0	0.0	0.0	42.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	22.1
1632	429269.00	5022102.65	91.00	0 N		1000	65.0	0.0	-3.0	0.0	0.0	42.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.2
1632	429269.00	5022102.65	91.00	0 N		2000	64.2	0.0	-3.0	0.0	0.0	42.7	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	20.2
1632	429269.00	5022102.65	91.00	0 N		4000	58.0	0.0	-3.0	0.0	0.0	42.7	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	13.1
1632	429269.00	5022102.65	91.00	0 N		8000	51.9	0.0	-3.0	0.0	0.0	42.7	4.5	-2.1	0.0	0.0	0.0	0.0	0.0	3.8
1632	429269.00	5022102.65	91.00	0 E		63	54.3	0.0	-188.0	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.4
1632	429269.00	5022102.65	91.00	0 E		125	65.4	0.0	-188.0	0.0	0.0	42.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-163.2
1632	429269.00	5022102.65	91.00	0 E		250	64.9	0.0	-188.0	0.0	0.0	42.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-163.7
1632	429269.00	5022102.65	91.00	0 E		500	65.8	0.0	-188.0	0.0	0.0	42.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-162.9
1632	429269.00	5022102.65	91.00	0 E		1000	65.0	0.0	-188.0	0.0	0.0	42.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-163.7
1632	429269.00	5022102.65	91.00	0 E		2000	64.2	0.0	-188.0	0.0	0.0	42.7	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-164.8
1632	429269.00	5022102.65	91.00	0 E		4000	58.0	0.0	-188.0	0.0	0.0	42.7	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	-171.9
1632	429269.00	5022102.65	91.00	0 E		8000	51.9	0.0	-188.0	0.0	0.0	42.7	4.5	-2.1	0.0	0.0	0.0	0.0	0.0	-181.2
1637	429269.00	5022102.65	91.00	1 D		8000	51.9	0.0	0.0	0.0	0.0	47.9	8.2	-2.1	0.0	0.0	4.8	0.0	1.0	-7.8
1637	429269.00	5022102.65	91.00	1 N		8000	51.9	0.0	-3.0	0.0	0.0	47.9	8.2	-2.1	0.0	0.0	4.8	0.0	1.0	-10.8
1637	429269.00	5022102.65	91.00	1 E		8000	51.9	0.0	-188.0	0.0	0.0	47.9	8.2	-2.1	0.0	0.0	4.8	0.0	1.0	-195.8

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1642	429252.67	5022050.86	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	40.2	0.0	-2.1	0.0	0.0	4.1	0.0	0.0	1.2
1642	429252.67	5022050.86	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	40.2	0.0	-2.1	0.0	0.0	6.8	0.0	0.0	6.0
1642	429252.67	5022050.86	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	40.2	0.1	-2.1	0.0	0.0	10.3	0.0	0.0	10.4
1642	429252.67	5022050.86	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	40.2	0.1	-2.1	0.0	0.0	13.6	0.0	0.0	13.7
1642	429252.67	5022050.86	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	40.2	0.3	-2.1	0.0	0.0	16.7	0.0	0.0	9.6
1642	429252.67	5022050.86	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	40.2	0.9	-2.1	0.0	0.0	19.7	0.0	0.0	4.3
1642	429252.67	5022050.86	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	40.2	3.4	-2.1	0.0	0.0	21.9	0.0	0.0	-9.5
1642	429252.67	5022050.86	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	40.2	0.0	-2.1	0.0	0.0	4.1	0.0	0.0	-1.8
1642	429252.67	5022050.86	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	40.2	0.0	-2.1	0.0	0.0	6.8	0.0	0.0	3.0
1642	429252.67	5022050.86	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	40.2	0.1	-2.1	0.0	0.0	10.3	0.0	0.0	7.4
1642	429252.67	5022050.86	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	40.2	0.1	-2.1						

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1647	429267.00	5022104.62	91.00	0 D		63	54.3	0.0	0.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	14.1
1647	429267.00	5022104.62	91.00	0 D		125	65.4	0.0	0.0	0.0	0.0	43.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	24.3
1647	429267.00	5022104.62	91.00	0 D		250	64.9	0.0	0.0	0.0	0.0	43.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	23.7
1647	429267.00	5022104.62	91.00	0 D		500	65.8	0.0	0.0	0.0	0.0	43.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	24.6
1647	429267.00	5022104.62	91.00	0 D		1000	65.0	0.0	0.0	0.0	0.0	43.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	23.7
1647	429267.00	5022104.62	91.00	0 D		2000	64.2	0.0	0.0	0.0	0.0	43.2	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	22.7
1647	429267.00	5022104.62	91.00	0 D		4000	58.0	0.0	0.0	0.0	0.0	43.2	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	15.5
1647	429267.00	5022104.62	91.00	0 D		8000	51.9	0.0	0.0	0.0	0.0	43.2	4.8	-2.1	0.0	0.0	0.0	0.0	0.0	6.0
1647	429267.00	5022104.62	91.00	0 N		63	54.3	0.0	-3.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.1
1647	429267.00	5022104.62	91.00	0 N		125	65.4	0.0	-3.0	0.0	0.0	43.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.2
1647	429267.00	5022104.62	91.00	0 N		250	64.9	0.0	-3.0	0.0	0.0	43.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	20.7
1647	429267.00	5022104.62	91.00	0 N		500	65.8	0.0	-3.0	0.0	0.0	43.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.6
1647	429267.00	5022104.62	91.00	0 N		1000	65.0	0.0	-3.0	0.0	0.0	43.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.7
1647	429267.00	5022104.62	91.00	0 N		2000	64.2	0.0	-3.0	0.0	0.0	43.2	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	19.7
1647	429267.00	5022104.62	91.00	0 N		4000	58.0	0.0	-3.0	0.0	0.0	43.2	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	12.5
1647	429267.00	5022104.62	91.00	0 N		8000	51.9	0.0	-3.0	0.0	0.0	43.2	4.8	-2.1	0.0	0.0	0.0	0.0	0.0	3.0
1647	429267.00	5022104.62	91.00	0 E		63	54.3	0.0	-188.0	0.0	0.0	43.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.9
1647	429267.00	5022104.62	91.00	0 E		125	65.4	0.0	-188.0	0.0	0.0	43.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-163.7
1647	429267.00	5022104.62	91.00	0 E		250	64.9	0.0	-188.0	0.0	0.0	43.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-164.3
1647	429267.00	5022104.62	91.00	0 E		500	65.8	0.0	-188.0	0.0	0.0	43.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-163.4
1647	429267.00	5022104.62	91.00	0 E		1000	65.0	0.0	-188.0	0.0	0.0	43.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-164.3
1647	429267.00	5022104.62	91.00	0 E		2000	64.2	0.0	-188.0	0.0	0.0	43.2	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-165.3
1647	429267.00	5022104.62	91.00	0 E		4000	58.0	0.0	-188.0	0.0	0.0	43.2	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	-172.5
1647	429267.00	5022104.62	91.00	0 E		8000	51.9	0.0	-188.0	0.0	0.0	43.2	4.8	-2.1	0.0	0.0	0.0	0.0	0.0	-182.0
1652	429267.00	5022104.62	91.00	1 D		8000	51.9	0.0	0.0	0.0	0.0	48.0	8.3	-2.1	0.0	0.0	0.0	0.0	1.0	-3.3
1652	429267.00	5022104.62	91.00	1 N		8000	51.9	0.0	-3.0	0.0	0.0	48.0	8.3	-2.1	0.0	0.0	0.0	0.0	1.0	-6.3
1652	429267.00	5022104.62	91.00	1 E		8000	51.9	0.0	-188.0	0.0	0.0	48.0	8.3	-2.1	0.0	0.0	0.0	0.0	1.0	-191.3

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1657	429265.00	5022106.01	91.00	0 D		63	54.3	0.0	0.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	13.7
1657	429265.00	5022106.01	91.00	0 D		125	65.4	0.0	0.0	0.0	0.0	43.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	23.9
1657	429265.00	5022106.01	91.00	0 D		250	64.9	0.0	0.0	0.0	0.0	43.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	23.3
1657	429265.00	5022106.01	91.00	0 D		500	65.8	0.0	0.0	0.0	0.0	43.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	24.2
1657	429265.00	5022106.01	91.00	0 D		1000	65.0	0.0	0.0	0.0	0.0	43.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	23.3
1657	429265.00	5022106.01	91.00	0 D		2000	64.2	0.0	0.0	0.0	0.0	43.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	22.3
1657	429265.00	5022106.01	91.00	0 D		4000	58.0	0.0	0.0	0.0	0.0	43.6	1.4	-2.1	0.0	0.0	0.0	0.0	0.0	15.1
1657	429265.00	5022106.01	91.00	0 D		8000	51.9	0.0	0.0	0.0	0.0	43.6	5.0	-2.1	0.0	0.0	0.0	0.0	0.0	5.4
1657	429265.00	5022106.01	91.00	0 N		63	54.3	0.0	-3.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.7
1657	429265.00	5022106.01	91.00	0 N		125	65.4	0.0	-3.0	0.0	0.0	43.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	20.9
1657	429265.00	5022106.01	91.00	0 N		250	64.9	0.0	-3.0	0.0	0.0	43.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	20.3
1657	429265.00	5022106.01	91.00	0 N		500	65.8	0.0	-3.0	0.0	0.0	43.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.2
1657	429265.00	5022106.01	91.00	0 N		1000	65.0	0.0	-3.0	0.0	0.0	43.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	20.3
1657	429265.00	5022106.01	91.00	0 N		2000	64.2	0.0	-3.0	0.0	0.0	43.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	12.1
1657	429265.00	5022106.01	91.00	0 N		4000	58.0	0.0	-3.0	0.0	0.0	43.6	1.4	-2.1	0.0	0.0	0.0	0.0	0.0	2.4
1657	429265.00	5022106.01	91.00	0 N		8000	51.9	0.0	-3.0	0.0	0.0	43.6	5.0	-2.1	0.0	0.0	0.0	0.0	0.0	-174.3
1657	429265.00	5022106.01	91.00	0 E		63	54.3	0.0	-188.0	0.0	0.0	43.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-164.1
1657	429265.00	5022106.01	91.00	0 E		125	65.4	0.0	-188.0	0.0	0.0	43.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-164.7
1657	429265.00	5022106.01	91.00	0 E		250	64.9	0.0	-188.0	0.0	0.0	43.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-163.8
1657	429265.00	5022106.01	91.00	0 E		500	65.8	0.0	-188.0	0.0	0.0	43.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-164.7
1657	429265.00	5022106.01	91.00	0 E		1000	65.0	0.0	-188.0	0.0	0.0	43.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-165.7
1657	429265.00	5022106.01	91.00	0 E		2000	64.2	0.0	-188.0	0.0	0.0	43.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-172.9
1657	429265.00	5022106.01	91.00	0 E		4000	58.0	0.0	-188.0	0.0	0.0	43.6	1.4	-2.1	0.0	0.0	0.0	0.0	0.0	-182.6

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Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A))							
1662	429261.00	5022107.70	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	44.2	0.2	-2.1	0.0	0.0	0.0	0.0	22.7	
1662	429261.00	5022107.70	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	44.2	0.4	-2.1	0.0	0.0	0.0	0.0	21.7	
1662	429261.00	5022107.70	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	44.2	1.5	-2.1	0.0	0.0	0.0	0.0	14.4	
1662	429261.00	5022107.70	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	44.2	5.3	-2.1	0.0	0.0	0.0	0.0	4.5	
1662	429261.00	5022107.70	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	0.0	0.0	10.1	
1662	429261.00	5022107.70	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	20.3	
1662	429261.00	5022107.70	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	19.8	
1662	429261.00	5022107.70	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	44.2	0.1	-2.1	0.0	0.0	0.0	0.0	20.6	
1662	429261.00	5022107.70	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	44.2	0.2	-2.1	0.0	0.0	0.0	0.0	19.7	
1662	429261.00	5022107.70	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	44.2	0.4	-2.1	0.0	0.0	0.0	0.0	18.7	
1662	429261.00	5022107.70	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	44.2	1.5	-2.1	0.0	0.0	0.0	0.0	11.4	
1662	429261.00	5022107.70	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	44.2	5.3	-2.1	0.0	0.0	0.0	0.0	1.5	
1662	429261.00	5022107.70	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	44.2	0.0	-3.0	0.0	0.0	0.0	0.0	-174.9	
1662	429261.00	5022107.70	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	-164.7	
1662	429261.00	5022107.70	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	44.2	0.0	-2.1	0.0	0.0	0.0	0.0	-165.2	
1662	429261.00	5022107.70	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	44.2	0.1	-2.1	0.0	0.0	0.0	0.0	-164.4	
1662	429261.00	5022107.70	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	44.2	0.2	-2.1	0.0	0.0	0.0	0.0	-165.3	
1662	429261.00	5022107.70	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	44.2	0.4	-2.1	0.0	0.0	0.0	0.0	-166.3	
1662	429261.00	5022107.70	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	44.2	1.5	-2.1	0.0	0.0	0.0	0.0	-173.6	
1662	429261.00	5022107.70	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	44.2	5.3	-2.1	0.0	0.0	0.0	0.0	-183.5	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1667	429262.00	5022110.48	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	12.7
1667	429262.00	5022110.48	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	44.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	22.9
1667	429262.00	5022110.48	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	44.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	22.3
1667	429262.00	5022110.48	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	44.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	23.2
1667	429262.00	5022110.48	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	44.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	22.3
1667	429262.00	5022110.48	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	44.6	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	21.2
1667	429262.00	5022110.48	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	44.6	1.6	-2.1	0.0	0.0	0.0	0.0	0.0	13.9
1667	429262.00	5022110.48	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	44.6	5.6	-2.1	0.0	0.0	0.0	0.0	0.0	3.8
1667	429262.00	5022110.48	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	9.7
1667	429262.00	5022110.48	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	44.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	19.9
1667	429262.00	5022110.48	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	44.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	19.3
1667	429262.00	5022110.48	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	44.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.2
1667	429262.00	5022110.48	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	44.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	19.3
1667	429262.00	5022110.48	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	44.6	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	18.2
1667	429262.00	5022110.48	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	44.6	1.6	-2.1	0.0	0.0	0.0	0.0	0.0	10.9
1667	429262.00	5022110.48	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	44.6	5.6	-2.1	0.0	0.0	0.0	0.0	0.0	0.8
1667	429262.00	5022110.48	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-175.3
1667	429262.00	5022110.48	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	44.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-165.1
1667	429262.00	5022110.48	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	44.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-165.7
1667	429262.00	5022110.48	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	44.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-164.8
1667	429262.00	5022110.48	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	44.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-165.7
1667	429262.00	5022110.48	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	44.6	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	-166.8
1667	429262.00	5022110.48	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	44.6	1.6	-2.1	0.0	0.0	0.0	0.0	0.0	-174.1
1667	429262.00	5022110.48	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	44.6	5.6	-2.1	0.0	0.0	0.0	0.0	0.0	-184.2

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1672	429261.00	5022113.50	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	0.0	0.0	12.1	
1672	429261.00	5022113.50	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	45.2	0.0	-2.1	0.0	0.0	0.0	0.0	22.3	
1672	429261.00	5022113.50	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	45.2	0.1	-2.1	0.0	0.0	0.0	0.0	21.8	
1672	429261.00	5022113.50	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	45.2	0.1	-2.1	0.0	0.0	0.0	0.0	22.6	
1672	429261.00	5022113.50	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	45.2	0.2	-2.1	0.0	0.0	0.0	0.0	21.8	
1672	429261.00	5022113.50	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	45.2	0.5	-2.1	0.0	0.0	0.0	0.0	20.6	
1672	429261.00	5022113.50	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	45.2	1.7	-2.1	0.0	0.0	0.0	0.0	13.3	
1672	429261.00	5022113.50	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	45.2	6.0	-2.1	0.0	0.0	0.0	0.0	2.9	
1672	429261.00	5022113.50	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	0.0	0.0	9.1	
1672	429261.00	5022113.50	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	45.2	0.0	-2.1	0.0	0.0	0.0	0.0	19.3	
1672	429261.00	5022113.50	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	45.2	0.1	-2.1	0.0	0.0	0.0	0.0	18.8	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-08"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1672	429261.00	5022113.50	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	45.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	19.6
1672	429261.00	5022113.50	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	45.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	18.7
1672	429261.00	5022113.50	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	45.2	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	17.6
1672	429261.00	5022113.50	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	45.2	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	10.3
1672	429261.00	5022113.50	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	45.2	6.0	-2.1	0.0	0.0	0.0	0.0	0.0	-0.1
1672	429261.00	5022113.50	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-175.9
1672	429261.00	5022113.50	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	45.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-165.7
1672	429261.00	5022113.50	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	45.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-166.2
1672	429261.00	5022113.50	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	45.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-165.4
1672	429261.00	5022113.50	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	45.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-166.2
1672	429261.00	5022113.50	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	45.2	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	-167.4
1672	429261.00	5022113.50	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	45.2	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	-174.7
1672	429261.00	5022113.50	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	45.2	6.0	-2.1	0.0	0.0	0.0	0.0	0.0	-185.1

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-09"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1677	429260.00	5022114.72	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.9
1677	429260.00	5022114.72	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	45.4	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	22.1
1677	429260.00	5022114.72	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	45.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.5
1677	429260.00	5022114.72	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	45.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	22.4
1677	429260.00	5022114.72	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	45.4	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	21.5
1677	429260.00	5022114.72	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	45.4	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	20.4
1677	429260.00	5022114.72	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	45.4	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	13.0
1677	429260.00	5022114.72	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	45.4	6.1	-2.1	0.0	0.0	0.0	0.0	0.0	2.5
1677	429260.00	5022114.72	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.9
1677	429260.00	5022114.72	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	45.4	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	19.1
1677	429260.00	5022114.72	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	45.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.5
1677	429260.00	5022114.72	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	45.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	19.4
1677	429260.00	5022114.72	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	45.4	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	18.5
1677	429260.00	5022114.72	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	45.4	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	17.4
1677	429260.00	5022114.72	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	45.4	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	10.0
1677	429260.00	5022114.72	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	45.4	6.1	-2.1	0.0	0.0	0.0	0.0	0.0	-0.6
1677	429260.00	5022114.72	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	45.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-176.1
1677	429260.00	5022114.72	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	45.4	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-165.9
1677	429260.00	5022114.72	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	45.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-166.5
1677	429260.00	5022114.72	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	45.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-165.6
1677	429260.00	5022114.72	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	45.4	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-166.5
1677	429260.00	5022114.72	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	45.4	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	-167.6
1677	429260.00	5022114.72	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	45.4	1.7	-2.1	0.0	0.0	0.0	0.0	0.0	-175.0
1677	429260.00	5022114.72	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	45.4	6.1	-2.1	0.0	0.0	0.0	0.0	0.0	-185.5

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-10"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1682	429258.00	5022116.64	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	45.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.5
1682	429258.00	5022116.64	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	45.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.7
1682	429258.00	5022116.64	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	45.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.1
1682	429258.00	5022116.64	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	45.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	22.0
1682	429258.00	5022116.64	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	45.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	21.1
1682	429258.00	5022116.64	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	45.8	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	20.0
1682	429258.00	5022116.64	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	45.8	1.8	-2.1	0.0	0.0	0.0	0.0	0.0	12.5
1682	429258.00	5022116.64	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	45.8	6.4	-2.1	0.0	0.0	0.0	0.0	0.0	1.8
1682	429258.00	5022116.64	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	45.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.5
1682	429258.00	5022116.64	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	45.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	18.7
1682	429258.00	5022116.64	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	45.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-10"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1682	429258.00	5022116.64	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	45.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	166.9
1682	429258.00	5022116.64	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	45.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	166.0
1682	429258.00	5022116.64	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	45.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	166.9
1682	429258.00	5022116.64	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	45.8	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	168.0
1682	429258.00	5022116.64	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	45.8	1.8	-2.1	0.0	0.0	0.0	0.0	0.0	175.5
1682	429258.00	5022116.64	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	45.8	6.4	-2.1	0.0	0.0	0.0	0.0	0.0	186.2

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-11"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1687	429256.00	5022118.61	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	11.1
1687	429256.00	5022118.61	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	46.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.3
1687	429256.00	5022118.61	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.7
1687	429256.00	5022118.61	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.6
1687	429256.00	5022118.61	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	46.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	20.7
1687	429256.00	5022118.61	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	46.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.5
1687	429256.00	5022118.61	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	46.2	1.9	-2.1	0.0	0.0	0.0	0.0	0.0	12.0
1687	429256.00	5022118.61	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	46.2	6.7	-2.1	0.0	0.0	0.0	0.0	0.0	1.1
1687	429256.00	5022118.61	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.1
1687	429256.00	5022118.61	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	46.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	18.3
1687	429256.00	5022118.61	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.7
1687	429256.00	5022118.61	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.6
1687	429256.00	5022118.61	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	46.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	17.7
1687	429256.00	5022118.61	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	46.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.5
1687	429256.00	5022118.61	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	46.2	1.9	-2.1	0.0	0.0	0.0	0.0	0.0	9.0
1687	429256.00	5022118.61	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	46.2	6.7	-2.1	0.0	0.0	0.0	0.0	0.0	-1.9
1687	429256.00	5022118.61	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	46.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	176.9
1687	429256.00	5022118.61	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	46.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	166.7
1687	429256.00	5022118.61	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	167.3
1687	429256.00	5022118.61	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	46.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	166.4
1687	429256.00	5022118.61	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	46.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	167.3
1687	429256.00	5022118.61	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	46.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	168.5
1687	429256.00	5022118.61	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	46.2	1.9	-2.1	0.0	0.0	0.0	0.0	0.0	176.0
1687	429256.00	5022118.61	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	46.2	6.7	-2.1	0.0	0.0	0.0	0.0	0.0	186.9

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-12"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1692	429254.00	5022119.66	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.8
1692	429254.00	5022119.66	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	46.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	21.0
1692	429254.00	5022119.66	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	46.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.5
1692	429254.00	5022119.66	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	46.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.3
1692	429254.00	5022119.66	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	46.5	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	20.4
1692	429254.00	5022119.66	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	46.5	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.3
1692	429254.00	5022119.66	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	46.5	1.9	-2.1	0.0	0.0	0.0	0.0	0.0	11.7
1692	429254.00	5022119.66	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	46.5	6.9	-2.1	0.0	0.0	0.0	0.0	0.0	0.6
1692	429254.00	5022119.66	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.8
1692	429254.00	5022119.66	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	46.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	18.0
1692	429254.00	5022119.66	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	46.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.5
1692	429254.00	5022119.66	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	46.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.3
1692	429254.00	5022119.66	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	46.5	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	17.4
1692	429254.00	5022119.66	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	46.5	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.3
1692	429254.00	5022119.66	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	46.5	1.9	-2.1	0.0	0.0	0.0	0.0	0.0	8.7
1692	429254.00	5022119.66	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	46.5	6.9	-2.1	0.0	0.0	0.0	0.0	0.0	-2.4
1692	429254.00	5022119.66	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	177.2
1692	429254.00	5022119.66	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	46.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-13"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1697	429253.00	5022121.22	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.6
1697	429253.00	5022121.22	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	46.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	20.7
1697	429253.00	5022121.22	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	46.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.2
1697	429253.00	5022121.22	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	46.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	21.1
1697	429253.00	5022121.22	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	46.7	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	20.2
1697	429253.00	5022121.22	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	46.7	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	19.0
1697	429253.00	5022121.22	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	46.7	2.0	-2.1	0.0	0.0	0.0	0.0	0.0	11.4
1697	429253.00	5022121.22	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	46.7	7.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.1
1697	429253.00	5022121.22	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.6
1697	429253.00	5022121.22	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	46.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	17.7
1697	429253.00	5022121.22	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	46.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.2
1697	429253.00	5022121.22	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	46.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.0
1697	429253.00	5022121.22	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	46.7	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	17.1
1697	429253.00	5022121.22	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	46.7	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	16.0
1697	429253.00	5022121.22	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	46.7	2.0	-2.1	0.0	0.0	0.0	0.0	0.0	8.4
1697	429253.00	5022121.22	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	46.7	7.1	-2.1	0.0	0.0	0.0	0.0	0.0	-2.9
1697	429253.00	5022121.22	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	46.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-177.4
1697	429253.00	5022121.22	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	46.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-167.3
1697	429253.00	5022121.22	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	46.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-167.8
1697	429253.00	5022121.22	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	46.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-166.9
1697	429253.00	5022121.22	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	46.7	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-167.8
1697	429253.00	5022121.22	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	46.7	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	-169.0
1697	429253.00	5022121.22	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	46.7	2.0	-2.1	0.0	0.0	0.0	0.0	0.0	-176.6
1697	429253.00	5022121.22	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	46.7	7.1	-2.1	0.0	0.0	0.0	0.0	0.0	-187.9

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-14"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1701	429253.00	5022124.76	91.00	0	D	63	54.3	0.0	0.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	10.1
1701	429253.00	5022124.76	91.00	0	D	125	65.4	0.0	0.0	0.0	0.0	47.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	20.3
1701	429253.00	5022124.76	91.00	0	D	250	64.9	0.0	0.0	0.0	0.0	47.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	19.8
1701	429253.00	5022124.76	91.00	0	D	500	65.8	0.0	0.0	0.0	0.0	47.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	20.6
1701	429253.00	5022124.76	91.00	0	D	1000	65.0	0.0	0.0	0.0	0.0	47.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	19.7
1701	429253.00	5022124.76	91.00	0	D	2000	64.2	0.0	0.0	0.0	0.0	47.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	18.5
1701	429253.00	5022124.76	91.00	0	D	4000	58.0	0.0	0.0	0.0	0.0	47.2	2.1	-2.1	0.0	0.0	0.0	0.0	0.0	10.8
1701	429253.00	5022124.76	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	47.2	7.5	-2.1	0.0	0.0	0.0	0.0	0.0	-0.7
1701	429253.00	5022124.76	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.1
1701	429253.00	5022124.76	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	47.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	17.3
1701	429253.00	5022124.76	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	47.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	16.7
1701	429253.00	5022124.76	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	47.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.6
1701	429253.00	5022124.76	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	47.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.7
1701	429253.00	5022124.76	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	47.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	15.5
1701	429253.00	5022124.76	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	47.2	2.1	-2.1	0.0	0.0	0.0	0.0	0.0	7.8
1701	429253.00	5022124.76	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	47.2	7.5	-2.1	0.0	0.0	0.0	0.0	0.0	-3.7
1701	429253.00	5022124.76	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	47.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-177.9
1701	429253.00	5022124.76	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	47.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-167.7
1701	429253.00	5022124.76	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	47.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-168.2
1701	429253.00	5022124.76	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	47.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-167.4
1701	429253.00	5022124.76	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	47.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-168.3
1701	429253.00	5022124.76	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	47.2	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	-169.5
1701	429253.00	5022124.76	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	47.2	2.1	-2.1	0.0	0.0	0.0	0.0	0.0	-177.2
1701	429253.00	5022124.76	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	47.2	7.5	-2.1	0.0	0.0	0.0	0.0	0.0	-188.7

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	dB(A)									

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Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-15"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1705	429250.00	5022124.30	91.00	0	D	8000	51.9	0.0	0.0	0.0	0.0	47.3	7.6	-2.1	0.0	0.0	0.0	0.0	0.0	-0.9
1705	429250.00	5022124.30	91.00	0	N	63	54.3	0.0	-3.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.0
1705	429250.00	5022124.30	91.00	0	N	125	65.4	0.0	-3.0	0.0	0.0	47.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	17.2
1705	429250.00	5022124.30	91.00	0	N	250	64.9	0.0	-3.0	0.0	0.0	47.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	16.6
1705	429250.00	5022124.30	91.00	0	N	500	65.8	0.0	-3.0	0.0	0.0	47.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.5
1705	429250.00	5022124.30	91.00	0	N	1000	65.0	0.0	-3.0	0.0	0.0	47.3	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.6
1705	429250.00	5022124.30	91.00	0	N	2000	64.2	0.0	-3.0	0.0	0.0	47.3	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	15.4
1705	429250.00	5022124.30	91.00	0	N	4000	58.0	0.0	-3.0	0.0	0.0	47.3	2.1	-2.1	0.0	0.0	0.0	0.0	0.0	7.7
1705	429250.00	5022124.30	91.00	0	N	8000	51.9	0.0	-3.0	0.0	0.0	47.3	7.6	-2.1	0.0	0.0	0.0	0.0	0.0	-3.9
1705	429250.00	5022124.30	91.00	0	E	63	54.3	0.0	-188.0	0.0	0.0	47.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-178.0
1705	429250.00	5022124.30	91.00	0	E	125	65.4	0.0	-188.0	0.0	0.0	47.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-167.8
1705	429250.00	5022124.30	91.00	0	E	250	64.9	0.0	-188.0	0.0	0.0	47.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-168.3
1705	429250.00	5022124.30	91.00	0	E	500	65.8	0.0	-188.0	0.0	0.0	47.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-167.5
1705	429250.00	5022124.30	91.00	0	E	1000	65.0	0.0	-188.0	0.0	0.0	47.3	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-168.4
1705	429250.00	5022124.30	91.00	0	E	2000	64.2	0.0	-188.0	0.0	0.0	47.3	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	-169.6
1705	429250.00	5022124.30	91.00	0	E	4000	58.0	0.0	-188.0	0.0	0.0	47.3	2.1	-2.1	0.0	0.0	0.0	0.0	0.0	-177.3
1705	429250.00	5022124.30	91.00	0	E	8000	51.9	0.0	-188.0	0.0	0.0	47.3	7.6	-2.1	0.0	0.0	0.0	0.0	0.0	-188.9

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-16"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1709	429242.00	5022131.18	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.8
1709	429242.00	5022131.18	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	48.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	19.0
1709	429242.00	5022131.18	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	48.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.4
1709	429242.00	5022131.18	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	48.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	19.3
1709	429242.00	5022131.18	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	48.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	18.3
1709	429242.00	5022131.18	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	48.5	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	17.1
1709	429242.00	5022131.18	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	48.5	2.5	-2.1	0.0	0.0	0.0	0.0	0.0	9.2
1709	429242.00	5022131.18	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	48.5	8.7	-2.1	0.0	0.0	0.0	0.0	0.0	-3.2
1709	429242.00	5022131.18	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.8
1709	429242.00	5022131.18	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	48.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.0
1709	429242.00	5022131.18	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	48.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	15.4
1709	429242.00	5022131.18	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	48.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	16.3
1709	429242.00	5022131.18	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	48.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	15.3
1709	429242.00	5022131.18	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	48.5	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	14.1
1709	429242.00	5022131.18	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	48.5	2.5	-2.1	0.0	0.0	0.0	0.0	0.0	6.2
1709	429242.00	5022131.18	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	48.5	8.7	-2.1	0.0	0.0	0.0	0.0	0.0	-6.2
1709	429242.00	5022131.18	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	48.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-179.2
1709	429242.00	5022131.18	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	48.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-169.0
1709	429242.00	5022131.18	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	48.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-169.6
1709	429242.00	5022131.18	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	48.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-168.7
1709	429242.00	5022131.18	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	48.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	-169.7
1709	429242.00	5022131.18	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	48.5	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	-170.9
1709	429242.00	5022131.18	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	48.5	2.5	-2.1	0.0	0.0	0.0	0.0	0.0	-178.8
1709	429242.00	5022131.18	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	48.5	8.7	-2.1	0.0	0.0	0.0	0.0	0.0	-191.2

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-17"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1712	429243.00	5022134.32	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	8.5
1712	429243.00	5022134.32	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	48.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	18.7
1712	429243.00	5022134.32	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	48.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	18.2
1712	429243.00	5022134.32	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	48.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	19.0
1712	429243.00	5022134.32	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	48.7	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	18.1
1712	429243.00	5022134.32	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	48.7	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	16.8
1712	429243.00	5022134.32	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	48.7	2.5	-2.1	0.0	0.0	0.0	0.0	0.0	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-17"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/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)
1712	429243.00	5022134.32	91.68	0 N	4000	58.0	0.0	-3.0	0.0	0.0	48.7	2.5	-2.1	0.0	0.0	0.0	0.0	0.0	5.8	
1712	429243.00	5022134.32	91.68	0 N	8000	51.9	0.0	-3.0	0.0	0.0	48.7	9.0	-2.1	0.0	0.0	0.0	0.0	0.0	-6.8	
1712	429243.00	5022134.32	91.68	0 E	63	54.3	0.0	-188.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	179.5	
1712	429243.00	5022134.32	91.68	0 E	125	65.4	0.0	-188.0	0.0	0.0	48.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	169.3	
1712	429243.00	5022134.32	91.68	0 E	250	64.9	0.0	-188.0	0.0	0.0	48.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	169.8	
1712	429243.00	5022134.32	91.68	0 E	500	65.8	0.0	-188.0	0.0	0.0	48.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	169.0	
1712	429243.00	5022134.32	91.68	0 E	1000	65.0	0.0	-188.0	0.0	0.0	48.7	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	169.9	
1712	429243.00	5022134.32	91.68	0 E	2000	64.2	0.0	-188.0	0.0	0.0	48.7	0.7	-2.1	0.0	0.0	0.0	0.0	0.0	171.2	
1712	429243.00	5022134.32	91.68	0 E	4000	58.0	0.0	-188.0	0.0	0.0	48.7	2.5	-2.1	0.0	0.0	0.0	0.0	0.0	179.2	
1712	429243.00	5022134.32	91.68	0 E	8000	51.9	0.0	-188.0	0.0	0.0	48.7	9.0	-2.1	0.0	0.0	0.0	0.0	0.0	191.8	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-18"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/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)
1715	429241.00	5022135.52	91.68	0 D	63	54.3	0.0	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3
1715	429241.00	5022135.52	91.68	0 D	125	65.4	0.0	0.0	0.0	0.0	49.0	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.5
1715	429241.00	5022135.52	91.68	0 D	250	64.9	0.0	0.0	0.0	0.0	49.0	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.0
1715	429241.00	5022135.52	91.68	0 D	500	65.8	0.0	0.0	0.0	0.0	49.0	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.8
1715	429241.00	5022135.52	91.68	0 D	1000	65.0	0.0	0.0	0.0	0.0	49.0	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.8
1715	429241.00	5022135.52	91.68	0 D	2000	64.2	0.0	0.0	0.0	0.0	49.0	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	16.6
1715	429241.00	5022135.52	91.68	0 D	4000	58.0	0.0	0.0	0.0	0.0	49.0	2.6	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	8.5
1715	429241.00	5022135.52	91.68	0 D	8000	51.9	0.0	0.0	0.0	0.0	49.0	9.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-4.2
1715	429241.00	5022135.52	91.68	0 N	63	54.3	0.0	-3.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
1715	429241.00	5022135.52	91.68	0 N	125	65.4	0.0	-3.0	0.0	0.0	49.0	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.5
1715	429241.00	5022135.52	91.68	0 N	250	64.9	0.0	-3.0	0.0	0.0	49.0	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.9
1715	429241.00	5022135.52	91.68	0 N	500	65.8	0.0	-3.0	0.0	0.0	49.0	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.8
1715	429241.00	5022135.52	91.68	0 N	1000	65.0	0.0	-3.0	0.0	0.0	49.0	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8
1715	429241.00	5022135.52	91.68	0 N	2000	64.2	0.0	-3.0	0.0	0.0	49.0	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	13.6
1715	429241.00	5022135.52	91.68	0 N	4000	58.0	0.0	-3.0	0.0	0.0	49.0	2.6	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	5.5
1715	429241.00	5022135.52	91.68	0 N	8000	51.9	0.0	-3.0	0.0	0.0	49.0	9.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-7.2
1715	429241.00	5022135.52	91.68	0 E	63	54.3	0.0	-188.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	179.7
1715	429241.00	5022135.52	91.68	0 E	125	65.4	0.0	-188.0	0.0	0.0	49.0	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	169.5
1715	429241.00	5022135.52	91.68	0 E	250	64.9	0.0	-188.0	0.0	0.0	49.0	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	170.0
1715	429241.00	5022135.52	91.68	0 E	500	65.8	0.0	-188.0	0.0	0.0	49.0	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	169.2
1715	429241.00	5022135.52	91.68	0 E	1000	65.0	0.0	-188.0	0.0	0.0	49.0	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	170.2
1715	429241.00	5022135.52	91.68	0 E	2000	64.2	0.0	-188.0	0.0	0.0	49.0	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	171.4
1715	429241.00	5022135.52	91.68	0 E	4000	58.0	0.0	-188.0	0.0	0.0	49.0	2.6	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	179.5
1715	429241.00	5022135.52	91.68	0 E	8000	51.9	0.0	-188.0	0.0	0.0	49.0	9.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	192.2

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-19"																				
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	I/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)
1719	429237.00	5022136.36	91.68	0 D	63	54.3	0.0	0.0	0.0	0.0	49.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
1719	429237.00	5022136.36	91.68	0 D	125	65.4	0.0	0.0	0.0	0.0	49.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.2
1719	429237.00	5022136.36	91.68	0 D	250	64.9	0.0	0.0	0.0	0.0	49.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.7
1719	429237.00	5022136.36	91.68	0 D	500	65.8	0.0	0.0	0.0	0.0	49.3	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.5
1719	429237.00	5022136.36	91.68	0 D	1000	65.0	0.0	0.0	0.0	0.0	49.3	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.5
1719	429237.00	5022136.36	91.68	0 D	2000	64.2	0.0	0.0	0.0	0.0	49.3	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	16.3
1719	429237.00	5022136.36	91.68	0 D	4000	58.0	0.0	0.0	0.0	0.0	49.3	2.7	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	8.2
1719	429237.00	5022136.36	91.68	0 D	8000	51.9	0.0	0.0	0.0	0.0	49.3	9.6	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-4.8
1719	429237.00	5022136.36	91.68	0 N	63	54.3	0.0	-3.0	0.0	0.0	49.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
1719	429237.00	5022136.36	91.68	0 N	125	65.4	0.0	-3.0	0.0	0.0	49.3	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.2
1719	429237.00	5022136.36	91.68	0 N	250	64.9	0.0	-3.0	0.0	0.0	49.3	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.7
1719	429237.00	5022136.36	91.68	0 N	500	65.8	0.0	-3.0	0.0	0.0	49.3	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.5
1719																				

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-19"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1719	429237.00	5022136.36	91.68	0 E	2000	64.2	0.0	-188.0	0.0	0.0	49.3	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-171.7
1719	429237.00	5022136.36	91.68	0 E	4000	58.0	0.0	-188.0	0.0	0.0	49.3	2.7	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-179.8
1719	429237.00	5022136.36	91.68	0 E	8000	51.9	0.0	-188.0	0.0	0.0	49.3	9.6	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-192.8

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-20"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1723	429238.00	5022139.16	91.68	0 D	63	54.3	0.0	0.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
1723	429238.00	5022139.16	91.68	0 D	125	65.4	0.0	0.0	0.0	0.0	49.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.0
1723	429238.00	5022139.16	91.68	0 D	250	64.9	0.0	0.0	0.0	0.0	49.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.5
1723	429238.00	5022139.16	91.68	0 D	500	65.8	0.0	0.0	0.0	0.0	49.5	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.3
1723	429238.00	5022139.16	91.68	0 D	1000	65.0	0.0	0.0	0.0	0.0	49.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.3
1723	429238.00	5022139.16	91.68	0 D	2000	64.2	0.0	0.0	0.0	0.0	49.5	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	16.0
1723	429238.00	5022139.16	91.68	0 D	4000	58.0	0.0	0.0	0.0	0.0	49.5	2.7	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.9
1723	429238.00	5022139.16	91.68	0 D	8000	51.9	0.0	0.0	0.0	0.0	49.5	9.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-5.2
1723	429238.00	5022139.16	91.68	0 N	63	54.3	0.0	-3.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
1723	429238.00	5022139.16	91.68	0 N	125	65.4	0.0	-3.0	0.0	0.0	49.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.0
1723	429238.00	5022139.16	91.68	0 N	250	64.9	0.0	-3.0	0.0	0.0	49.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.4
1723	429238.00	5022139.16	91.68	0 N	500	65.8	0.0	-3.0	0.0	0.0	49.5	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.3
1723	429238.00	5022139.16	91.68	0 N	1000	65.0	0.0	-3.0	0.0	0.0	49.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.3
1723	429238.00	5022139.16	91.68	0 N	2000	64.2	0.0	-3.0	0.0	0.0	49.5	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	13.0
1723	429238.00	5022139.16	91.68	0 N	4000	58.0	0.0	-3.0	0.0	0.0	49.5	2.7	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	4.9
1723	429238.00	5022139.16	91.68	0 N	8000	51.9	0.0	-3.0	0.0	0.0	49.5	9.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-8.3
1723	429238.00	5022139.16	91.68	0 E	63	54.3	0.0	-188.0	0.0	0.0	49.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-180.2
1723	429238.00	5022139.16	91.68	0 E	125	65.4	0.0	-188.0	0.0	0.0	49.5	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-170.0
1723	429238.00	5022139.16	91.68	0 E	250	64.9	0.0	-188.0	0.0	0.0	49.5	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-170.5
1723	429238.00	5022139.16	91.68	0 E	500	65.8	0.0	-188.0	0.0	0.0	49.5	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-169.7
1723	429238.00	5022139.16	91.68	0 E	1000	65.0	0.0	-188.0	0.0	0.0	49.5	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-170.7
1723	429238.00	5022139.16	91.68	0 E	2000	64.2	0.0	-188.0	0.0	0.0	49.5	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-172.0
1723	429238.00	5022139.16	91.68	0 E	4000	58.0	0.0	-188.0	0.0	0.0	49.5	2.7	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-180.1
1723	429238.00	5022139.16	91.68	0 E	8000	51.9	0.0	-188.0	0.0	0.0	49.5	9.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-193.2

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-21"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1726	429236.00	5022140.57	91.68	0 D	63	54.3	0.0	0.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
1726	429236.00	5022140.57	91.68	0 D	125	65.4	0.0	0.0	0.0	0.0	49.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.8
1726	429236.00	5022140.57	91.68	0 D	250	64.9	0.0	0.0	0.0	0.0	49.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.2
1726	429236.00	5022140.57	91.68	0 D	500	65.8	0.0	0.0	0.0	0.0	49.7	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	18.1
1726	429236.00	5022140.57	91.68	0 D	1000	65.0	0.0	0.0	0.0	0.0	49.7	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	17.1
1726	429236.00	5022140.57	91.68	0 D	2000	64.2	0.0	0.0	0.0	0.0	49.7	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.8
1726	429236.00	5022140.57	91.68	0 D	4000	58.0	0.0	0.0	0.0	0.0	49.7	2.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.6
1726	429236.00	5022140.57	91.68	0 D	8000	51.9	0.0	0.0	0.0	0.0	49.7	10.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-5.7
1726	429236.00	5022140.57	91.68	0 N	63	54.3	0.0	-3.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
1726	429236.00	5022140.57	91.68	0 N	125	65.4	0.0	-3.0	0.0	0.0	49.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8
1726	429236.00	5022140.57	91.68	0 N	250	64.9	0.0	-3.0	0.0	0.0	49.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.2
1726	429236.00	5022140.57	91.68	0 N	500	65.8	0.0	-3.0	0.0	0.0	49.7	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.0
1726	429236.00	5022140.57	91.68	0 N	1000	65.0	0.0	-3.0	0.0	0.0	49.7	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	14.1
1726	429236.00	5022140.57	91.68	0 N	2000	64.2	0.0	-3.0	0.0	0.0	49.7	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	12.8
1726	429236.00	5022140.57	91.68	0 N	4000	58.0	0.0	-3.0	0.0	0.0	49.7	2.8	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	4.6
1726	429236.00	5022140.57	91.68	0 N	8000	51.9	0.0	-3.0	0.0	0.0	49.7	10.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-8.7
1726	429236.00	5022140.57	91.68	0 E	63	54.3	0.0	-188.0	0.0	0.0	49.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	-180.4
1726	429236.00	5022140.57	91.68	0 E	125	65.4	0.0	-188.0	0.0	0.0	49.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-170.2
1726	429236.00	5022140.57	91.68	0 E	250	64.9	0.0	-188.0	0.0	0.0	49.7	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	0.0	-170.8
1726	429236.00	5022140.57	91.68	0 E	500	65.8	0.0	-188.0	0.0	0.0	49.7	0.2	-2.1	0.0						

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)										
1729	429235.00	5022141.95	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	7.4
1729	429235.00	5022141.95	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	49.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	17.6
1729	429235.00	5022141.95	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	49.9	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	17.1
1729	429235.00	5022141.95	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	49.9	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	17.9
1729	429235.00	5022141.95	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	49.9	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	16.9
1729	429235.00	5022141.95	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	49.9	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	15.6
1729	429235.00	5022141.95	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	49.9	2.9	-2.1	0.0	0.0	0.0	0.0	0.0	7.4
1729	429235.00	5022141.95	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	49.9	10.2	-2.1	0.0	0.0	0.0	0.0	0.0	-6.1
1729	429235.00	5022141.95	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	4.4
1729	429235.00	5022141.95	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	49.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	14.6
1729	429235.00	5022141.95	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	49.9	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	14.0
1729	429235.00	5022141.95	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	49.9	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	14.9
1729	429235.00	5022141.95	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	49.9	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	13.9
1729	429235.00	5022141.95	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	49.9	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	12.6
1729	429235.00	5022141.95	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	49.9	2.9	-2.1	0.0	0.0	0.0	0.0	0.0	4.4
1729	429235.00	5022141.95	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	49.9	10.2	-2.1	0.0	0.0	0.0	0.0	0.0	-9.1
1729	429235.00	5022141.95	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-180.0
1729	429235.00	5022141.95	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	49.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-170.4
1729	429235.00	5022141.95	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	49.9	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-170.9
1729	429235.00	5022141.95	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	49.9	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-170.1
1729	429235.00	5022141.95	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	49.9	0.3	-2.1	0.0	0.0	0.0	0.0	0.0	-171.1
1729	429235.00	5022141.95	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	49.9	0.8	-2.1	0.0	0.0	0.0	0.0	0.0	-172.4
1729	429235.00	5022141.95	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	49.9	2.9	-2.1	0.0	0.0	0.0	0.0	0.0	-180.0
1729	429235.00	5022141.95	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	49.9	10.2	-2.1	0.0	0.0	0.0	0.0	0.0	-194.1

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-23"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)(A)							
1732	429234.00	5022144.12	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	7.2	
1732	429234.00	5022144.12	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	50.1	0.0	-2.1	0.0	0.0	0.0	0.0	17.4	
1732	429234.00	5022144.12	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	50.1	0.1	-2.1	0.0	0.0	0.0	0.0	16.8	
1732	429234.00	5022144.12	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	50.1	0.2	-2.1	0.0	0.0	0.0	0.0	17.6	
1732	429234.00	5022144.12	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	50.1	0.3	-2.1	0.0	0.0	0.0	0.0	16.7	
1732	429234.00	5022144.12	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	50.1	0.9	-2.1	0.0	0.0	0.0	0.0	15.3	
1732	429234.00	5022144.12	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	50.1	2.9	-2.1	0.0	0.0	0.0	0.0	7.1	
1732	429234.00	5022144.12	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	50.1	10.5	-2.1	0.0	0.0	0.0	0.0	-6.6	
1732	429234.00	5022144.12	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	4.2	
1732	429234.00	5022144.12	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	50.1	0.0	-2.1	0.0	0.0	0.0	0.0	14.4	
1732	429234.00	5022144.12	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	50.1	0.1	-2.1	0.0	0.0	0.0	0.0	13.8	
1732	429234.00	5022144.12	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	50.1	0.2	-2.1	0.0	0.0	0.0	0.0	14.6	
1732	429234.00	5022144.12	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	50.1	0.3	-2.1	0.0	0.0	0.0	0.0	13.7	
1732	429234.00	5022144.12	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	50.1	0.9	-2.1	0.0	0.0	0.0	0.0	12.3	
1732	429234.00	5022144.12	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	50.1	2.9	-2.1	0.0	0.0	0.0	0.0	4.1	
1732	429234.00	5022144.12	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	50.1	10.5	-2.1	0.0	0.0	0.0	0.0	-9.6	
1732	429234.00	5022144.12	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	-180.8	
1732	429234.00	5022144.12	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	50.1	0.0	-2.1	0.0	0.0	0.0	0.0	-170.6	
1732	429234.00	5022144.12	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	50.1	0.1	-2.1	0.0	0.0	0.0	0.0	-171.2	
1732	429234.00	5022144.12	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	50.1	0.2	-2.1	0.0	0.0	0.0	0.0	-170.4	
1732	429234.00	5022144.12	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	50.1	0.3	-2.1	0.0	0.0	0.0	0.0	-171.3	
1732	429234.00	5022144.12	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	50.1	0.9	-2.1	0.0	0.0	0.0	0.0	-172.7	
1732	429234.00	5022144.12	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	50.1	2.9	-2.1	0.0	0.0	0.0	0.0	-180.9	
1732	429234.00	5022144.12	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	50.1	10.5	-2.1	0.0	0.0	0.0	0.0	-194.6	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-24"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)							
1735	429231.00	5022143.54	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	7.1	
1735	429231.00	5022143.54	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	50.2	0.0	-2.1	0.0	0.0	0.0	0.0	17.3	
1735	429231.00	5022143.54	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	50.2	0.1	-2.1	0.0	0.0	0.0	0.0	16.7	
1735	429231.00	5022143.54	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	50.2	0.2	-2.1	0.0	0.0	0.0	0.0	17.5	
1735	429231.00	5022143.54	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	50.2	0.3	-2.1	0.0	0.0	0.0	0.0	16.6	
1735	429231.00	5022143.54	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	50.2	0.9	-2.1	0.0	0.0	0.0	0.0	15.2	
1735	429231.00	5022143.54	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	50.2	3.0	-2.1	0.0	0.0	0.0	0.0	6.9	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-24"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1735	429231.00	5022143.54	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	50.2	10.6	-2.1	0.0	0.0	0.0	0.0	-6.8	
1735	429231.00	5022143.54	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	4.1	
1735	429231.00	5022143.54	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	50.2	0.0	-2.1	0.0	0.0	0.0	0.0	14.3	
1735	429231.00	5022143.54	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	50.2	0.1	-2.1	0.0	0.0	0.0	0.0	13.7	
1735	429231.00	5022143.54	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	50.2	0.2	-2.1	0.0	0.0	0.0	0.0	14.5	
1735	429231.00	5022143.54	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	50.2	0.3	-2.1	0.0	0.0	0.0	0.0	13.6	
1735	429231.00	5022143.54	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	50.2	0.9	-2.1	0.0	0.0	0.0	0.0	12.2	
1735	429231.00	5022143.54	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	50.2	3.0	-2.1	0.0	0.0	0.0	0.0	3.9	
1735	429231.00	5022143.54	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	50.2	10.6	-2.1	0.0	0.0	0.0	0.0	-9.8	
1735	429231.00	5022143.54	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	-180.9	
1735	429231.00	5022143.54	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	50.2	0.0	-2.1	0.0	0.0	0.0	0.0	-170.7	
1735	429231.00	5022143.54	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	50.2	0.1	-2.1	0.0	0.0	0.0	0.0	-171.3	
1735	429231.00	5022143.54	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	50.2	0.2	-2.1	0.0	0.0	0.0	0.0	-170.5	
1735	429231.00	5022143.54	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	50.2	0.3	-2.1	0.0	0.0	0.0	0.0	-171.4	
1735	429231.00	5022143.54	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	50.2	0.9	-2.1	0.0	0.0	0.0	0.0	-172.8	
1735	429231.00	5022143.54	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	50.2	3.0	-2.1	0.0	0.0	0.0	0.0	-181.1	
1735	429231.00	5022143.54	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	50.2	10.6	-2.1	0.0	0.0	0.0	0.0	-194.8	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-30"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1738	429227.00	5022146.91	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.6
1738	429227.00	5022146.91	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	50.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.8
1738	429227.00	5022146.91	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	50.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	16.3
1738	429227.00	5022146.91	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	50.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	17.1
1738	429227.00	5022146.91	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	50.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	16.1
1738	429227.00	5022146.91	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	50.6	0.9	-2.1	0.0	0.0	0.0	0.0	0.0	14.7
1738	429227.00	5022146.91	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	50.6	3.1	-2.1	0.0	0.0	0.0	0.0	0.0	6.3
1738	429227.00	5022146.91	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	50.6	11.2	-2.1	0.0	0.0	0.0	0.0	0.0	-7.9
1738	429227.00	5022146.91	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.6
1738	429227.00	5022146.91	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	50.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	13.8
1738	429227.00	5022146.91	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	50.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	13.2
1738	429227.00	5022146.91	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	50.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	14.1
1738	429227.00	5022146.91	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	50.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	13.1
1738	429227.00	5022146.91	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	50.6	0.9	-2.1	0.0	0.0	0.0	0.0	0.0	11.7
1738	429227.00	5022146.91	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	50.6	3.1	-2.1	0.0	0.0	0.0	0.0	0.0	3.3
1738	429227.00	5022146.91	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	50.6	11.2	-2.1	0.0	0.0	0.0	0.0	0.0	-10.9
1738	429227.00	5022146.91	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-181.4
1738	429227.00	5022146.91	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	50.6	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-171.2
1738	429227.00	5022146.91	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	50.6	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-171.7
1738	429227.00	5022146.91	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	50.6	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-170.9
1738	429227.00	5022146.91	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	50.6	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-171.9
1738	429227.00	5022146.91	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	50.6	0.9	-2.1	0.0	0.0	0.0	0.0	0.0	-173.3
1738	429227.00	5022146.91	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	50.6	3.1	-2.1	0.0	0.0	0.0	0.0	0.0	-181.7
1738	429227.00	5022146.91	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	50.6	11.2	-2.1	0.0	0.0	0.0	0.0	0.0	-195.9

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-29"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1741	429224.00	5022146.47	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.5
1741	429224.00	5022146.47	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	50.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.7
1741	429224.00	5022146.47	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	50.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	16.1
1741	429224.00	5022146.47	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	50.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	17.0
1741	429224.00	5022146.47	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	50.8	0.4	-2.1	0.0	0.0				

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-29"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1741	429224.00	5022146.47	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	50.8	3.2	-2.1	0.0	0.0	0.0	0.0	0.0	3.2
1741	429224.00	5022146.47	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	50.8	11.4	-2.1	0.0	0.0	0.0	0.0	0.0	-11.1
1741	429224.00	5022146.47	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	50.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-181.5
1741	429224.00	5022146.47	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	50.8	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-171.3
1741	429224.00	5022146.47	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	50.8	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-171.9
1741	429224.00	5022146.47	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	50.8	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-171.0
1741	429224.00	5022146.47	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	50.8	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-172.0
1741	429224.00	5022146.47	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	50.8	0.9	-2.1	0.0	0.0	0.0	0.0	0.0	-173.4
1741	429224.00	5022146.47	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	50.8	3.2	-2.1	0.0	0.0	0.0	0.0	0.0	-181.8
1741	429224.00	5022146.47	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	50.8	11.4	-2.1	0.0	0.0	0.0	0.0	0.0	-196.1

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-28"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1743	429225.00	5022149.22	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.4
1743	429225.00	5022149.22	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	50.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.5
1743	429225.00	5022149.22	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	50.9	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	16.0
1743	429225.00	5022149.22	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	50.9	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.8
1743	429225.00	5022149.22	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	50.9	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	15.8
1743	429225.00	5022149.22	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	50.9	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	14.4
1743	429225.00	5022149.22	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	50.9	3.2	-2.1	0.0	0.0	0.0	0.0	0.0	5.9
1743	429225.00	5022149.22	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	50.9	11.6	-2.1	0.0	0.0	0.0	0.0	0.0	-8.5
1743	429225.00	5022149.22	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.4
1743	429225.00	5022149.22	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	50.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	13.5
1743	429225.00	5022149.22	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	50.9	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	13.0
1743	429225.00	5022149.22	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	50.9	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	13.8
1743	429225.00	5022149.22	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	50.9	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	12.8
1743	429225.00	5022149.22	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	50.9	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	11.4
1743	429225.00	5022149.22	91.68	0	N	4000	58.0	0.0	-3.0	0.0	0.0	50.9	3.2	-2.1	0.0	0.0	0.0	0.0	0.0	2.9
1743	429225.00	5022149.22	91.68	0	N	8000	51.9	0.0	-3.0	0.0	0.0	50.9	11.6	-2.1	0.0	0.0	0.0	0.0	0.0	-11.5
1743	429225.00	5022149.22	91.68	0	E	63	54.3	0.0	-188.0	0.0	0.0	50.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-181.6
1743	429225.00	5022149.22	91.68	0	E	125	65.4	0.0	-188.0	0.0	0.0	50.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-171.5
1743	429225.00	5022149.22	91.68	0	E	250	64.9	0.0	-188.0	0.0	0.0	50.9	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-172.0
1743	429225.00	5022149.22	91.68	0	E	500	65.8	0.0	-188.0	0.0	0.0	50.9	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-171.2
1743	429225.00	5022149.22	91.68	0	E	1000	65.0	0.0	-188.0	0.0	0.0	50.9	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-172.2
1743	429225.00	5022149.22	91.68	0	E	2000	64.2	0.0	-188.0	0.0	0.0	50.9	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	-173.6
1743	429225.00	5022149.22	91.68	0	E	4000	58.0	0.0	-188.0	0.0	0.0	50.9	3.2	-2.1	0.0	0.0	0.0	0.0	0.0	-182.1
1743	429225.00	5022149.22	91.68	0	E	8000	51.9	0.0	-188.0	0.0	0.0	50.9	11.6	-2.1	0.0	0.0	0.0	0.0	0.0	-196.5

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-27"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1745	429222.00	5022149.04	91.68	0	D	63	54.3	0.0	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.2
1745	429222.00	5022149.04	91.68	0	D	125	65.4	0.0	0.0	0.0	0.0	51.0	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.4
1745	429222.00	5022149.04	91.68	0	D	250	64.9	0.0	0.0	0.0	0.0	51.0	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	15.9
1745	429222.00	5022149.04	91.68	0	D	500	65.8	0.0	0.0	0.0	0.0	51.0	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.7
1745	429222.00	5022149.04	91.68	0	D	1000	65.0	0.0	0.0	0.0	0.0	51.0	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	15.7
1745	429222.00	5022149.04	91.68	0	D	2000	64.2	0.0	0.0	0.0	0.0	51.0	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	14.3
1745	429222.00	5022149.04	91.68	0	D	4000	58.0	0.0	0.0	0.0	0.0	51.0	3.3	-2.1	0.0	0.0	0.0	0.0	0.0	5.8
1745	429222.00	5022149.04	91.68	0	D	8000	51.9	0.0	0.0	0.0	0.0	51.0	11.7	-2.1	0.0	0.0	0.0	0.0	0.0	-8.8
1745	429222.00	5022149.04	91.68	0	N	63	54.3	0.0	-3.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.2
1745	429222.00	5022149.04	91.68	0	N	125	65.4	0.0	-3.0	0.0	0.0	51.0	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	13.4
1745	429222.00	5022149.04	91.68	0	N	250	64.9	0.0	-3.0	0.0	0.0	51.0	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	12.8
1745	429222.00	5022149.04	91.68	0	N	500	65.8	0.0	-3.0	0.0	0.0	51.0	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	13.7
1745	429222.00	5022149.04	91.68	0	N	1000	65.0	0.0	-3.0	0.0	0.0	51.0	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	12.7
1745	429222.00	5022149.04	91.68	0	N	2000	64.2	0.0	-3.0	0.0	0.0	51.0	1.0	-2.1	0.0	0.0	0.0	0.0	0	

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-27"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1745	429222.00	5022149.04	91.68	0 E		2000	64.2	0.0	-188.0	0.0	0.0	51.0	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	-173.7
1745	429222.00	5022149.04	91.68	0 E		4000	58.0	0.0	-188.0	0.0	0.0	51.0	3.3	-2.1	0.0	0.0	0.0	0.0	0.0	-182.2
1745	429222.00	5022149.04	91.68	0 E		8000	51.9	0.0	-188.0	0.0	0.0	51.0	11.7	-2.1	0.0	0.0	0.0	0.0	0.0	-196.8

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-26"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1747	429223.00	5022151.57	91.68	0 D		63	54.3	0.0	0.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	6.1
1747	429223.00	5022151.57	91.68	0 D		125	65.4	0.0	0.0	0.0	0.0	51.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.3
1747	429223.00	5022151.57	91.68	0 D		250	64.9	0.0	0.0	0.0	0.0	51.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	15.7
1747	429223.00	5022151.57	91.68	0 D		500	65.8	0.0	0.0	0.0	0.0	51.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.5
1747	429223.00	5022151.57	91.68	0 D		1000	65.0	0.0	0.0	0.0	0.0	51.2	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	15.6
1747	429223.00	5022151.57	91.68	0 D		2000	64.2	0.0	0.0	0.0	0.0	51.2	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	14.1
1747	429223.00	5022151.57	91.68	0 D		4000	58.0	0.0	0.0	0.0	0.0	51.2	3.3	-2.1	0.0	0.0	0.0	0.0	0.0	5.6
1747	429223.00	5022151.57	91.68	0 D		8000	51.9	0.0	0.0	0.0	0.0	51.2	11.9	-2.1	0.0	0.0	0.0	0.0	0.0	-9.1
1747	429223.00	5022151.57	91.68	0 N		63	54.3	0.0	-3.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	3.1
1747	429223.00	5022151.57	91.68	0 N		125	65.4	0.0	-3.0	0.0	0.0	51.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	13.3
1747	429223.00	5022151.57	91.68	0 N		250	64.9	0.0	-3.0	0.0	0.0	51.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	12.7
1747	429223.00	5022151.57	91.68	0 N		500	65.8	0.0	-3.0	0.0	0.0	51.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	13.5
1747	429223.00	5022151.57	91.68	0 N		1000	65.0	0.0	-3.0	0.0	0.0	51.2	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	12.5
1747	429223.00	5022151.57	91.68	0 N		2000	64.2	0.0	-3.0	0.0	0.0	51.2	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	11.1
1747	429223.00	5022151.57	91.68	0 N		4000	58.0	0.0	-3.0	0.0	0.0	51.2	3.3	-2.1	0.0	0.0	0.0	0.0	0.0	2.6
1747	429223.00	5022151.57	91.68	0 N		8000	51.9	0.0	-3.0	0.0	0.0	51.2	11.9	-2.1	0.0	0.0	0.0	0.0	0.0	-12.1
1747	429223.00	5022151.57	91.68	0 E		63	54.3	0.0	-188.0	0.0	0.0	51.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-181.9
1747	429223.00	5022151.57	91.68	0 E		125	65.4	0.0	-188.0	0.0	0.0	51.2	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-171.7
1747	429223.00	5022151.57	91.68	0 E		250	64.9	0.0	-188.0	0.0	0.0	51.2	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-172.3
1747	429223.00	5022151.57	91.68	0 E		500	65.8	0.0	-188.0	0.0	0.0	51.2	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	-171.5
1747	429223.00	5022151.57	91.68	0 E		1000	65.0	0.0	-188.0	0.0	0.0	51.2	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	-172.4
1747	429223.00	5022151.57	91.68	0 E		2000	64.2	0.0	-188.0	0.0	0.0	51.2	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	-173.9
1747	429223.00	5022151.57	91.68	0 E		4000	58.0	0.0	-188.0	0.0	0.0	51.2	3.3	-2.1	0.0	0.0	0.0	0.0	0.0	-182.4
1747	429223.00	5022151.57	91.68	0 E		8000	51.9	0.0	-188.0	0.0	0.0	51.2	11.9	-2.1	0.0	0.0	0.0	0.0	0.0	-197.1

Point Source, ISO 9613, Name: "Office HVAC", ID: "NS-25"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
1748	429221.00	5022152.99	91.68	0 D		63	54.3	0.0	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	5.9
1748	429221.00	5022152.99	91.68	0 D		125	65.4	0.0	0.0	0.0	0.0	51.4	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	16.1
1748	429221.00	5022152.99	91.68	0 D		250	64.9	0.0	0.0	0.0	0.0	51.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	15.5
1748	429221.00	5022152.99	91.68	0 D		500	65.8	0.0	0.0	0.0	0.0	51.4	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	16.3
1748	429221.00	5022152.99	91.68	0 D		1000	65.0	0.0	0.0	0.0	0.0	51.4	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	15.4
1748	429221.00	5022152.99	91.68	0 D		2000	64.2	0.0	0.0	0.0	0.0	51.4	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	13.9
1748	429221.00	5022152.99	91.68	0 D		4000	58.0	0.0	0.0	0.0	0.0	51.4	3.4	-2.1	0.0	0.0	0.0	0.0	0.0	5.3
1748	429221.00	5022152.99	91.68	0 D		8000	51.9	0.0	0.0	0.0	0.0	51.4	12.2	-2.1	0.0	0.0	0.0	0.0	0.0	-9.6
1748	429221.00	5022152.99	91.68	0 N		63	54.3	0.0	-3.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	2.9
1748	429221.00	5022152.99	91.68	0 N		125	65.4	0.0	-3.0	0.0	0.0	51.4	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	13.1
1748	429221.00	5022152.99	91.68	0 N		250	64.9	0.0	-3.0	0.0	0.0	51.4	0.1	-2.1	0.0	0.0	0.0	0.0	0.0	12.5
1748	429221.00	5022152.99	91.68	0 N		500	65.8	0.0	-3.0	0.0	0.0	51.4	0.2	-2.1	0.0	0.0	0.0	0.0	0.0	13.3
1748	429221.00	5022152.99	91.68	0 N		1000	65.0	0.0	-3.0	0.0	0.0	51.4	0.4	-2.1	0.0	0.0	0.0	0.0	0.0	12.3
1748	429221.00	5022152.99	91.68	0 N		2000	64.2	0.0	-3.0	0.0	0.0	51.4	1.0	-2.1	0.0	0.0	0.0	0.0	0.0	10.9
1748	429221.00	5022152.99	91.68	0 N		4000	58.0	0.0	-3.0	0.0	0.0	51.4	3.4	-2.1	0.0	0.0	0.0	0.0	0.0	2.3
1748	429221.00	5022152.99	91.68	0 N		8000	51.9	0.0	-3.0	0.0	0.0	51.4	12.2	-2.1	0.0	0.0	0.0	0.0	0.0	-12.6
1748	429221.00	5022152.99	91.68	0 E		63	54.3	0.0	-188.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-182.1
1748	429221.00	5022152.99	91.68	0 E		125	65.4	0.0	-188.0	0.0	0.0	51.4	0.0	-2.1	0.0	0.0	0.0</td			

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-29"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
727	429258.95	5022048.51	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	5.8	0.0	0.0	-12.1
727	429258.95	5022048.51	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	10.2	0.0	0.0	-7.1
727	429258.95	5022048.51	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	17.0	0.0	0.0	-4.0
727	429258.95	5022048.51	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	21.3	0.0	0.0	-9.3
727	429258.95	5022048.51	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	24.9	0.0	0.0	-17.3
727	429258.95	5022048.51	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	24.9	0.0	0.0	-36.4
727	429258.95	5022048.51	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	8.3	0.0	0.0	-20.2
727	429258.95	5022048.51	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	5.8	0.0	0.0	-15.1
727	429258.95	5022048.51	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	10.2	0.0	0.0	-10.1
727	429258.95	5022048.51	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	17.0	0.0	0.0	-7.0
727	429258.95	5022048.51	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	21.3	0.0	0.0	-12.3
727	429258.95	5022048.51	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	24.9	0.0	0.0	-20.3
727	429258.95	5022048.51	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	24.9	0.0	0.0	-39.4
727	429258.95	5022048.51	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	8.3	0.0	0.0	-205.2
727	429258.95	5022048.51	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	5.8	0.0	0.0	-200.1
727	429258.95	5022048.51	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	10.2	0.0	0.0	-195.1
727	429258.95	5022048.51	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	17.0	0.0	0.0	-192.0
727	429258.95	5022048.51	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	21.3	0.0	0.0	-197.3
727	429258.95	5022048.51	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	24.9	0.0	0.0	-205.3
727	429258.95	5022048.51	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	24.9	0.0	0.0	-224.4

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-16"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
728	429255.81	5022049.69	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.5	0.0	0.0	-14.4
728	429255.81	5022049.69	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	1.4	0.0	0.0	-7.8
728	429255.81	5022049.69	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	4.0	0.0	0.0	-1.0
728	429255.81	5022049.69	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.5	0.4	-0.3	0.0	0.0	8.6	0.0	0.0	4.4
728	429255.81	5022049.69	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	10.6	0.0	0.0	1.4
728	429255.81	5022049.69	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	12.9	0.0	0.0	-5.4
728	429255.81	5022049.69	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	15.6	0.0	0.0	-27.1
728	429255.81	5022049.69	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.5	0.0	0.0	-17.4
728	429255.81	5022049.69	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	1.4	0.0	0.0	-10.8
728	429255.81	5022049.69	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	4.0	0.0	0.0	-4.0
728	429255.81	5022049.69	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.5	0.4	-0.3	0.0	0.0	8.6	0.0	0.0	1.4
728	429255.81	5022049.69	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	10.6	0.0	0.0	-1.6
728	429255.81	5022049.69	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	12.9	0.0	0.0	-8.4
728	429255.81	5022049.69	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	15.6	0.0	0.0	-30.1
728	429255.81	5022049.69	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.5	0.0	0.0	-202.4
728	429255.81	5022049.69	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	1.4	0.0	0.0	-195.8
728	429255.81	5022049.69	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	4.0	0.0	0.0	-189.0
728	429255.81	5022049.69	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.5	0.4	-0.3	0.0	0.0	8.6	0.0	0.0	-183.6
728	429255.81	5022049.69	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	10.6	0.0	0.0	-186.6
728	429255.81	5022049.69	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	12.9	0.0	0.0	-193.4
728	429255.81	5022049.69	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	15.6	0.0	0.0	-215.1

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
729	429252.67	5022050.86	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.5	0.0	-0.3	0.0	0.0	5.1	0.0	0.0	-14.0
729	429252.67	5022050.86	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.5	0.1	4.4	0.0	0.0	1.1	0.0	0.0	-7.1
729	429252.67	5022050.86	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.5	0.2	2.8	0.0	0.0	3.2	0.0	0.0	0.1
729	429252.67	5022050.86	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	7.0	0.0	0.0	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
729	429252.67	5022050.86	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.5	0.0	-0.3	0.0	0.0	5.1	0.0	0.0	-202.0
729	429252.67	5022050.86	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.5	0.1	4.4	0.0	0.0	1.1	0.0	0.0	-195.1
729	429252.67	5022050.86	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.5	0.2	2.8	0.0	0.0	3.2	0.0	0.0	-187.9
729	429252.67	5022050.86	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	7.0	0.0	0.0	-182.0
729	429252.67	5022050.86	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	8.5	0.0	0.0	-184.5
729	429252.67	5022050.86	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	10.4	0.0	0.0	-190.9
729	429252.67	5022050.86	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.5	13.8	-0.9	0.0	0.0	12.8	0.0	0.0	-212.3

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-22"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
730	429256.83	5022048.59	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.6	0.0	0.0	-14.6
730	429256.83	5022048.59	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	1.7	0.0	0.0	-8.1
730	429256.83	5022048.59	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	4.5	0.0	0.0	-1.5
730	429256.83	5022048.59	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	9.2	0.0	0.0	3.7
730	429256.83	5022048.59	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	11.4	0.0	0.0	0.6
730	429256.83	5022048.59	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	13.9	0.0	0.0	-6.4
730	429256.83	5022048.59	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.5	13.9	-0.9	0.0	0.0	16.6	0.0	0.0	-28.2
730	429256.83	5022048.59	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.6	0.0	0.0	-17.6
730	429256.83	5022048.59	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	1.7	0.0	0.0	-11.1
730	429256.83	5022048.59	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	4.5	0.0	0.0	-4.5
730	429256.83	5022048.59	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	9.2	0.0	0.0	0.7
730	429256.83	5022048.59	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	11.4	0.0	0.0	-2.4
730	429256.83	5022048.59	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	13.9	0.0	0.0	-9.4
730	429256.83	5022048.59	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.5	13.9	-0.9	0.0	0.0	16.6	0.0	0.0	-31.2
730	429256.83	5022048.59	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.6	0.0	0.0	-202.6
730	429256.83	5022048.59	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.5	0.1	4.6	0.0	0.0	1.7	0.0	0.0	-196.1
730	429256.83	5022048.59	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	4.5	0.0	0.0	-189.5
730	429256.83	5022048.59	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.5	0.4	-0.4	0.0	0.0	9.2	0.0	0.0	-184.3
730	429256.83	5022048.59	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.5	1.1	-0.9	0.0	0.0	11.4	0.0	0.0	-187.4
730	429256.83	5022048.59	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	13.9	0.0	0.0	-194.4
730	429256.83	5022048.59	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.5	13.9	-0.9	0.0	0.0	16.6	0.0	0.0	-216.2

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
734	429253.69	5022049.76	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.1	0.0	0.0	-14.1
734	429253.69	5022049.76	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.5	0.1	4.7	0.0	0.0	0.8	0.0	0.0	-7.2
734	429253.69	5022049.76	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	3.0	0.0	0.0	-0.0
734	429253.69	5022049.76	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.5	0.4	-0.3	0.0	0.0	7.1	0.0	0.0	5.8
734	429253.69	5022049.76	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.5	1.2	-0.9	0.0	0.0	8.6	0.0	0.0	3.3
734	429253.69	5022049.76	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	10.6	0.0	0.0	-3.1
734	429253.69	5022049.76	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.5	13.9	-0.9	0.0	0.0	13.0	0.0	0.0	-24.6
734	429253.69	5022049.76	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.5	0.0	-0.2	0.0	0.0	5.1	0.0	0.0	-17.1
734	429253.69	5022049.76	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.5	0.1	4.7	0.0	0.0	0.8	0.0	0.0	-10.2
734	429253.69	5022049.76	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	3.0	0.0	0.0	-3.0
734	429253.69	5022049.76	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.5	0.4	-0.3	0.0	0.0	7.1	0.0	0.0	2.8
734	429253.69	5022049.76	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.5	1.2	-0.9	0.0	0.0	8.6	0.0	0.0	0.3
734	429253.69	5022049.76	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.5	3.9	-0.9	0.0	0.0	10.6	0.0	0.0	-6.1
734	429253.69	5022049.76	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.5	13.9	-0.9	0.0	0.0	13.0	0.0	0.0	-27.6
734	429253.69	5022049.76	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.1	0.0	0.0	-202.1
734	429253.69	5022049.76	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.5	0.1	4.7	0.0	0.0	0.8	0.0	0.0	-195.2
734	429253.69	5022049.76	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.5	0.2	3.0	0.0	0.0	3.0	0.0	0.	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-28"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
741	429257.86	5022047.49	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	9.4	0.0	0.0	-6.4
741	429257.86	5022047.49	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	15.0	0.0	0.0	-2.2
741	429257.86	5022047.49	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	18.1	0.0	0.0	-6.2
741	429257.86	5022047.49	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	21.7	0.0	0.0	-14.3
741	429257.86	5022047.49	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.6	14.0	-0.9	0.0	0.0	24.9	0.0	0.0	-36.7
741	429257.86	5022047.49	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	8.1	0.0	0.0	-20.1
741	429257.86	5022047.49	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.6	0.1	4.6	0.0	0.0	5.4	0.0	0.0	-14.8
741	429257.86	5022047.49	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	9.4	0.0	0.0	-9.4
741	429257.86	5022047.49	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	15.0	0.0	0.0	-5.2
741	429257.86	5022047.49	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	18.1	0.0	0.0	-9.2
741	429257.86	5022047.49	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	21.7	0.0	0.0	-17.3
741	429257.86	5022047.49	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.6	14.0	-0.9	0.0	0.0	24.9	0.0	0.0	-39.7
741	429257.86	5022047.49	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	8.1	0.0	0.0	-205.1
741	429257.86	5022047.49	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.6	0.1	4.6	0.0	0.0	5.4	0.0	0.0	-199.8
741	429257.86	5022047.49	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	9.4	0.0	0.0	-194.4
741	429257.86	5022047.49	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	15.0	0.0	0.0	-190.2
741	429257.86	5022047.49	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	18.1	0.0	0.0	-194.2
741	429257.86	5022047.49	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	21.7	0.0	0.0	-202.3
741	429257.86	5022047.49	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.6	14.0	-0.9	0.0	0.0	24.9	0.0	0.0	-224.7

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
748	429254.71	5022048.66	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.5	0.0	0.0	-14.5
748	429254.71	5022048.66	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.6	0.1	4.7	0.0	0.0	1.4	0.0	0.0	-7.8
748	429254.71	5022048.66	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.0	0.0	0.0	-1.0
748	429254.71	5022048.66	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.6	0.4	-0.3	0.0	0.0	8.5	0.0	0.0	4.3
748	429254.71	5022048.66	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	10.5	0.0	0.0	1.4
748	429254.71	5022048.66	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	12.9	0.0	0.0	-5.5
748	429254.71	5022048.66	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.6	14.0	-0.9	0.0	0.0	15.6	0.0	0.0	-27.3
748	429254.71	5022048.66	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.5	0.0	0.0	-17.5
748	429254.71	5022048.66	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.6	0.1	4.7	0.0	0.0	1.4	0.0	0.0	-10.8
748	429254.71	5022048.66	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.0	0.0	0.0	-4.0
748	429254.71	5022048.66	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.6	0.4	-0.3	0.0	0.0	8.5	0.0	0.0	1.3
748	429254.71	5022048.66	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	10.5	0.0	0.0	-1.7
748	429254.71	5022048.66	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	12.9	0.0	0.0	-8.5
748	429254.71	5022048.66	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.6	14.0	-0.9	0.0	0.0	15.6	0.0	0.0	-30.3
748	429254.71	5022048.66	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.5	0.0	0.0	-202.5
748	429254.71	5022048.66	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.6	0.1	4.7	0.0	0.0	1.4	0.0	0.0	-195.8
748	429254.71	5022048.66	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.0	0.0	0.0	-189.0
748	429254.71	5022048.66	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.6	0.4	-0.3	0.0	0.0	8.5	0.0	0.0	-183.7
748	429254.71	5022048.66	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	10.5	0.0	0.0	-186.6
748	429254.71	5022048.66	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	12.9	0.0	0.0	-193.5
748	429254.71	5022048.66	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.6	14.0	-0.9	0.0	0.0	15.6	0.0	0.0	-215.3

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
754	429255.74	5022047.57	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.6	0.0	0.0	-14.7
754	429255.74	5022047.57	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.6	0.1	4.6	0.0	0.0	1.7	0.0	0.0	-8.2
754	429255.74	5022047.57	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.5	0.0	0.0	-1.5
754	429255.74	5022047.57	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	9.2	0.0	0.0	3.7
754	429255.74	5022047.57	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	11.3	0.0	0	

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-21"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
754	429255.74	5022047.57	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.6	0.1	4.6	0.0	0.0	1.7	0.0	0.0	-196.2
754	429255.74	5022047.57	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.5	0.0	0.0	-189.5
754	429255.74	5022047.57	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	9.2	0.0	0.0	-184.3
754	429255.74	5022047.57	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	11.3	0.0	0.0	-187.5
754	429255.74	5022047.57	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.6	3.9	-0.9	0.0	0.0	13.8	0.0	0.0	-194.5
754	429255.74	5022047.57	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.6	14.1	-0.9	0.0	0.0	16.5	0.0	0.0	-216.4

Point Source, ISO 9613, Name: "Condensing Unit", ID: "S-27"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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(A)						
760	429256.76	5022046.47	95.31	0 D		125	43.4	0.0	0.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.8	0.0	0.0	-14.9
760	429256.76	5022046.47	95.31	0 D		250	50.9	0.0	0.0	0.0	0.0	52.6	0.1	4.7	0.0	0.0	2.0	0.0	0.0	-8.5
760	429256.76	5022046.47	95.31	0 D		500	58.8	0.0	0.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.9	0.0	0.0	-2.0
760	429256.76	5022046.47	95.31	0 D		1000	65.5	0.0	0.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	9.7	0.0	0.0	3.0
760	429256.76	5022046.47	95.31	0 D		2000	64.7	0.0	0.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	12.0	0.0	0.0	-0.2
760	429256.76	5022046.47	95.31	0 D		4000	63.0	0.0	0.0	0.0	0.0	52.6	4.0	-0.9	0.0	0.0	14.6	0.0	0.0	-7.3
760	429256.76	5022046.47	95.31	0 D		8000	53.9	0.0	0.0	0.0	0.0	52.6	14.1	-0.9	0.0	0.0	17.3	0.0	0.0	-29.3
760	429256.76	5022046.47	95.31	0 N		125	43.4	0.0	-3.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.8	0.0	0.0	-17.9
760	429256.76	5022046.47	95.31	0 N		250	50.9	0.0	-3.0	0.0	0.0	52.6	0.1	4.7	0.0	0.0	2.0	0.0	0.0	-11.5
760	429256.76	5022046.47	95.31	0 N		500	58.8	0.0	-3.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.9	0.0	0.0	-5.0
760	429256.76	5022046.47	95.31	0 N		1000	65.5	0.0	-3.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	9.7	0.0	0.0	0.0
760	429256.76	5022046.47	95.31	0 N		2000	64.7	0.0	-3.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	12.0	0.0	0.0	-3.2
760	429256.76	5022046.47	95.31	0 N		4000	63.0	0.0	-3.0	0.0	0.0	52.6	4.0	-0.9	0.0	0.0	14.6	0.0	0.0	-10.3
760	429256.76	5022046.47	95.31	0 N		8000	53.9	0.0	-3.0	0.0	0.0	52.6	14.1	-0.9	0.0	0.0	17.3	0.0	0.0	-32.4
760	429256.76	5022046.47	95.31	0 E		125	43.4	0.0	-188.0	0.0	0.0	52.6	0.0	-0.2	0.0	0.0	5.8	0.0	0.0	-202.9
760	429256.76	5022046.47	95.31	0 E		250	50.9	0.0	-188.0	0.0	0.0	52.6	0.1	4.7	0.0	0.0	2.0	0.0	0.0	-196.5
760	429256.76	5022046.47	95.31	0 E		500	58.8	0.0	-188.0	0.0	0.0	52.6	0.2	3.0	0.0	0.0	4.9	0.0	0.0	-190.0
760	429256.76	5022046.47	95.31	0 E		1000	65.5	0.0	-188.0	0.0	0.0	52.6	0.4	-0.4	0.0	0.0	9.7	0.0	0.0	-185.0
760	429256.76	5022046.47	95.31	0 E		2000	64.7	0.0	-188.0	0.0	0.0	52.6	1.2	-0.9	0.0	0.0	12.0	0.0	0.0	-188.2
760	429256.76	5022046.47	95.31	0 E		4000	63.0	0.0	-188.0	0.0	0.0	52.6	4.0	-0.9	0.0	0.0	14.6	0.0	0.0	-195.3
760	429256.76	5022046.47	95.31	0 E		8000	53.9	0.0	-188.0	0.0	0.0	52.6	14.1	-0.9	0.0	0.0	17.3	0.0	0.0	-217.3

Attachment D

Checklist of Required Information for a Phase 2 Noise Control Detailed Study

		Submitted	Explanation/Reference
1	Scale plan identifying:		
	a. Locations of all noise sources (up to 500 metres) or within the prescribed area of influence, as applicable;	Y	See Attachment A
	b. Receptor locations;	Y	See Attachment A
	c. Distance and angles between sources and receptors;	Y	See Attachments A, B, and C
	d. Grade elevations used (existing and post development);	Y	Model based on existing contours and building elevations. Contour data included in CadnaA file outputs (see Attachments E and F)
	e. For aircraft noise the location of the subject property in relation to the 25 and 30 NEF/NEP and the AOIZ if aircraft noise is of concern.	N	Not applicable
2	A copy of the previously approved draft plan, site plan, etc.	N	Not applicable
3	The proposed grading plan submitted for engineering approval incorporating the necessary outdoor noise control feature details	N	Not applicable
4	Discussion of proposed mitigation measures and justification for the preferred noise mitigation alternatives (if any). Demonstration that proposed mitigation will achieve City and Provincial guidelines.	Y	See Roof Plan in Attachment A for minimum setbacks from roof edge for the rooftop OLA
5	Building component acoustic specifications based on the best available project drawings.	Y	See Attachment B
6	All lots, blocks, units, locations requiring noise control measures named and referenced in the study.	Y	See Attachment B
7	Specific recommendations for each lot, block, unit, etc. documented in clear concise summary form for implementation purposes.	Y	See Attachment B
8	Traffic to be based on City (or responsible agency) approved corridor and traffic data. Attach details to the study.	Y	See Attachment B. Data not available for Herzberg Road; volumes were estimated.
9	Warning clauses using City standard wording.	Y	See section 5 of the Study
10	Clearly written recommendations and implementation procedures.	Y	See section 5 of the Study
11	Costs for mitigation measures for financial securities (sound barriers, special provisions for building components, air conditioning, etc.). The engineer may rely on the expertise of other specialist consultants for determining reasonable cost estimates for the various specified mitigation measures.	N	The recommended controls are typical of building constructions of this type. Standard building costs are assumed.
12	Additional information as described in the noise feasibility study and/or in preconsultation with the City.	Y	Road traffic estimates for Herzberg road included.