

**Section 9
Environmental Protection Act
R.S.O. 1990**

**PRIMARY NOISE SCREENING PROCESS
FOR S.9 APPLICATIONS
SUPPLEMENT TO APPLICATION FOR APPROVAL**

**Version 2.0
October 13, 2010**

**CONTENTS OF THIS DOCUMENT ARE SUBJECT
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Ontario

Addendum:

This document is updated regularly by the Ministry of the Environment (ministry) to ensure that it provides accurate guidance relating to current policies, acts, regulations and application requirements. To obtain an updated copy of this document, please refer to the “Publications” section on the ministry Internet site at www.ene.gov.on.ca or contact the Environmental Assessment and Approvals Branch (EAAB) by telephone at 1-800-461-6290 (locally at 416-314-8001) or by e-mail at EAABGen@ontario.ca

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BACKGROUND

The Primary Noise Screening Process document, prepared by the Ministry of the Environment (ministry), may allow applicants to satisfy the noise assessment requirements for applications under Section 9 of the *Environmental Protection Act* (EPA). Applicants for certificates of approval under Section 9 of the EPA are, as a minimum, required to assess/document the impacts of all noise emissions from their facility on any noise sensitive locations defined as a Point of Reception.

The goal of the Primary Noise Screening Process is to determine whether the application may be exempt from the usual requirement to submit an Abbreviated Acoustic Assessment Report or an Acoustic Assessment Report. If this process “screens out” the application, the submission of an Abbreviated Acoustic Assessment Report or an Acoustic Assessment Report is not required. If the process does not screen out the application, the Secondary Noise Screening Process may be attempted, or the applicant may proceed to submit an Abbreviated Acoustic Assessment Report or an Acoustic Assessment Report.

The Primary Noise Screening Process is based confirming that there is a sufficient separation distance between the facility’s noise sources and the closest Point of Reception to ensure that the facility’s noise emissions will not exceed the ministry noise guidelines.

Using conservative assumptions regarding the likely noise sources present at a facility, a procedure was developed for calculating the minimum required separation distance to achieve compliance with the ministry noise guidelines. If the actual separation distance from the facility to the closest Point of Reception is greater than the calculated minimum required separation distance, the successful and signed Primary Noise Screening Process form would provide sufficient supporting information for the noise assessment required by the application process.

The Primary Noise Screening Process may be applied to certain mining, utilities and manufacturing operations that are being reviewed by the Air and Noise Unit of the Environmental Assessment and Approvals Branch. There are other facilities that require Section 9 approval which may not use this Primary Noise Screening Process.

Applications for equipment identified as candidates for the Streamline Review Unit (SRU) should not complete the Primary Noise Screening Process; rather they should follow specific directions from the SRU. For more information about the types of applications that may be reviewed by the SRU, please refer to the Guide to Applying for Approval (Air & Noise) dated February, 2005.

PRIMARY NOISE SCREENING PROCESS – INFORMATION & INSTRUCTIONS

STEP 1: CONFIRM ELIGIBILITY OF FACILITY FOR PRIMARY NOISE SCREENING PROCESS

The Primary Noise Screening Process only applies to facilities with NAICS Codes starting with 21, 22, 31, 32 or 33, or to facilities with the equipment listed in Table 1.2.

Applicants must use the North American Industry Classification System (NAICS) Code required by the application form to describe the facility. The NAICS code is determined in accordance with the Statistics Canada publication “North American Industry Classification System (NAICS) 2007 - Canada”. For more information on determining the NAICS Code for a business please see www.statcan.ca.

In addition to the applicability constraints described above, the Primary Screening Process does not apply and is not to be used in the following cases:

1. Application for equipment identified as candidates for the Streamline Review Unit (SRU)
2. Facility is closer to a Point of Reception than 50 metres
3. Facility includes significant sources of noise emissions not addressed by the Primary Noise Screening Process.
4. Facility/operations utilize significant sources of vibration such as stamping presses or forging hammers.
5. Application for Renewable Energy Approval (REA).

If the Primary Noise Screening Process is not applicable, the applicants may use the Secondary Noise Screening Process, or prepare and submit an Abbreviated Acoustic Assessment Report or Acoustic Assessment Report.

STEP 2: IDENTIFY CLOSEST POINT OF RECEPTION

Having determined that the application is eligible for the Primary Noise Screening Process, the applicant must identify and locate the closest Point of Reception (POR) affected by any noise emissions that may arise from the operations at the facility. A Point of Reception is defined as “any point on the premises of a person where sound or vibration originating from other than those premises is received”.

The Point of Reception may be located on any of the following existing or zoned for future use premises:

- permanent or seasonal residences;
- hotels/motels;
- nursing/retirement homes;

- rental residences;
- hospitals;
- campgrounds; and
- noise sensitive buildings such as schools and places of worship.

For the Primary Noise Screening Process, it is only required to identify the closest Point of Reception to the facility or any outdoor noise sources.

The closest Point of Reception must be selected using a Land Use Zoning Designation Plan, and its location identified on that plan. This plan indicates the approved local land use and nature of the neighbourhood for the area surrounding the facility. The plan must be based on up-to-date Zoning information provided by the Local Municipality. Zoning Designation Plans may be obtained from the planning department of the Local Municipality. This information may be in the form of hard copy zoning plans prepared by the municipality or electronic base maps showing local land use and features that may be available from the municipality to be printed by the applicant.

The Zoning information obtained from the Local Municipality must be detailed enough to clearly indicate the approved local land use for the individual properties surrounding the facility in a radius including the closest Point of Reception. The plan must include a scale and legend indicating the land use. The Zoning Information used to identify the closest Point of Reception must be attached to the Primary Noise Screening Form.

The Point of Reception Identification section should also describe the environmental noise climate at the Point of Reception in terms of the acoustical class, according to the following definitions (as per NPC 205 and NPC 232):

- "Class 1 Area" means an area with an acoustical environment typical of a major population centre, where the background noise is dominated by the urban hum.
- "Class 2 Area" means an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 Areas, and in which a low ambient sound level, normally occurring only between 23:00 and 07:00 hours in Class 1 Areas, will typically be realized as early as 19:00 hours. Other characteristics which may indicate the presence of a Class 2 Area include:
 - absence of urban hum between 19:00 and 23:00 hours;
 - evening background sound level defined by natural environment and infrequent human activity; and
 - no clearly audible sound from stationary sources other than from those under impact assessment.
- "Class 3 Area" means a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as the following:
 - a small community with less than 1,000 population;
 - an agricultural area;
 - a rural recreational area such as a cottage or a resort area; or
 - a wilderness area.

STEP 3: DETERMINE ACTUAL SEPARATION DISTANCE

The location of the closest Point of Reception, as well as the location of the subject facility, must be shown on a figure, prepared by the applicant, to determine the actual separation distance from the facility to the Point of Reception. The figure is referred to as a Scaled Area Location Plan.

For the purposes of the Primary Noise Screening Process, it may be possible to use the Zoning information provided by the Local Municipality as the Scaled Area Location Plan. However, the information is usually better presented in two separate figures because the scale of Zoning Plans available from the Local Municipality is usually too small to sufficiently show the level of detail required by the Scaled Area Location Plan.

The Scaled Area Location Plan must clearly indicate the location of the facility, the facility property line, all buildings on the facility and any noise sources at the facility that are located outside of the building envelope, such as dust collectors located beside a building. For the purposes of the Primary Noise Screening Process, it is not required to identify all noise sources, such as roof-mounted exhaust fans, on the Scaled Area Location Plan. The Scaled Area Location Plan must also show and name all local roads and features of the neighbourhood for the area surrounding the facility within a radius that includes the closest Point of Reception identified in Step 2. The Scaled Area Location Plan must include a legend and scale.

The actual separation distance is calculated from the closest facility wall or outside noise source, such as a dust collector located outside the facility, to the property line of the closest Point of Reception. For rural receptors in Class 3 Areas, where properties may be larger and may include areas that would not be considered noise-sensitive, Points of Reception are limited to locations within 30 metres of a dwelling or camping area, where sound or vibration originating from other than those premises is received. The location of the closest Point of Reception must be shown on the Scaled Area Location Plan and the actual separation distance from the facility to the property line of the closest Point of Reception must also be shown as a line measured in metres.

The plan may include the location and features of all buildings surrounding the facility and include the topography of the surrounding area, should it have an effect on the transmission of noise to a Point of Reception. However, for the Primary Noise Screening Process, this is usually not necessary.

Base maps showing the features of the surrounding neighbourhood may be obtained from the Local Municipality, Ministry of Natural Resources or other mapping companies.

For larger facilities with several outdoor noise sources, this process may have to be repeated for each outdoor noise source and different Points of Reception in order to identify the shortest actual separation distance to the closest Point of Reception.

STEP 4: CALCULATE MINIMUM REQUIRED SEPARATION DISTANCE

Applicants are required to complete the attached Questionnaire for Determining Minimum Separation Distance to calculate the minimum required separation distance for a successful Primary Noise Screening Process. Generic separation distances have been supplied that should provide a sufficient separation distance for a facility based on the type of operations conducted at the facility and the size and quantity of common noise sources associated with the type of facility under review. The minimum required separation distances have been provided from 1,000 metres to 50 metres.

If a facility is closer to a Point of Reception than 50 metres, the Primary Noise Screening Process may not be used.

The following explanations are intended to assist with completing the Questionnaire:

- Table 1.2 The presence of any one piece of equipment identified on this table should be indicated in the appropriate check box. The reference to fans and blowers is for individual large fans or blowers only. It is not required to sum the total volumetric flow rate or pressure drops across all fans or blowers at the facility. The applicant must include any fan or blower located on delivery trucks that supply or transport raw materials or products from the facility.
- Table 1.2 The applicant must identify large atmospheric vents that are associated with process pressure vessels, or piping such as natural gas blow down valves at pipeline compressor stations. This category of equipment is not intended to capture mandatory steam release valves from commercial boilers.
- Question 3 For each type of equipment identified on this table the total rating for all similar pieces of equipment should be summed and indicated in the appropriate question.
- Question 3(f) The applicant is required to sum the total maximum volumetric flow rate for all process or general ventilation fans or blowers at the facility that are not directly referenced elsewhere in the table. If fans are capable of operating at two speeds, the higher volumetric flow rate should be used. It is not necessary to include fans associated with cooling towers or part of packaged HVAC equipment. Fans serving condensers or other cooling units should be included. The applicant must include any fan or blower located on delivery trucks that supply or transport raw materials or products to or from the facility.
- Question 3(g) The applicant is required to identify if any motors powering any of the fans, blowers or air compressors are located outside the building envelope. For example if a fan serving a dust collector is located outside, then the answer is yes. If the fan and dust collector are inside the building envelope, then the answer is no.

STEP 5: COMPARE MINIMUM REQUIRED SEPARATION DISTANCE WITH ACTUAL SEPARATION DISTANCE

- a) If the actual separation distance determined in Step 3 is less than the minimum required separation distance calculated in Step 4, the process has not screened out the application, and further action is necessary. The applicant may attempt the Secondary Noise Screening Process or submit an Abbreviated Acoustic Assessment Report or Acoustic Assessment Report.
- b) If the actual separation distance determined in Step 3 is greater than the minimum required separation distance calculated in Step 4, complete, sign and submit the form with the application. No further noise assessment is required with the application.

STEP 6: NOISE INFORMATION SUBMISSION REQUIREMENTS

Please note that the application for a Certificate of Approval will not be accepted without the inclusion of:

- a) a Primary Noise Screening form indicating a successful “screening out”, or
- b) a Secondary Noise Screening Report indicating a successful “screening out”, or
- c) an Abbreviated Acoustic Assessment Report; or
- d) an Acoustic Assessment Report.

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PRIMARY NOISE SCREENING PROCESS FORM

1. Applicant Information

Company Name		Site Name	North American Industry Classification System (NAICS) Code (REQUIRED)
Site Address - Street information (<i>applies to an address that has civic numbering and street information - includes street number, name, type and direction</i>)			Unit Identifier (<i>identifies type of unit, such as suite & number</i>)
Survey Address (<i>used for a rural location specified for a subdivided township, an unsubdivided township or unsurveyed territory</i>)			
Non Address Information (<i>includes any additional information to clarify clients' physical location</i>)			
Municipality/Unorganized Township	County/District	Postal Code	

2. Primary Noise Screening Process (*please refer to the attached Primary Noise Screening Process–Information & Instructions*)

Step 1;
 Eligibility Test
 Facility is eligible to use the Primary Noise Screening Process:
 Yes No

If Yes, Go to Step 2
 If No, specify reason:
 Application for equipment identified as candidates for the Streamline Review Unit (SRU)
 Facility with a NAICS Code starting with other than 21, 22, 31, 32 or 33 OR Facility does not include equipment listed in Table 1.2
 Facility is closer to a Point of Reception than 50 metres
 Facility includes significant sources of noise emissions not addressed by the Primary Noise Screening Process
 Facility/operations utilize significant sources of vibration
 Application for Renewable Energy Approval (REA)

If the Primary Noise Screening Process is not applicable, the Secondary Noise Screening Process may be attempted, or the applicant may proceed with an Abbreviated Acoustic Assessment Report or an Acoustic Assessment Report.

Step 2
 Identify Closest Point of Reception (POR) (attach Land Use Zoning Designation Plan)
 POR Description _____ POR Acoustical Class (as per NPC-205 & NPC-232) 1 2 3

Step 3
 Determine Actual Separation Distance (attach Scaled Area Location Plan) _____ metres

Step 4
 Calculate Minimum Required Separation Distance (complete attached Questionnaire for Determining Minimum Separation Distance) _____ metres

Step 5
 Is the Actual Separation Distance in Step 3 greater than the Minimum Required Separation Distance in Step 4? Yes No

If "Yes", go on to Step 6

If "No", the Primary Noise Screening Process has not succeeded. You may attempt to "screen out" using the Secondary Noise Screening Process, or prepare and submit an Abbreviated Acoustic Assessment Report or an Acoustic Assessment Report.

<p>Step 6</p> <p>By signing this statement you are verifying that:</p> <ul style="list-style-type: none"> • I am the applicant or have been retained by the applicant, for the purposes of completing this Primary Noise Screening Process; • I have confirmed that the facility belongs to one of the sectors for which the ministry has indicated the Primary Noise Screening Process is applicable; • The closest Point of Reception has been identified and the Land Use Zoning Designation Plan provided by the Local Municipality is attached (Step 2); • A Scaled Area Location Plan is attached, that identifies the facility, the closest Point of Reception and the actual minimum separation distance (Step 3); • I have accurately completed the attached questionnaire, identified all noise sources as required, and determined the required minimum separation distance (Step 4); • I have compared the actual separation distance from the facility to the closest Point of Reception, as determined in Steps 2 and 3, with the minimum required separation distance determined in Step 4; and • If the actual separation distance is less than the minimum required separation distance, or if this process has otherwise failed to screen out this application, I acknowledge the need to complete and submit with the application a Secondary Screening Process Report indicating that the application is screened out or an Abbreviated Acoustic Assessment Report or an Acoustic Assessment Report; or If the actual separation distance is greater than the minimum required separation distance, I will sign and submit this form with the application. 				
Name of Signing Authority (<i>please print</i>)		Title:	Company: (<i>if different from the Applicant</i>)	
Civic Address - Street information (<i>includes street number, name, type and direction</i>) <input type="checkbox"/> Same as Site Address				Unit Identifier (<i>identifies type of unit, such as suite & number</i>)
Municipality	Postal Station	Province/State	Country	Postal Code
Telephone Number (<i>including area code & extension</i>)		Fax Number (<i>including area code</i>)	E-mail Address	
Signature			Date (<i>y/m/d</i>)	

QUESTIONNAIRE FOR DETERMINING MINIMUM SEPARATION DISTANCE

Question 1

1 (a) - Is your facility NAICS Code Listed on Table 1.1 below?

Table 1.1 Industry with significant noise sources		
NAICS Code	Industry	Check if Applicable
21	Mining and Oil and Gas Extraction	<input type="checkbox"/>
22111	Electrical Power Generation (<u>not 221119</u>)	<input type="checkbox"/>
324	Petroleum and Coal Products Manufacturing	<input type="checkbox"/>
3251	Basic Chemical Manufacturing	<input type="checkbox"/>
32731	Cement Manufacturing	<input type="checkbox"/>
32741	Lime Manufacturing	<input type="checkbox"/>
3311	Iron and Steel Mills and Ferro-Alloy Manufacturing	<input type="checkbox"/>
3313	Alumina and Aluminium Production and Processing	<input type="checkbox"/>

1 (b) - Is any of the following equipment Listed on Table 1.2 below present at the facility?

Table 1.2 Equipment with significant noise emissions	
Equipment	Check all That Apply
Flares	<input type="checkbox"/>
Gas Turbines, Cogeneration Facilities or any other continuous or peak shaving electrical power generation equipment (<u>except wind turbines</u>)	<input type="checkbox"/>
Arc Furnaces	<input type="checkbox"/>
Asphalt Plants	<input type="checkbox"/>
High velocity or pressure atmospheric vents such as Gas Process Blow Down Devices	<input type="checkbox"/>
Rock, Concrete or Aggregate Crushing Operations	<input type="checkbox"/>
Individual Fans with flow rates in excess of 47 cubic metres per second	<input type="checkbox"/>
Individual Pressure Blowers or Positive Displacement Blowers with static pressures in excess of 1.25 kilopascal	<input type="checkbox"/>

Did you check off an entry in either Question 1(a) or 1 (b)? Yes No

If Yes, the minimum required separation distance is 1,000 metres.

Enter "1000 metres" under Step 4 on the Primary Noise Screening Process Form

If No, proceed to Question 2

Question 2

2. Is this an enclosed facility with NAICS Codes starting with 21, 22, 31, 32 or 33? Yes No

If “Yes”, proceed to Question 2 below.

If “No” then this step of the Primary Noise Screening Process may not be used.

Is your facility NAICS Code Listed on Table 2 below?

Table 2 Industries with a 500 m Radius		
NAICS Code	Industry	Check all That Apply
22112	Electrical Power Transmission, Control and Distribution	<input type="checkbox"/>
2213	Water Sewage and Other Systems	<input type="checkbox"/>
321	Wood Product Manufacturing	<input type="checkbox"/>
322	Paper Manufacturing	<input type="checkbox"/>
325	Chemical Manufacturing (except 3251 as noted in Table 1.1 above)	<input type="checkbox"/>
326	Plastics and Rubber Products Manufacturing	<input type="checkbox"/>
327	Non-Metallic Mineral Product Manufacturing (except 32731 and 32741 as noted in Table 1.1 above)	<input type="checkbox"/>
331	Primary Metal Manufacturing (except 3311 as noted in Table 1.1 above)	<input type="checkbox"/>
332	Fabricated Metal Product Manufacturing (except 33271 and 3328)	<input type="checkbox"/>
333	Machinery Manufacturing	<input type="checkbox"/>
335	Electrical Equipment, Appliance and Component Manufacturing	<input type="checkbox"/>
336	Transportation Equipment Manufacturing	<input type="checkbox"/>

Did you check off an entry in Question 2? Yes No

If Yes, the minimum required separation distance is as follows:

	Minimum Separation	Check the One That Applies
For Class 1 “Urban” receptor area: (See under “Step 2” of “Information and Instructions”)		
Daytime Operation Only (between 7:00 am and 7:00 pm)	300 metres	<input type="checkbox"/>
Daytime and Afternoon shift only (between 7:00 am and 11:00 pm)	400 metres	<input type="checkbox"/>
Other times (outside the hours of 7:00 am to 11:00 pm)	500 metres	<input type="checkbox"/>
For Class 2 “Suburban” receptor area: (See under “Step 2” of “Information and Instructions”)		
Daytime Operation Only (between 7:00 am and 7:00 pm)	300 metres	<input type="checkbox"/>
Multi shifts (outside the hours of 7:00 am to 7:00 pm)	500 metres	<input type="checkbox"/>
For Class 3 “Rural” receptor area: (See under “Step 2” of “Information and Instructions”)		

Any Operation	500 metres	<input type="checkbox"/>
<p>Enter the Minimum Separation Distance, as determined above, under Step 4 on the Primary Noise Screening Process Form If No, proceed to Question 3</p>		

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Question 3

3. Is this an enclosed facility with NAICS Codes starting with 21, 22, 31, 32 or 33? Yes No

If “Yes”, proceed to Question 3 below.

If “No” then this step of the Primary Noise Screening Process may not be used.

Provide information on the facility and any noise sources that may be present by answering the following questions to determine a Score for noise sources located at the facility:

		Check one for each question	Value	Score
(a) What is the area of the enclosed buildings of the facility?				
< 650 square metres	< 7,000 square feet	<input type="checkbox"/>	20	
650 to < 2,300 square metres	7,000 to < 25,000 square feet	<input type="checkbox"/>	25	
2,300 to 9,300 square metres	25,000 to 100,000 square feet	<input type="checkbox"/>	30	
> 9,300 square metres	> 100,000 square feet	<input type="checkbox"/>	40	
multi building		<input type="checkbox"/>	40	
(b) Are any cooling towers located at the facility?				
Yes				
- Total of all cooling towers less than 20 horsepower	< 15 kilowatts	<input type="checkbox"/>	10	
- Total of all cooling towers from 20 to 100 horsepower	15 to 75 kilowatts	<input type="checkbox"/>	20	
- Total of all cooling towers greater than 100 horsepower	> 75 kilowatts	<input type="checkbox"/>	40	
No		<input type="checkbox"/>	0	
(c) Are any outdoor air cooled chillers located at the facility?				
Yes				
- Total of all chillers less than 150 ton	< 530 kilowatts	<input type="checkbox"/>	10	
- Total of all chillers from 150 to 1,000 ton	530 to 3,500 kilowatts	<input type="checkbox"/>	20	
- Total of all chillers greater than 1,000 ton	> 3,500 kilowatts	<input type="checkbox"/>	40	
No		<input type="checkbox"/>	0	
(d) Are any air compressors used to provide process air or for pneumatic conveying systems located at the facility?				
Yes				
- Total of all compressors less than 10 horsepower	< 7.5 kilowatts	<input type="checkbox"/>	10	
- Total of all compressors from 10 to 75 horsepower	7.5 to 56 kilowatts	<input type="checkbox"/>	20	
- Total of all compressors greater than 75 horsepower	> 56 kilowatts	<input type="checkbox"/>	40	
No		<input type="checkbox"/>	0	
(e) Is a boiler located at the facility?				
Yes				
- Total heat input of all boilers less than 10 million British Thermal Unit per hour	< 2,930 kilowatts	<input type="checkbox"/>	10	
- Total heat input of all boilers from 10 to 67 million British Thermal Unit per hour	2,930 to 19,600 kilowatts	<input type="checkbox"/>	20	
- Total heat input of all boilers greater than 67 million British Thermal Unit per hour	> 19,600 kilowatts	<input type="checkbox"/>	40	
No		<input type="checkbox"/>	0	
(f) What is the total volumetric flow rate of all process exhaust and general ventilation fans?				
< 5 cubic metres per second		<input type="checkbox"/>	0	
5 to < 10 cubic metres per second		<input type="checkbox"/>	10	
10 to < 15 cubic metres per second		<input type="checkbox"/>	20	

	15 to < 20 cubic metres per second	<input type="checkbox"/>	30	
	> 20 cubic metres per second	<input type="checkbox"/>	40	
(g)	Are any of the above air compressors, fan or blower motors located outside the building envelope?			
	Yes	<input type="checkbox"/>	10	
	No	<input type="checkbox"/>	0	
SUBTOTAL - Add Score from (a) to (g)				

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Question 3 (continued)

Adjustments for Hours of Operation		Check one	Value	Score
Class 1	Daytime Operation Only (between 7:00 am and 7:00 pm) *	<input type="checkbox"/>	-20	
	Daytime and Afternoon shift only (between 7:00 am and 11:00 pm) **	<input type="checkbox"/>	-15	
	Other times (outside the hours of 7:00 am to 11:00 pm)	<input type="checkbox"/>	-10	
Class2	Daytime Operation Only (between 7:00 am and 7:00 pm)*	<input type="checkbox"/>	-20	
	Multi shifts (outside the hours of 7:00 am to 7:00 pm)	<input type="checkbox"/>	-10	
Class 3	Daytime Operation Only (between 7:00 am and 7:00 pm)	<input type="checkbox"/>	-10	
	Multi shifts (outside the hours of 7:00 am to 7:00 pm)	<input type="checkbox"/>	0	
TOTAL ADJUSTMENT (A)				
Adjustments for Elevated Background Noise at Point of Reception (POR)***		Check one	Value	Score
Class 1	POR within 100 m of a 400 Series Freeway (e.g. 401)	<input type="checkbox"/>	-10	
	POR within 30 m of a Provincial Highway or Arterial Road (e.g. HWY 27, Keele St)	<input type="checkbox"/>	-10	
	POR at other locations	<input type="checkbox"/>	0	
Class2	POR within 100 m of a 400 Series Freeway (e.g. 401)	<input type="checkbox"/>	-10	
	POR within 30 m of a Provincial Highway or Arterial Road (e.g. HWY 27, Keele St)	<input type="checkbox"/>	-10	
	POR at other locations	<input type="checkbox"/>	0	
Class 3	All locations	<input type="checkbox"/>	0	
TOTAL ADJUSTMENT (B)				
TOTAL SCORE - SUBTOTAL + TOTAL ADJUSTMENT (A) + TOTAL ADJUSTMENT (B)				

- * Note: the largest minimum separation distance for Daytime Operation only in Class 1 or 2 is 300 metres.
- ** Note: the largest minimum separation distance for Evening and Daytime Operation only in Class 1 is 400 metres.
- *** Note: if Adjustments for Elevated Background Noise are used, then the applicant must identify the next closest receptor outside the area of influence of the roadway and show that the actual separation distance to the next closest receptor is greater than the minimum required separation distance without adjustments.

Minimum Separation Distances – Based on Total Score (above)

Total Score	Minimum Separation Distance	Check the distance that applies
< 0 points	50 metres	<input type="checkbox"/>
< 5 points	75 metres	<input type="checkbox"/>
< 10 points	100 metres	<input type="checkbox"/>
< 20 points	200 metres	<input type="checkbox"/>
< 30 points	300 metres	<input type="checkbox"/>
< 40 points	400 metres	<input type="checkbox"/>
40 or more points	500 metres	<input type="checkbox"/>
Distance:		

Enter the Minimum Separation Distance as determined above under Step 4 on the Primary Noise Screening Process Form.