

**Appendix 3 – Noise impact assessment summary form**  
**(Please retain detailed records for compliance purposes)**



Licensee: \_\_\_\_\_

Facility name: \_\_\_\_\_ Type: \_\_\_\_\_

Legal location: \_\_\_\_\_

Contact: \_\_\_\_\_ Telephone: \_\_\_\_\_

**1. Permissible Sound Level (PSL) determination (Rule 012, Section 2)**

**Complete the following for the most affected noise receptor(s):**

Noise receptor	Distance from facility to noise receptor (m)	Direction from facility to noise receptor	BSL (dBA)	Daytime adjustment (dBA)	Nighttime PSL (dBA)	Daytime PSL (dBA)

**2. Sound source identification**

**2.1 Identify baseline facilities in the project area, including existing, approved, and proposed (deemed complete) facilities, and describe their PWL or SPL. When the “no net increase” approach is used, the baseline case may be assumed to be compliant with the permissible sound level.**

Baseline facilities (include make and model, power rating)	<u>Predicted</u> <input type="checkbox"/> PWL (dBA) Or <input type="checkbox"/> SPL (dBA)	<u>Measured</u> <input type="checkbox"/> PWL (dBA) Or <input type="checkbox"/> SPL (dBA)	Data source (vendor, measurement, theoretical, etc.)	Distance SPL measured from the noise source (m)

**2.2 For the new and existing equipment, identify the modelled major sources of noise from the facility, and describe their associated sound power level (PWL) or sound pressure level (SPL).**

New and/or existing equipment noise sources (include make and model, power rating)	<u>Predicted</u> <input type="checkbox"/> PWL (dBA) Or <input type="checkbox"/> SPL (dBA)	<u>Measured</u> <input type="checkbox"/> PWL (dBA) Or <input type="checkbox"/> SPL (dBA)	Data source (vendor, measurement, theoretical, etc.)	Distance SPL measured from the noise source (m)

**2.3 Provide a tentative schedule and timing for the operation, maintenance and testing of the equipment.**

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**3. Normal operating conditions**

When using manufacturer’s data for expected performance, it may be necessary to modify the data to account for actual operating conditions (for example, indicate conditions such as operating with window/doors open or closed, load, RPM). Describe any considerations and assumptions used in preparing estimates:

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**4. Noise modelling parameters**

If modelling was conducted, identify the model input parameters used (see Section 3.2 of Rule 012):

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**5. Predicted sound level/compliance determination**

Predict the cumulative sound level at the most affected noise receptor(s). Typically, only the nighttime sound level is necessary, as levels do not often change from daytime to nighttime. However, if there are differences between day and night operations, both levels must be calculated.

Predicted Nighttime Cumulative Sound Level Including the New or Modified Facility (dBA)						
Noise receptor	Ambient sound level	Sound level from baseline case facilities	Baseline sound level	Predicted sound level from new or modified facility alone	Cumulative sound level	Permissible sound level

Predicted Daytime Cumulative Sound Level Including the New or Modified Facility (dBA)						
Noise receptor	Ambient sound level	Sound level from baseline case facilities	Baseline sound level	Predicted sound level from new or modified facility alone	Cumulative sound level	Permissible sound level

**6. Explain why the proposed facility qualifies to use a noise impact assessment summary form.**

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7. Supply any other relevant information you want to provide to the AUC. Submit additional pages if required.

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8. If the nighttime permissible sound level is higher than 40 dBA  $L_{eq}$ , provide supplementary information to support the use of such permissible sound level.

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9. Explain what measures would be taken to address construction noise.

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10. Acoustical practitioner's information (See Section 3.2(14) of Rule 012):

Company: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Experience: \_\_\_\_\_

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Telephone: \_\_\_\_\_ Date: \_\_\_\_\_