

TECHNICAL GUIDELINE (Additional Information)



DEPARTMENT OF ENVIRONMENT
AND CONSERVATION

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NOISE DISCHARGES

In addition to the requirements set out in the DEC Information Guideline for *Submission of an Application for an Environment Permit to Discharge Waste*, the following information, where applicable, should be provided as part of an application for an Environment (Waste Discharge) Permit where NOISE emissions may be generated.

OUTLINE OF PROPOSAL

Describe the nature and extent of activities to be carried out on the premises.

SITE PLANS & LOCATION

The A4 site plan (requested in Information Guideline) should also indicate:

- (a) scale, direction of north, boundaries, site features and buildings
- (b) the location of all external plant equipment including:
 - air cleaning equipment, e.g. cyclones, fabric filters and scrubbers
 - cooling towers
 - roof mounted exhaust fans
 - compressors
 - vehicle access, parking and loading bays
 - steam release/safety valves

MAP OF SURROUNDING AREA

The map should indicate the zoned land use in the local planning scheme and the positions of nearby residences and residentially-zoned areas. A contour map of 1km radius should be provided for rural developments where the land is not predominantly flat.

FLOOR PLAN OF INTERNAL PLANT

The floor plan of factory or manufacturing area should include:

- (a) major items of noise-producing plant and details of any existing or proposed noise suppression measures, e.g. enclosures, silencers or barriers. Please also supply details of material transfer lines (waste and product)
- (b) details of materials used for building walls and roofing; including window, vent (including ridge vent) and doorway dimensions

SOUND POWER DATA

Sound power levels (or sound pressure levels at a specified distance) of all significant plant items and power ratings (kW) of all stationary motors.

HOURS OF OPERATION OF THE PLANT

Background measurements should be taken over proposed operating period and be expressed in terms of hourly L90 measured in A-weighted decibels.

Where an application contains insufficient information, the Director will request further information. The application cannot be acted upon until the further information sought is received and accepted as adequate.