



Acoustic Report Requirements

The Shire of Exmouth Town Planning Scheme No3 prescribes that "approval by Council of a residential use in the Composite Area shall only be granted where the applicant has submitted an acoustic report which provides an assessment of noise impact associated with current and potential industrial uses and recommends appropriate noise attenuation measures to the dwelling to address any such impact."

In relation to proposed developments which may receive noise, (eg Residence in the Special Use Composite Zone) the matters to be addressed by an acoustic report shall include, but not be limited to –

- Existing ambient noise levels which may impact on the amenity of the development;
- Possible future increases in noise levels; and
- The noise attenuation measures to be implemented to address the noise impacts of the development.

Noise Attenuation Measures

The Environmental Protection (Noise) Regulations 1993 permit noise levels in Industrial areas as follows:-

Type of premises receiving noise	Time of day	Assigned level (dB)		
		L _A 10	L _A 1	L _A max
Industrial and utility premises	All hours	65	80	90

The Noise Attenuation measures proposed will be required to cause a reduction in the noise level received inside a premises to 35dB, with an instantaneous noise level of 45dB(A) maximum between 2200 and 0700 hours.

These figures will provide an environment that is consistent with the noise level that may be received inside a dwelling within a residential area.

Noise attenuation measures that can be implemented to achieve the above standard may include, but are not limited to, the following –

- Bedrooms being placed in the part of the house away from potential noise sources;
- External walls being appropriately insulated and/or of materials to that will significantly attenuate external noise;
- All external doors being of solid core construction with seals;
- All glazing being 10mm thick laminated;
- All ceilings being insulated;
- All plasterboard in the ceilings being 19mm thick; and
- Mechanical ventilation being provided in the bedrooms.

The above are examples of noise attenuation measures that may need to be incorporated into any residential development. The measures to be implemented shall be specified in the acoustic report and identified on the plans submitted for planning approval and/or building licence. The Shire of Exmouth may consider alternative design measures to those specified above. All submissions being provided by the applicant shall be accompanied with certification from a qualified acoustic engineer.

Disclaimer

This information sheet is provided as generalised information. While we aim to keep the content of this document current and accurate, we accept no responsibility or warranties for actions based on the information provided. The Shire of Exmouth encourages you to seek professional advice before acting on any information contained within this document. Please contact the Shire of Exmouth if you wish to comment on the forms provided and information contained within. Any reported errors will be amended.



21st November 2012

