

**Health and Social Services Department**  
**Environmental Health, Public Health Department**  
Maison Le Pape The Parade  
St Helier, Jersey, JE2 3PU  
Tel: +44 (0)1534 443712  
Fax: +44 (0)1534 445772  
Email: eh@health.gov.je

**Guidance for the Department of the Environment & Noise Consultants on the acoustic information required by Environmental Health (in conjunction with a Planning Application which may result in noise emissions affecting neighbouring premises).**

If a planning application is likely to cause noise emissions which may result in complaints from neighbouring premises the application will be referred to Environmental Health for comments. Environmental Health recommend applicants and acoustic consultants obtain pre - application advice to assist the Planning Application process. A pre application leaflet is available at <http://www.gov.je/Home/Parish/Nuisances/Pages/NoisePollution.aspx>

A visit is likely to be carried out by an officer from Environmental Health to assess if anyone living close by may be affected by noise from the proposed development and if so Environmental Health may 'Object' and specify the following reason:

***Insufficient information about the noise impact of the planned development on neighbouring premises. The application would not normally be determined until a suitable noise survey had been carried out and a noise report provided which was satisfactory to the Department of the Environment after consultation with Environmental Health. The noise report would detail any mitigation measures designed to minimise the adverse effects of the proposal on the environment.***

The standard comment Environmental Health specify for applications which may result in noise emissions from external equipment such as air conditioning units and air source heat pumps affecting neighbouring premises is as follows:

*The ( ) hereby approved, shall be installed, maintained and operated to such specification that noise generated from these units shall be at least 5dBA below background noise levels when measured, in accordance with BS4142:1997, from within the curtilage of any nearby property.*

*In order to prevent a general increase in background noise levels in the interests of preventing any serious harm to the amenities of nearby uses, in accordance with Policy GD1 of the Jersey Island Plan, 2011.*

*Further advice on what we want in a Noise report is available at <http://www.gov.je/Home/Parish/Nuisances/Pages/NoisePollution.aspx>*

The acoustic report should be produced by a reputable noise consultant to ensure the condition is complied within the 8 week determination period. A list of noise consultants known to the Department is available at <http://www.gov.je/Home/Parish/Nuisances/Pages/NoisePollution.aspx>

If a report submitted with the planning application is inadequate Environmental Health are likely to object and the application is likely to be refused as the 8 week period will have expired. It is important therefore that the report provides the necessary information.

The type of acoustic information Environmental Health would expect to be included in such a report is detailed in the Appendix below. However the information listed below is an example of what may be required and each case is different. We therefore recommend you contact Environmental Health on 443712 or email [eh@health.gov.je](mailto:eh@health.gov.je) to confirm if any extra information is required.

## **Appendix**

1. **Assessment Criteria** ie BS 4142 1997, and if applicable PPG 24, BS 8233:1999, WHO standards and justification for their use or not etc.

2. **Noise Survey** ie location maps, cross section(s), photographs showing the source equipment, measurement positions, nearest affected dwellings (including staff accommodation) which may be within the development, distances from source(s) to receivers, barriers, measurement periods, any other dominant sources, source descriptions and hour and mode of operation etc. Consideration of any structure borne noise issues to neighbouring premises and if for example the development is a new retail premises the impact of noise from vehicle movements and proposed times of delivery.

3. **Weather conditions** eg wind speed and direction, any potential inversion, any precipitation and any relevant comments.

4. **Equipment used** ie Type 1 or 2 sound level meter and calibration information. Reference to provided calibration certificates in an Appendix.

5. **Noise criteria** used eg  $LA_{90T}$ ,  $LA_{eqT}$  (T: measurement time periods) as per BS4142 1997,  $LAMax$  with measurement periods and octave or preferably 1/3 octave band data for any discrete frequencies, dB levels rounded up/down as appropriate.

6. **Survey Results** ie subjective impression, summary of noise results at the nearest affected dwelling(s) which may be within or connected to the development, summary of any existing plant noise measurements, any acoustic features noted and corrections made under BS4142: 1997. Raw noise data provided in an Appendix.

7. **Noise level predictions** i.e. details of the proposed new plant, manufacturer's acoustic data for the proposed plant, noise levels from addition of dB values, octave or preferably 1/3 octave band data, summary of predicted noise levels at the nearest affected dwellings, any barrier calculations, and reduction in noise levels with distance. Requirements met or not.

8. **Conclusions**

9. **Recommendations and mitigation measures as recommended**

10. **Glossary of terms**

11. **Appendices** eg Calibration certificates for the Sound Level meter and calibrator used, raw noise data, any manufacturer's information eg plant layout, data, details of any software used to predict noise levels etc.

Version 1.3

20131220