

Acoustic Advice

1. Any proposal shall be accompanied by a comprehensive noise impact assessment which demonstrates that there will be no adverse impact on any noise sensitive receptor. A design criterion of 0dB above background noise is recommended
2. Such an assessment may be carried out in accordance with BS4142:1997, so as to assess the likely impact externally at 'off-site' receptors
3. The assessment shall include:
 - Worst-case noise generated for one hour
 - Worst-case noise likely- to be assessed(rated) in BS4142 terms i.e. compared against the measured background noise(LA90)
 - Hours of operation
4. To obtain the worst-case noise levels the consultant may have to measure the same(or very similar) configuration and construction of ramps etc elsewhere when in full use by skaters, and then transpose the data to the chosen site where the background noise will have to be measured
5. The assessment should also 'factor in' any mitigation measures that exist e.g. topographical features etc
6. The assessment should include consideration of "Hours of Operation" of teh facility
7. Concrete is recommended as a suitable form of construction in terms of keeping noise levels to a minimum