

Noise Assessment

Arcus provides a range of noise and vibration assessment services including:

- Environmental Impact Assessment (EIA)
- Baseline Noise Surveys
- Noise Modelling and Assessment
- Cumulative Noise Assessments
- Post-Submission Support
- Public Inquiry and Expert Witness
- Drafting and Discharge of Conditions
- Due Diligence Assessments
- Noise Compliance Testing
- Investigation of Noise Complaints
- Noise and Vibration Monitoring
- Noise at Work Assessments
- Sound Insulation Testing

The Arcus Noise Team has conducted noise and vibration assessments for over 100 developments which included measuring operational noise levels from wind turbines, modelling and assessment of transport noise, monitoring noise and vibration during construction and mineral extraction works, and the assessment of industrial noise.



Selected Projects

Noise survey and subsequent assessment for a circa 70 unit housing development close to the A166 (Dunnington, Yorkshire).

Monitoring of noise during demolition of major industrial facility (Fife, Scotland).

Consultancy support services in relation to potential nuisance from nearby landfill site (Registered Charity, Glasgow).

Airborne noise assessment in relation to the construction and operation of Hornsea Round 3 Project One (Hornsea Offshore Wind Farm).

Operational and construction noise assessment for the Environmental Impact Assessment (EIA) for this 22 turbine wind farm plus Expert Witness support at Public Inquiry (Harburnhead Wind Farm, West Lothian).

Review of planning application for motorsports track on behalf of local residents to determine adequacy of noise assessment (Isle of Wight).

Assessment of noise from construction and operation of cable route and substation (Beatrice Offshore Wind Farm Transmission Line).

Design specification of industrial noise control measures for wastewater treatment works (Manchester).

Operational noise assessment for the EIA, including considerable post-application support specifically with regard to negotiation of planning conditions (Eight Turbine Wind Farm, Northern Ireland).

Operational and construction noise assessments for the 96 turbine Kilgallioch Wind Farm (Dumfries and Galloway, Scotland).

Conversion of office building to residential units – baseline noise survey and provision of advice on sound insulation (York).

Provision of advice to industrial estate tenants on measures to avoid noise nuisance to nearby housing development (Market Weighton, East Riding of Yorkshire).

