

# Wakefield Acoustics



**WAKEFIELDACOUSTICS**  
NOISE CONTROL TECHNOLOGY

## DELIVERING INNOVATIVE NOISE CONTROL SOLUTIONS FOR THE IMPROVEMENT OF LIVING AND WORKING ENVIRONMENTS.

Since our formation in 1980 Wakefield Acoustics has developed into one of the most respected and forward thinking industrial and environmental noise control companies in the UK. From our origins in industrial noise control, the company expanded and provided bespoke solutions for leading blue chip companies across a range of sectors.

We have developed our product offerings to provide innovative noise control solutions across a wide range of sectors including

- Power generation and distribution
- Oil and gas
- Petro-chemical
- Construction
- Water treatment
- Recycling
- General manufacturing

Product lines include acoustic enclosures, containers, screens, louvres, attenuators, silencers and acoustic materials. Our products are fitted across the world, with installations in well over 50 countries at the last count!

Wakefield Acoustics products have been used to reduce complex noise problems, often in extreme or arduous environments, requiring high specification materials and finishes for corrosion resistance.

Wakefield Acoustics is dedicated to excellence throughout all operations and activities. We pride ourselves on the depth of knowledge, skill and experience of all our staff, in providing a turnkey solution for noise reduction solutions. Alongside

the central focus of noise reduction design and acoustic assessment, we can also provide specialist, including

- Detailed engineering
- Structural design
- Ventilation system design
- Electrical fit out
- Fire and gas detection systems
- Blast load analysis

Our enclosure systems have been independently tested to BS EN ISO 11546-1:2009, and acoustic panels and louvres tested to BS EN ISO 10140-2:2010. With this in mind, you can be assured that our products will achieve the required acoustic criteria following installation.

Acoustic consultancy and diagnostic services are also offered, both for noise at work and environmental impact noise testing. Surveys can be offered in accordance with the Control of Noise at Work Regulations, and environmental noise assessments to BS4142:2014.

Our modern manufacturing facility in West Yorkshire, UK, boasts overhead craneage along with the latest machinery associated with the fabrication of sheet metal acoustic products. With accreditations for ISO9001, ISO14001 and OHSAS18001, QSHE systems are at the heart of our operations.

Site installations are undertaken through our experienced team, with dedicated project management ensuring works are fully co-ordinated. Our installers carry relevant training certificates including PASMA, IPAF, CSCS and SSSTS where determined by individual projects.





Acoustic containers for gas and standby diesel power generation plant, and CHP systems.

## INDUSTRY SECTOR: POWER

Wakefield Acoustics supply a range of products and services into the power industry including acoustic enclosures and containers, attenuation systems, acoustic panelling systems and associated ventilation systems. High levels of noise reduction are typically required to be achieved, and items treated include gas and diesel power generation plants, CHP systems, UPS, transformers. We have the capability to undertake site installations where required, or alternatively supply fully assembled products direct from our factory.

Full turnkey solutions can include fully integrated forced ventilation systems, electrical fit out and maintenance beams.



Bespoke site built enclosures for electrical transformers.



Plantroom ventilation for power generation plant.



Inlet and outlet ventilation for power generation plants.



Drop over acoustic canopies for power generation plants.





Stainless steel enclosures for high pressure pumping application.

## INDUSTRY SECTOR: OIL AND GAS / PETROCHEMICAL

Wakefield Acoustics supply a range of high specification products into the oil and gas industry including stainless steel acoustic enclosures for high pressure pumps and compressors. Products are manufactured in accordance with Norsok and ASME specifications where required, and are complete with atex rated ventilation systems.

Enclosures can also be fitted with fire and gas detection and suppression systems and small power and lighting. In addition, acoustic housings can be designed to withstand blastloads, supported by finite element analysis.



Pump acoustic enclosure on test.



Silencers and enclosures for compressor plants.



Ventilated acoustic enclosure for a large blower for a petrochemical client.





Acoustic louvred screens to roof top plant compounds.

## INDUSTRY SECTOR: CONSTRUCTION

Wakefield Acoustics design manufacture and install a range of products for the construction industry including acoustic louvres, acoustic screens and enclosures. We can also design and manufacture associated structural steelwork for support where required.

Louvre and panel systems have been acoustically tested, with a variety of products available to meet project acoustic requirements.

Panels and steelwork can be supplied in a variety of paint finishes for an aesthetic appearance.

A full installation service can be offered by our qualified teams.



Bespoke acoustic enclosures for chillers and condensing units.



Roof mounted panel screens for building services plant.



Acoustic screen and structural steelwork supports for external plant compounds.





Enclosures for processing plant.

## INDUSTRY SECTOR: WATER & WASTEWATER TREATMENT

Wakefield Acoustics design manufacture and install a range of products for the water treatment industry including acoustic enclosures and attenuation for pumps, separation plant, fans and associated process plant.

Enclosures are normally supplied with attenuated ventilation systems, and with provision for regular maintenance access.



Drop over acoustic enclosures for separation equipment.



Acoustic enclosure, inlet attenuator and pipework silencers for blowers.



Ventilated enclosures and inlet attenuation for aeration plants.





Acoustic enclosures and acoustic rooms for manufacturing equipment and processes.

## INDUSTRY SECTOR: GENERAL INDUSTRIAL / MANUFACTURING

Since our formation in 1980, Wakefield Acoustics has designed, supplied and installed noise control products for manufacturing facilities across the UK.

We operate across a wide range of manufacturing sectors including Food and Drink, Recycling, Chemical and General Manufacturing, supplying and installing acoustic enclosures, attenuators, louvres and acoustic screens.

Acoustic enclosures are bespoke and are designed to fit around existing equipment and structures, and are used to house plant including pumps, compressors, motors, saws, presses, grinders.



Attenuators for industrial process air movement.



Blast cleaning enclosure.





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