

Making Schools Acoustically Compliant

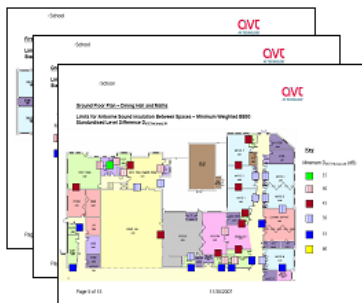
All new school buildings and refurbishments must now conform to BB93, and are subject to detailed design checks and on-site inspections. This means that school design needs a more detailed approach where acoustics is concerned. Building Bulletin 93 Acoustic Design of Schools (BB93) provides a regulatory framework for the acoustic design of schools in support of Approved Document E of the Building Regulations.

Acoustic Design Consultancy

AV Technology has considerable experience (30+ years) in assisting design teams to ensure that appropriate and compliant acoustic conditions are achieved in schools and educational facilities, as well as in other building types. We can assist at all stages of school design for new-build projects and refurbishments covering the requirements of BB93.

As acoustics experts, AV Technology provides the following important benefits for our clients:

- Compliance with mandatory, and “design target” Building Control Regulations
- Identification of cost saving possibilities whilst still meeting contractual requirements
- Practical advice and solutions to problems specific to relevant standards
- Avoidance of costly remedial work
- AVT’s UKAS Accreditation provides assurance of reliable test data and reports



From advice at the planning stage, through to acoustic design consultancy and Sound Insulation Testing, AV Technology are on hand through every step of a school project to ensure a smooth path to BB93 compliance:

- Cost effective and comprehensive design and testing service, for all building types
- Clear pricing policy, which eases your decision-making
- Proven solutions and technical advice, with client references

What We Do:

- Analysis and acoustic design of building services and envelope
- Internal building/room acoustics including speech intelligibility and reverberation control
- Sound insulation testing in accordance with Approved Document E
- Assessment of rain noise and external ‘break-in’ sounds and impact on surrounding areas (‘break-out’)
- Building Control Body specification reports
- Ambient noise surveys
- Remedial treatments
- Dynamic response of buildings to vibration



AV Technology Ltd is a leading multi-disciplined consultancy with over 30 years' experience. Our portfolio includes:

Consultancy:

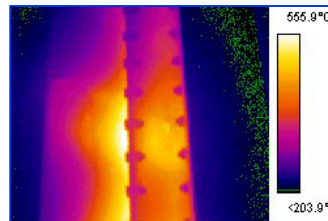
- Condition Monitoring
- Facilities
- Maintenance
- Noise & Vibration
- Structural Integrity
- Training

Services:

- Condition Monitoring
- Lubrication Management
- Maintenance Solutions
- Noise & Vibration
- Strain Gauging
- Structural Monitoring
- Visual Inspection

Products:

- Acoustic Emission Sensors
- Condition Monitoring Systems
- Lubrication & Filtration
- Silo Weigh
- Structural Monitoring Systems
- Vision Systems



AV Technology Limited
AVTECH House
Birdhall Lane
Cheadle Heath, Stockport
Cheshire
SK3 0XX



Tel: 0161 491 2222
Fax: 0161 428 0127
enquiries@avtechnology.co.uk
www.avtechnology.co.uk



AV Technology operates an ISO 9001: 2000 QA system and applies a strict health and safety policy.