



Bancroft's school policy on building acoustics, lighting and ventilation.

Bancroft's School main buildings were originally constructed in 1887, with subsequent extensions and alterations over the intervening years. The school is a Grade II Listed Building, which can place certain limitations on scopes of work.

Any new construction and extension works together with refurbishments and alterations are undertaken (within the limitations of the original building) in accordance with the relevant Building Regulations and other guidelines and regulations applicable at the time of the works.

Many regulations state that provisions must be 'suitable'; this is not precisely defined, but Department for Education (DfE) guidance states that schools must take into account the age, number and sex of pupils, and any special requirements that they have, when determining whether provision is suitable.

The standards in these regulations are not enforced by the HSE, unlike those of the Workplace Regulations, but schools are nevertheless expected to meet them, and **Bancroft's School endeavours to meet these requirements and compliances.**

The scope of regulations and guidelines considered include:

The Schools Premises (England) Regulations 2012 – although not applicable to independent schools

Education (Independent School Standards) Regulations 2014 – Part 5 brought into line with the above.

The Management of Health & Safety at Work Regulations 1992

Workplace (Health, Safety and Welfare) Regulations 1992

Provision and use of Work Equipment Regulations 1992

The Building Regulations – as applicable and current at the time of any works

Specifically in addition to the above:

Acoustics:

Building Bulletin 93 – Acoustics for Schools.

Building Bulletin 93 sets out minimum performance standards for the acoustics of school buildings, and describes the normal means of demonstrating compliance with the Building Regulations. It also provides guidance in support of the School Premises Regulations (2012) and the Independent School Standards (2013).

Lighting:

Building Bulletin 90 – Lighting Design for Schools

(BB90). BB90 contains some more general lighting design advice suitable for architects and clients.

CIBSE Code for interior lighting

ESFA daylight design guide

ESFA: These documents contain the most up-to-date guidance on lighting design and daylight modelling for schools.

The daylight design guide gives detailed guidance on how to carry out climate-based daylight modelling to comply with the EFA facilities output specification.

EFA lighting design standards are in line with the latest industry guidance from the Society of Light and Lighting (SLL) and the Chartered Institute of Building Services Engineers (CIBSE).

Ventilation :

Building bulletin 101: Ventilation of school buildings. Guidance on ventilations, thermal comfort and indoor air quality in schools.

BB101 gives guidance on providing ventilation and avoiding overheating in school buildings and Approved Documents (AD) F and L of the Building Regulations.

It also includes the ventilation performance standards required in teaching spaces. It is the document quoted in AD F as the main supporting document, and indicates how compliance with the Building Regulations may be achieved for schools.

BB101 is also quoted in AD L as giving guidance on how to prevent summertime overheating in schools.

Reviewed by the Deputy Bursar 28/01/2020.