

Display energy certificate (DEC) recommendation report

THE NURSERY
City of Wolverhampton College
Bilston Campus, Wellington Road
BILSTON
WV14 6BT

Report number
4522-2828-1227-0001-4633

Valid until
26 February 2036

Operational rating and DEC

This building's operational rating is C.

For more information on the building's energy performance, [see the DEC for this building \(/energy-certificate/0221-5291-1136-7085-7004\)](/energy-certificate/0221-5291-1136-7085-7004).

Recommendations

Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Consider introducing variable speed drives (VSD) for fans, pumps and compressors.	Low
Consider fitting 24 hour/7 day time controls onto electric HWS cylinders.	Low
Enable power save settings and power down management on computers and associated equipment.	Low

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Consider installing building mounted photovoltaic electricity generating panels.	Low
Engage experts to review the building lighting strategies and propose alterations and/or upgrades to daylighting provisions, luminaires and their control systems and an implementation plan.	Medium
The Energy Assessor has been obliged to accept lower accuracy in producing the Operational Rating for this building because of insufficient energy metering provisions. It is recommended that meters be installed and a regime of recording data be put in place. CIBSE TM 39 gives guidance on this.	Low

Additional recommendations

Recommendation	Potential impact on carbon emissions
Consider insulating minor bare pipe work and heating components and fitting valve and flange insulation jackets	Low
If stratification of heat occurs in high ceiling areas, consider provision of destratification fans.	Low
Frequently review heating and HWS time and temperature controls settings to ensure that they match the then current occupancy requirements and holiday / weekend periods.	Low

Building and report details

Building occupier	City of Wolverhampton College
Building type	Schools And Seasonal Public Buildings
Building environment	Heating and Natural Ventilation
On-site renewable energy sources	
Separable energy uses discounted	
Electricity used	17007 kW h
Gas used	23667 kW h
Total useful floor area	315 square metres
Building reference	RRN-0950-6950-0342-3391-7084
Report issued on	27 February 2026
Calculation tool	SystemsLink, ORToolkit, v4.0
Type of inspection	Physical

Assessor's details

Assessor's name	Michael Davies
Employer's name	M J Davies Management Associates Ltd T/A Davi
Employer's address	36 Cranham Close, Headless Cross, Redditch, B97 5AY
Assessor ID	EES/013924
Accreditation scheme	Elmhurst Energy Systems Ltd
