

Energy performance certificate (EPC) recommendation report

100-104 Hoxton Street
LONDON
N1 6SG

Report number
9906-7293-2414-5645-3634

Valid until
22 October 2034

Energy rating and EPC

This property's energy rating is B.

For more information on the property's energy performance, see the EPC for this property.

Recommendations

Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Install more efficient water heater.	High
Consider replacing HWS with point of use system.	High
Consider replacing T8 lamps with retrofit T5 conversion kit.	Medium
In some spaces, the solar gain limit defined in the NCM is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	Medium
Add time control to heating system.	Low
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	Low
Add optimum start/stop to the heating system.	Medium

Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Some walls have uninsulated cavities - introduce cavity wall insulation.	Medium
Some windows have high U-values - consider installing secondary glazing.	Medium
Add local temperature control to the heating system.	Medium
Add weather compensation controls to heating system.	Medium
Add local time control to heating system.	Low
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	Medium
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Some glazing is poorly insulated. Replace/improve glazing and/or frames.	Medium
Consider installing an air source heat pump.	High
Consider installing a ground source heat pump.	High

Recommendation	Potential impact on carbon emissions
Consider installing solar water heating.	Low
Roof is poorly insulated. Install or improve insulation of roof.	Medium

Additional recommendations

Recommendation	Potential impact on carbon emissions
The default chiller efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.	High

Property and report details

Report issued on	23 October 2024
Total useful floor area	171 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	G-ISBEM Ltd, G-ISBEM, v25.3, SBEM, v6.1.e.0

Assessor's details

Assessor's name	Usman Hussain
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Employer's name	ENERGY EXPERTISE LTD
Employer's address	07939302868
Assessor ID	QUID201051
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Quidos Limited