

Energy performance certificate (EPC) recommendation report

CENTRAL LIBRARY AND CONTACT CENTRE
3 ANGEL ROW
NOTTINGHAM
NG1 6HP

Certificate number
9531-1953-9755-2179-4231

Valid until
11 October 2030

Energy rating and EPC

This property's current energy rating is D.

For more information on the property's energy performance, [see the EPC for this property \(/energy-certificate/0336-8663-5796-3259-5965\)](#).

Recommendations

Make these changes to improve the property's energy efficiency.

Recommended improvements are grouped by the estimated time it would take for the change to pay for itself. The assessor may also make additional recommendations.

Each recommendation is marked as low, medium or high. This shows the potential impact of the change on reducing the property's carbon emissions.

Changes that pay for themselves within 3 years

| Recommendation | Potential impact |
|--|------------------|
| 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 |
| Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required. | Low |

Changes that pay for themselves within 3 to 7 years

| Recommendation | Potential impact |
|---|------------------|
| Add time control to heating system. | Medium |
| 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. | Low |

Changes that pay for themselves in more than 7 years

| Recommendation | Potential impact |
|---|-------------------------|
| Add optimum start/stop to the heating system. | Medium |
| The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements. | Low |
| 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 |

Property and report details

Report issued on

12 October 2020

Total useful floor area

7229 square metres

Building environment

Air Conditioning

Calculation tool

DesignBuilder Software Ltd, DesignBuilder SBEM, v6.1.7, SBEM, v5.6.b.0

Assessor's details

Assessor's name

Ken Negus

Telephone

01327341203

Employer's name

Nottingham City Council

Employer's address

Eastcroft London Road NottighamNG2 3AH

Assessor ID

EES/021429

Accreditation scheme

Elmhurst Energy Systems Ltd

Assessor's declaration

The assessor is not related to the owner of the property.

Other reports for this property

If you are aware of previous reports for this property and they are not listed here, please contact us at mhclg.digital-services@communities.gov.uk, or call our helpdesk on 020 3829 0748.

There are no related reports for this property.