

District heating system pre-conditions (insulation): technical report template

There are insulation pre-conditions associated with district heating system (DHS)¹ measures installed under the Carbon Emissions Reduction Obligation (CERO) and Home Heating Cost Reduction Obligation (HHCRO) social EFG.²

This report template relates to insulation pre-condition 2. Pre-condition 2 applies to premises, located in a multi-storey building, that do not include the top floor of the multi-storey building.

To meet pre-condition 2, all exterior-facing walls of the multi-storey building in which the premises are located must be insulated, except for walls which have:

- i. one or more parts of solid wall construction, or
- ii. a cavity which cannot be insulated (ie the cavity cannot be filled with cavity wall insulation).

This report must be completed for premises connected to a DHS under CERO and HHCRO Social EFG where there are technical reasons why the cavity cannot be filled.³ The requirements for satisfying pre-condition 2 through this report are detailed in Chapter 3⁴ of the ECO2t Guidance: Delivery ('Guidance').

The report must be completed by an appropriately qualified chartered surveyor⁵ or structural engineer.⁶

Where there is a technical reason why the cavity cannot be insulated, this template, completed accurately, in full and in accordance with the Guidance, will satisfy pre-condition 2 for the premises it relates to. Suppliers may choose to use this form to evidence that walls are of solid wall construction.⁷

This form is not required for non-technical reasons why a cavity cannot be insulated. These reasons are set out in Chapter 3⁸ of the Guidance and relate to access, consent, and legal issues.

Suppliers may adapt the format of this template, provided that the content is not changed. Suppliers may submit adapted versions to us before use for confirmation that they are acceptable.

Please contact us at eco@ofgem.gov.uk if you have any questions.

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1. Refer to the definition of "relevant district heating", article 2(1) The Electricity and Gas (Energy Company Obligation) Order 2014", as amended by The Electricity and Gas (Energy Company Obligation) (Amendment) Order 2017.
 2. Refer to the 'Social housing E, F and G' section in Chapter 5 of the ECO2t Guidance: Delivery.
 3. Where a cavity wall cannot be insulated with cavity wall insulation, there is no requirement to treat that wall with external wall insulation or internal wall insulation.
 4. See section on 'Additional technical reason' for relevant district heating connections.
 5. A chartered surveyor accredited with Royal Institution of Chartered Surveyors (RICS) membership (MRICS) or a Fellow (FRICS) who has qualified through the residential survey and valuation pathway.
 6. A structural engineer accredited with Chartered membership of the Institution of Structural Engineers (MIStructE), or an Associate (AIStructE) or Fellow (FIStructE) of the institution.
 7. A solid brick wall can be a solid brick wall or a solid non-brick wall. Solid non-brick walls include metal or timber frame walls, and walls of pre-fabricated concrete construction.
 8. See section on 'Reasons for judging a cavity cannot be insulated' for relevant district heating connections.

District heating system pre-conditions (insulation): technical report

Complete this form if there are technical reasons why the cavity walls in a multi-storey building (excluding premises on the top floor) cannot be insulated

A: Address details									
1. Provide details below of the multi-storey building this report relates to.									
Multi-storey building details:	Building name or number	Street address	Town/City	County	Postcode				
2. Which individual door numbers are covered by this report? (Do not include premises which include the top floor of the building)			List of premises covered by the report						
B: Technical Overview			4. Indicate below whether there is a suitable cavity wall insulation system available for each exterior-facing wall and, if no system is available, the reason why not.						
3. What is the construction type of each wall?									
Wall	Cavity wall (exterior-facing only)	Other	Yes, there is a suitable CWI system available for walls shown	There is no suitable cavity wall insulation system available for walls shown due to:					
				construction type of this wall	particular conditions of this wall	other reasons			
Wall 1									
Wall 2									
Wall 3									
Wall 4									
Wall 5									
Wall 6									
Wall 7									
Wall 8									
C: Detailed Technical Assessment				D: Qualifications of Assessor					
5. Provide full details below in support of the findings at (4) above.				6. Provide full details below.					
				Assessor name					
				Profession (✓)			Structural engineer	Chartered surveyor	
				Qualification (✓)			AIStructE	MRICS	
							MIStructE	FRICS	
							FIStructE		
				Registration number					
				Name of company					
				Address of company					
				Email address					
				Telephone number					
Signature									
Date			___ / ___ / _____						