

Building Compliance
Design & Testing

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ON-SITE

Smart HTC Checklist



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This free checklist is crafted to provide you with all the essential information for preparing your project, to ensure things run smoothly on the day of testing and to give you the best chance of first-time success.





Smart HTC Checklist

1. Build stage

This service is typically carried out on homes selected for pre- or post-retrofit assessment, or for homeowners wanting to understand the true energy efficiency of their property. It can also be performed on completed new builds as a demonstration of build quality and to verify EPC performance.

2. Time of year

Smart HTC requires at least a 7°C difference between internal and external temperatures. Because of this, the service cannot be carried out reliably during late spring and summer (May–August). The most accurate results are achieved between October and March, with September and April also suitable depending on weather conditions.

3. Information required

- Full name
- Property address
- Number of occupants
- Property type (e.g., end-terrace house, mid-floor flat, etc.)
- Primary and secondary heating systems
- Boiler make and model
- G.C. number (7-digit Gas Council ID for gas appliances)
- Window frame and glazing type
- Floor plans (if available)





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4. Power

The sensors are battery-powered, so nothing needs plugging in.

5. Access

We'll need access to the whole property to fit the sensors. They must be placed on internal walls, away from radiators and ventilation, so they aren't affected by hot or cold spots. We'll also need access again after the 21-day monitoring period to remove them.

6. Parking


We ideally need parking within 20 metres of the property to efficiently carry out the service. Multiple trips may be required back to the vehicle, and having parking allows us to limit time spent setting up the equipment. If no parking can be provided, please notify your relationship manager, as parking charges will be added to the final invoice.

7. Location and site address

We aim to arrive at the designated time window, so to help us be as efficient as we can, let us know if there are any difficulties finding the site. Ideally, send us [what3words](#). For your certification records we will require the registered site address. Please ensure the correct address is used on all correspondence, as changes will incur an additional cost.

8. Peace of mind

We are experienced in dealing with retrofit projects and understand residents may be vulnerable. Therefore, all our engineers are DBS checked and carry photographic ID available on request.



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