



Assumption Change Control Sheet

Test	5a, 5b. DHW response time.
Assumption	32. DHW response time temperature assessment.

Change Originator	Martin Crane
Change Request No.	020
Date of Request	20/08/2020
Proposed Change to Assumption?	N

Proposed Approach

Retain DHW response time temperature at 45 °C.

Rationale (underlying basis for assumption)

See Technical Note 014.

Summary of considerations:

- This temperature cannot be the DHW setpoint as the setpoint of 50C may never be reached as the set point is set with a tolerance of +/- 0.5C and the Test rig temperature measurement is only accurate to +/- 0.1 C.
- The DHW response time assessment temperature should reflect the time taken for useful DHW to be delivered to the customer. As per HSE guidance water becomes painful and can cause burns at above 44°C. As such, any temperature that is 45°C or greater can be considered “hot” from a functional perspective.
- Delay in arriving at the precise setpoint temperature causes little customer detriment.

Impact of Change (e.g. implications for test rig)

N/A

CHANGE EVALUATION

Date Evaluated	22/10/2020
Additional Information Required?	N
Modification to Proposed Approach?	N
Details	

Signed-off	Y