



Assumption Change Control Sheet

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| Test | 2a. High Temperature DHW dynamic test |
| Assumption | 17. DHW set point |

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| Change Originator | Gareth Jones and Rob Clemson |
| Change Request No. | 001 |
| Date of Request | 17/12/2019 |
| Proposed Change to Assumption? | Y |

Proposed Approach

Proposed approach is to reduce the DHW set point to 50 °C.

Rationale (underlying basis for assumption)

See Technical Note 001.

No requirement for >50°C for Legionella control (as per HSG274 Part2), but significant increase in scalding risk. However, not sufficient evidence to reduce below 50 °C.

No requirement for >45 °C for dishwashing or resident comfort.

NHBC technical standard requirement for temperature at the kitchen sink dropped to 50 °C.

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

No impact on test rig as test 2b is conducted at 50 °C.

CHANGE EVALUATION

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| Date Evaluated | 29/10/2020 |
| Additional Information Required? | N |
| Modification to Proposed Approach? | N |
| Details (17/12/129) Agreed to retain 55 °C for the present, but to seek to drop to 50 °C, pending a change in position by NHBC. (29/10/20) NHBC technical standard requirement for temperature at kitchen sink dropped to 50 °C. | |
| Signed-off | Y |