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**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**/**N** – dependent on NHBC position |

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| **Proposed Approach**  Proposed approach is to reduce the DHW set point to 50 °C.  However, this depends on NHBC changing its technical standard requirement for temperature at the kitchen sink. If this does not change (from 55 °C), then the recommendation is to retain the set point at 55 °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. |
| **Impact of Change (e.g. implications for test rig)**  No impact on test rig as test 2b is conducted at 50 °C. |

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| CHANGE EVALUATION | |
| Date Evaluated | 17/12/19 |
| Additional Information Required? | N |
| Modification to Proposed Approach? | N |
| Details  Agreed to retain 55 °C for the present, but to seek to drop to 50 °C, pending a change in position by NHBC. | |
| Signed-off | **Y** |