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**Assumption Change Control Sheet**

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| **Test** | 3a, 3b Low flow DHW Tests |
| **Assumption** | 25. Duration of DHW flow prior to low flow DHW Test |

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| Change Originator | Martin Crane |
| **Change Request No.** | 016 |
| Date of Request | 17/12/2019 |
| Proposed Change to Assumption? | **No** |

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| **Proposed Approach**  Retain current 120 seconds of flow prior to low flow test. |
| **Rationale (underlying basis for assumption)**  120 seconds is sufficiently long for the DH flow and DHW temperatures to have stabilised such that each HIU has a consistent starting point for this test.  The typical DH flow for the 0.13l/s DHW flow is 0.12 l/sec. This flow for a duration of 120 seconds = 14.4 litres drawn through the test rig. The test rig pipe volume is 6 litres = 3 litres on the flow, so it is certain that the primary is up to temperature after this period. |
| **Impact of Change (e.g. implications for test rig)**  N/A |

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| CHANGE EVALUATION | |
| Date Evaluated | 17/12/2019 |
| Additional Information Required? | N |
| Modification to Proposed Approach? | N |
| Details | |
| Signed-off | Y |