



Assumption Change Control Sheet

Test	1a-1f. Space Heating
Assumption	94. No use of HIU pump

Change Originator	Martin Crane
Change Request No.	032
Date of Request	6/12/19
Proposed Change to Assumption?	N

Proposed Approach

Maintain current test basis of not using HIU pump.

In the longer term, the Technical Committee should maintain a knowledge base of the benefits that active control of the pump speed by the HIU could provide and consider if the HIU Test scope should be expanded to include assessment of such capability at some future point (particularly if the Test scope is expanded to include additional features).

Rationale (underlying basis for assumption)

The use of the HIU pump would make achieving identical test conditions for each HIU very difficult to achieve. There is no clear benefit, in terms of data useful to the understanding and quantifying HIU performance, from using the HIU pump for the current HIU Tests. Use of the pump, controlled by the HIU controls may allow improved HIU performance but the HIU Test Regime would need to be expanded with additional tests to be able assess such benefits and this is not in accordance with the objectives of the regime (with respect to testing additional features as against baseline performance).

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

N/A

CHANGE EVALUATION

Date Evaluated	23/07/2020
Additional Information Required?	N
Modification to Proposed Approach?	N
Details	
Signed-off	Y