

<b>Change Note</b>		<b>CN-061</b>
<b>Change to:</b> Technical Assumption 64		
<b>Description:</b> Cleaning of meter data		
<b>References:</b> Test regime paragraph 2.24, all tests		
<b>Change originator:</b> SC		<b>Date of request:</b> 30/06/21
<b>Rev:</b> 01	<b>Date authored:</b> 08/07/21	<b>Proposed change to assumption:</b> N

## 1. Proposed Approach

There was a question of whether the ‘cleaning’ of data by test houses (for presentation purposes) needed to be regulated or supervised.

The consensus was that the definition of when cleaning of data was acceptable given in Clause 2.24 was sufficient.

## 2. Rationale (underlying basis for the change)

Test equipment and software can add systematic errors (e.g, a bias or offset) or random errors (anomalous data points) to test results. For instance, some flow meters may give a non-zero reading where in fact there is no flow (offset bias).

It is acceptable for the test house to correct for these errors in the analysis or presentation of their results.

However, as stated in Clause 2.24.

- Any cleaning (adjusting) must be robustly justifiable. Qualitative evidence to support cleaning actions will be required.
- Any and all cleaning actions must be repeated for all test results and for all HIU's.
- The test-house will agree to periodic re-testing to show the continued presence of the error.
- If the test rig is modified to remove the bias or erroneous data then cleaning may be stopped. Qualitative evidence of any improvements may be required to support this action.
- BESA retains the right to challenge the data supplied or to investigate the raw data results.

**3. Impact of change (e.g. implications for test rig)**

N/A

<b>Evaluation of change</b>			
<b>Date evaluated:</b> 17/12/21	<b>Those present:</b> GJ & FV	<b>Additional info required?:</b> N	<b>Modification to proposed approach?:</b> N
<b>Details:</b> Confirmation on cleaning of meter data			
<b>Signed off:</b> Yes			