

ME2 Process Review

October 2016



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ME2 Procedure Amendments

- To include Rotary meter test procedure along side the turbine and USM procedures. New test within CP14.
- Omni internal battery back test, to verify the internal battery can hold up the configuration, ADC's and DAC's in the event of a complete power failure to the metering panel. New test after CP9
- Isenthalpic orifice plate temperature correction calculation to replace Isentropic calculation for use with newer windows based Omni's as per ISO 5167 2003 . Amendment within CP2 flow rate check
- Consider a ISO6976 CV calculation check from the analyser controller. New test TBA

ME2 Procedure Amendments

- Omni configuration checking CP9, use of master configurations and comparison tool like windiff. Also to save an 'as found' / 'as left' Omni configuration. References to 'As left' back-up copy of the previous configuration file; changed to Master configuration.
- ME2 procedure should clearly state that an 'as found' flow computer configuration should be saved and checked prior to commencing ME2, and should be reported in the ME2 results sheet. Should be included in section 4 – 'General preparations and precautions'
- Pre and post flow checks. In section 5 b (vi) to add acceptable flow value within 3%

ME2 Procedure Amendments

- Third party ME2 maintenance witnessing for Bio sites. Some reference to SGN witnessing third parties carrying out ME2 maintenance in section 4– ‘General preparations and precautions’
- Correction of a wrong reference to MAINT 8 CP14b should refer to MM/8
- Consideration need to be given to amending references to Transco i.e T/PR/ME/2 potentially rebadging to GDN/PR/ME/2.

Next Steps

- GDN's will each need a process lead.
- Scope and extent of the process review to be established.
- Future meeting dates to be agreed.