

COAT Task Force Conference Call

08/27/2015 10:00AM CST

Attendance:

Dan Lanctot
Mark Jarrett
Hind Abi-Akar
Jim Gutzwiller
Caroline Laufer
Martin Thompson
Bob Salguero
Greg Miranda
Kevin OMalley
Jim Rutherford
Bob Campbell
Mey Dewey – Add to distribution list for future TF calls.
Tim Griffin
Barb Goodrich
Jim Moritz
Elisa Santos
Sean Moyer
Pat Fetterman

Agenda Items:

Procedure Review

Old Business:

Discussion Items:

Procedure Review

Jim Moritz Comments:

Table 3 and 4 Exhaust back pressure listed as gauge for an absolute measurement.

8.3.4 does not define the aeration measurement system appropriately. The figure mentioned needs to be elaborated and updated. A photo of the instrumentation would be beneficial.

7.2.5 and 7.2.8 describe cross fitting as ½" NPT 4 way cross fitting located as close as possible to micromotion inlet and outlet.

7.2.1 should describe the gallery outlet as ****Follow up**** uncertain metric or SAE. Follow up with all labs that it should not be ¼" be ½" NPT cross fitting.

8.3.3.5 3/8 or metric straight thread fitting should be called out, description of the 1/8" thermocouple and length.

Mey Dewey Recommended changes:

6.2.3 Correct and new control software program.

6.2.6 Does not mention running waste-gate fully close.

Table 3 and 4 add note to intake manifold pressure on running with turbocharger waste gate fully closed.

6.3.4 Alternatively, other charge air coolers may be used that provide sufficient cooling capacity to control inlet manifold temperatures in the range specified elsewhere in this test method; All coolers shall be equipped with a drain system to remove condensate continuously from the boost air cooler outlet side. Remove the coolant diverter valve diaphragm for the Caterpillar supplied charge air cooler.

8.3.4.10 remove intercooler delta pressure limits

Move Section 6.4 to section 6.2 as a high level overview of the aeration system.

Section 7.3.4 and 7.3.6 will be modified to only replace at 5000h with no testing.

Update coolant P/N

Section 8.2.3 changes build oil to CAT DEO-ULS

Micromotion calibration and verification will be revisited and either removed or elaborated before the procedure goes to ballot.

Many items in the procedure have not been updated since previous revisions.

The review will continue at the next call once the current changes have been updated. Terry Bates may be requested to attend.