

CAT Surveillance Panel Conference Call

12/17/2015 8:30 CST

Attendance:

Hind Abi-Akar
Mark Jarrett
Jim Gutzwiller
Jim McCord
Sean Moyer
Jeff Clark
Heather DeBaun
Caroline Laufer
Jason Bowden
Matt Bowden
Martin Thompson
Bob Salguero
Andrew Stevens
Greg Miranda
Mark Cooper
Bhaskar Prabhakar
Mey Dewey
Bob Campbell
Adam Roig
Jim Moritz
Elisa Santos
Robert Stockwell
Zach Bishop
Dan Lanctot
Hatuey Campbell
Tim Griffin

Agenda Items:

- COAT Test Procedure Review

Old Business:

Discussion Items:

COAT Procedure Review

Please see the attached word document with Terry Bates' recommended changes that are referenced below.

Micromotion Calibration Period

There is currently no procedure for determining calibration accuracy.

8.3.2.4 a) Remove “certified third party” and replace with “manufacturer “. Reference Emerson process flow calibration centers.

<http://www2.emersonprocess.com/siteadmincenter/PM%20Micro%20Motion%20Documents/Flow-Service-Center-MC-001826.pdf>

The calibration turnaround time will be investigated.

The calibration interval could potentially be based on the number of references or on time. There was significant discussion on the Emerson Process recommendation and what the best course of action was.

Basing the calibration period on time was the final recommendation. An interval not to exceed two years was agreed upon. Two years from the calibration date to the start of the test.

Currently referenced stands can complete the current reference interval before calibrating their micro motion. The next reference for each lab should have the micromotion calibration date verified.

This time period could be potentially modified in the future based on reference data.

Motion: Martin Thompson Second: Tim Griffin

The Micromotion must be calibrated within 1 year from the start of a reference test.

Negatives: Greg Miranda

There were concerns with removing the Micromotion often, with running candidates outside of the required calibration period for references and with using references as the only check for calibration accuracy.

Motion: Greg Miranda Second: Mark Cooper

The Micromotion must be calibrated within 1 year of the start of test for both candidate and reference validity. This validity will go into effect for all references and candidate tests starting with the next reference period.

Negatives:0 Waves: TMC, SwRI – concerns over modifications to the aeration system and the potential effects on severity. This should be tracked in the future with whether micromotions showed out of tolerance limits during re-calibration.

Motion carries

Engine Liquids and Cleaning Solvent

Simplify by stating only section 7.3.4 of replacing at 5000 hours. Remove 7.3.3 and 7.3.5

Silicon Free Sealants

Approve Terry’s suggestions. With recommended clarifications below.

7.5 Sealant—Because leached silicon from engine gaskets and sealants can cause elevated aeration levels (see A12.1), use silicon-free sealants such as alkyl acrylate copolymer (ACM). Loctite¹ not defined. 5810A (item 39210 or 39211) has been found suitable for this purpose. Error! Bookmark

8.3.6 Approve Terry's changes.

10.5.2.2 remove "and stable"

Remove 14.3 and perform fuel dilution for ONLY the 5 hour sample.

Table 15.1 lower sample oil temp value should be 89.8

Add K to reported ICP data – requires data dictionary change.

Motion Martin Thompson Second Jim Gutzwiller

Add K to reported ICP data and to the data dictionary and report forms.

Negative: 0 Waves: TMC, TEI

Motion Caries

9.4.4 Potential discussion on replacing with wording in the t12 on stand modification and non standard tests. This will be reviewed and sent out via an email ballot.

Additional changes will be made via email recommendations. A limit on the date of these changes will be set.
