

ASTM F15.72 FMDs on Disposable Fuel Container Task Group Log of Meeting

Meeting: GoToMeeting/Telecon

Date: January 17, 2018

Time: 1:00 p.m. – 3:00 p.m. (meeting ended at 1:50 p.m.)

Attendees:

- Lead: Scott Ayers (CPSC)
- CPSC Attendees: Jonathan Kent, Kristen Talcott
- Other Attendees: Andy Minister, Bill Tobin, Bo Manalo, Cheryl Atkinson, Don Huber, Jason Ellis, JF Lalande, Joshua Dinaburg, Michael Stern, Robert Moss

Notes:

- Introduction
 - The standard will need to go through two ballots, Scott believes that the document is close to being ready for the first ballot. Expectation is to have one or two more phone calls with task group before sending draft to subcommittee for ballot.
 - Expectation is that the gasoline container standard will be balloted soon, hold this work from ballot until gasoline container is balloted
 - If any task group members would like access to the collaboration site, talk with Scott offline
 - Changes to document are being tracked in an Excel spreadsheet (document was on screen during meeting)
 - Since the last meeting, Scott has been wordsmithing document
- Meeting agenda: task group will go through document, get consensus on some outstanding items of discussion
- Document review/group discussion
 - Question: should we have another lab try to repeat the testing to see if the text is clear?
 - Labs should contact Scott if they want to try to set-up the equipment, but Scott will not hold up standard if there are no labs that volunteer.
 - Michael is not sure if Exponent would test in house without funding, a business case would need to be made.
 - Discussion on creating FMDs that always pass and always fail as a “calibration” for other labs. Josh thinks this is be possible
 - Scott has not had much feedback from test labs that he has tried to involve in the standard process, but thinks balloting may enhance participation from third party labs

- Would it be possible to do a lower fidelity usability test with other people not directly involved in the standard? May be copyright issues with sharing the document, Scott can contact Len for specifics.
 - Discussion of test set-up figure
 - Will add dimensions
 - Add the height of the pilot flame to the figure
 - Question on whether to simplify to one gas (ethylene)
 - Suggestion to use 0.93, as the threshold – this may be right on the border for many products, does this justify using ethylene only?
 - Mimic what FM global 6061/6062 uses in determining when to use propane (0.9 propane, 0.85 ethylene lean, 0.75 less lean ethylene, 0.65 stoic. ethylene.). Large proportion of expected tests will be Group D fuels, which will use propane.
 - Concern that consumer products may not have an MESG
 - Using two fuels in standard may push market towards using isopropanol and similar products (higher MESG)
 - Scott would rather err on the side of caution to avoid significant rewrite after ballot. It is easier to add both fuels now and then remove propanol if there is opposition to using two fuels
 - Discussion on concerns related to racing fuel
 - Task group decided at this point to specify that for MESG at or above 1.00 use propane, below use ethylene
 - Question on whether the standard should specify CP grade for fuels (99% pure)
 - Task group agreed to specify 98% purity of ethylene and 95% purity of propane.
 - Question on whether the standard should specify components of mixture?
 - Task group agreed that standard should specify output, not input
- **Action/Next steps:** Scott plans to rework sections marked in red in the Excel file, work on rearranging, wordsmithing, and cleaning up document
 - Scott will send Word document to group to review at next meeting
 - Anticipate next meeting in late February, early March. Exact date for meeting will be set by e-mail.