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Subject: Mack Surveillance Panel Teleconference Minutes - August 6, 2013
Date: Tuesday, August 06, 2013 10:12:01 PM

Attendance:
Bob Campbell
Mark Cooper
Pat Fetterman
Jim Matasic
Jim Moritz
Sean Moyer
Greg Shank
Mark Sutherland
Robert Warden

Meeting called to order shortly after 2:30 pm EDT by chair Mark Cooper.

Mark observed that the main topic for the call was to decide how many T-12 liners we need to order, and that to get 1K usable liners, the supplier needs to pour 2K liners.
Mark Sutherland offered to expand more details of the production process –
It is essentially a continuous pour casting process, but they can only pour about 2K T-12 liners, and they then must pour different liners with the same metallurgy. They can then go back and pour another group of T-12 liners.
The metallurgy of the poured liners is checked about 4 times per day and control is very good.
Rejected liners are re-melted and re-poured.
The heat treating process can handle about 2K liners per crate, but multiple crates may be treated at once.
Approximately 5 – 6K liners should support the test through 2020.

Greg Shank asked how many liners were used since the introduction of API CJ-4 in 2006, and Mark Sutherland researched the TEI records to find that 800 kits had been used for T-11 and T-12 testing with a 10% / 90% ratio between the tests – T-11 / T-12. Greg indicated that he thought we should order 2000 – 2500 liners, however the lead time for that is 90 days, and the T-12 will be out of liners in 60 days.

Mark Sutherland indicated that the supplier had previously stated 1K liners could be supplied by the end of September, and he hoped that timing was still OK. Suggested actions – 1) Order 1K liners ASAP. 2) Labs develop an estimate of liner needs through 2017, and supply data to TEI by Thursday, August 8th. TEI will work with supplier to track pour date/batch, heat treating date/batch and

machining date/batch.

Greg will check with Chris regarding information on both ring supplier availability for a meeting/call and how TEI should process an order for new piston crowns from the supplier.

Face to face meetings in San Antonio will start at 1 pm CDT on Monday, August 26th and finish at noon on Wednesday August 28th.

There being no further business, the call was adjourned at 3:30 pm EDT.

Respectfully submitted,
Pat, secretary pro-temp

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