

Sequence III Surveillance Panel Teleconference
Minutes
Friday, January 4, 2019

Agenda

As the host, I have not in the past and will not in the future record any ASTM meeting and there are no "authorized persons" that may record an ASTM meeting. As a reminder to everyone the recording of ASTM meetings is prohibited.

1.0) Attendance



Attendance.pdf

2.0) BC-6 Piston Rings

The sole purpose of the call was to consider the introduction of BC-6 Piston Rings. Todd Dvorak of Afton analyzed the ring data (attached) and provided a summary (also attached). Todd commented that the data appeared to be in order. SwRI conducted a recent reference test on BC-6 rings as BC-5 rings were no longer available:

Testkey – 140978

RO – 434-3

PVIS - 141.5

WPD – 4.16

OC - 2.24 L

Initial Blow-by – 39.5 L/min

Average blow-by – 32.1 L/min



Industry BC6 Piston
Ring Data.pdf



IIH-BC6-Ring-Measur
ement-Summary-.pdf

Discussion followed and the following motion was made (Altman/Chaudhry):

Each lab is requested to run a IIIH reference test with BC-6 rings on RO 434-3, to start by 01/16/2019. If the result meets LTMS criteria, with Level 2 application for e_i , then the stand can run candidate tests on BC-6 rings (and that stand will no longer run BC-5 rings). Any stand that runs an early reference will have the subsequent reference period extended accordingly – provided that stand was not already on extension.

The motion passed 16-0-0.

The panel's intent is to collect the data and when at least four tests have been completed, review for the possibility of allowing all other stands in the industry moving to BC-6 rings on a rolling basis. This will be addressed at the next panel meeting.

3.0) Next Meeting

Set for 1/22/19.

4.0) Meeting Adjourned

10:40 a.m. EST