



Test Monitoring Center

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MEMORANDUM: 13-013
DATE: March 19, 2013
TO: Sequence IV Surveillance Panel
FROM: Richard E. Grundza
SUBJECT: Target Update Reference Oil 1006-2

On the March 18, 2013 Sequence IV Surveillance Panel conference call, the panel approved an update to the means and standard deviations for the ACW parameter for reference oil 1006-2, based upon the data presented at that meeting.

The updated targets, which went into effect on March 20, 2013, are shown in the following table:

Oil	Mean	S
1006-2	102.18	13.54

Attached Figure 1 plots the data against the new and old targets for ACW. Table 1 lists the data for reference oil 1006-2 used in the target calculation. Please contact me if you have any questions.

c: [ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceIV/memo/mem13-013.reg.pdf/](ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceIV/memo/mem13-013.reg.pdf)

Distribution: email

Figure 1

Sequence IVA (Reference Oil 1006-2)
Test Target Data Set and Shewart Severity Limits
All Results to Date, n = 29

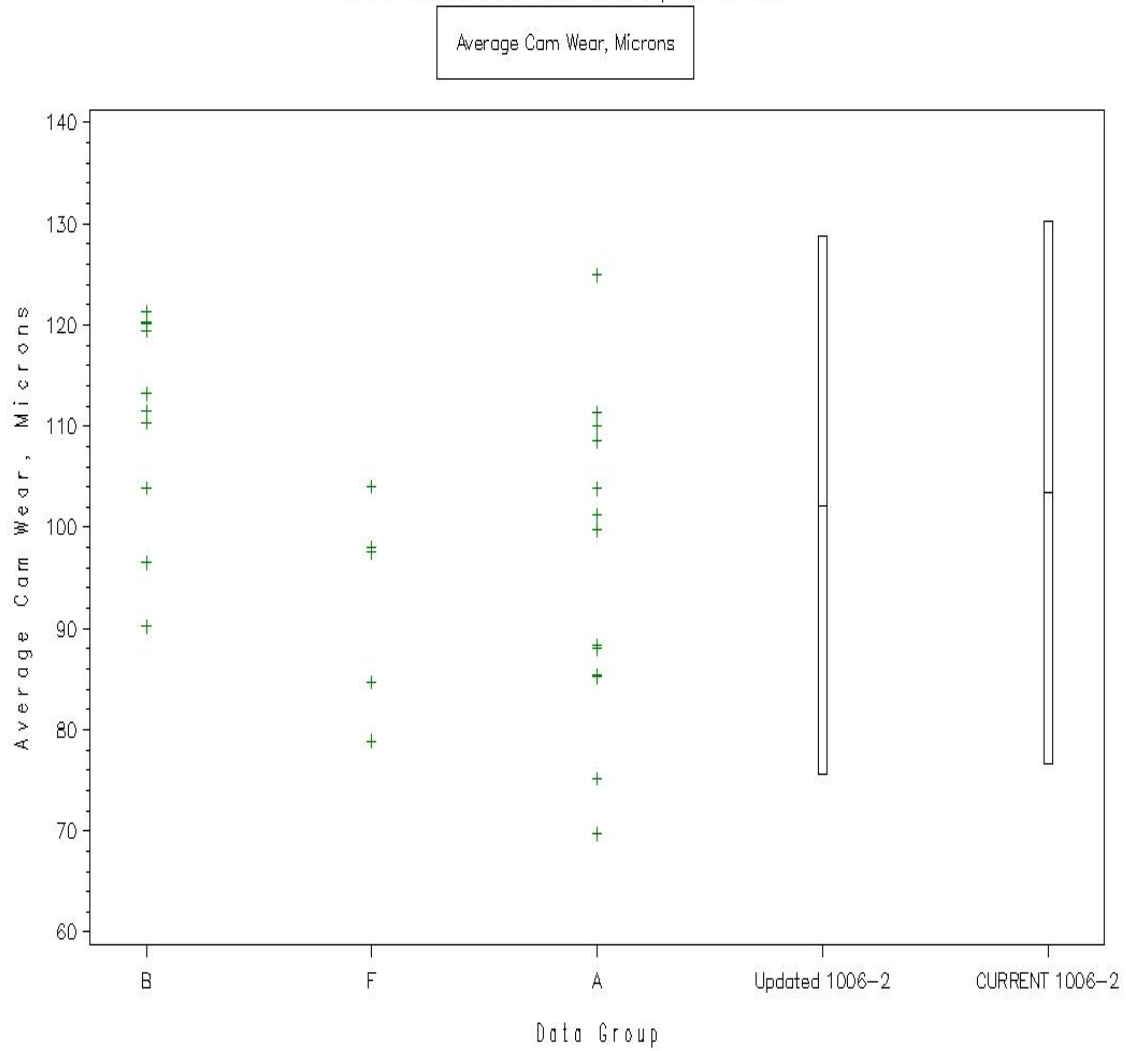


Table 1
Reference Oil Test Results

<u>TESTKEY</u>	<u>LTMSLAB</u>	<u>LTMSDATE</u>	<u>IND</u>	<u>VAL</u>	<u>ACW</u>	<u>SA</u>	<u>Severity Adjusted Result</u>
80991	B1	20110809	1006-2	AG	120.24	0	120.24
84235	F	20111002	1006-2	AG	104.60	0	104.06
78808	A	20111009	1006-2	AG	101.24	0	101.24
84565	A	20111110	1006-2	AG	75.19	9.65	84.84
86108	B1	20120208	1006-2	AG	96.55	0	96.55
85064	A	20120213	1006-2	AC	85.48	16.567	102.047
86679	B1	20120226	1006-2	AC	111.47	0	111.47
86688	A	20120321	1006-2	AC	85.31	15.357	100.667
84326	F	20120328	1006-2	AC	98.05	0	98.05
86689	A	20120418	1006-2	AC	85.2	14.538	99.738
86690	A	20120423	1006-2	AC	110.04	0	110.04
87577	A	20120522	1006-2	AC	119.48	0	119.48
86680	B1	20120522	1006-2	AC	121.37	0	121.37
87578	A	20120616	1006-2	AC	111.32	0	111.32
87579	A	20120624	1006-2	AC	69.72	0	69.72
86868	F	20120711	1006-2	AC	84.72	0	84.72
86871	B1	20120724	1006-2	AC	90.19	0	90.19
88335	A	20120723	1006-2	AC	108.56	0	108.56
86682	B1	20120730	1006-2	AC	120.15	0	120.15
88336	A	20120808	1006-2	AC	124.93	0	124.93
88337	A	20120817	1006-2	AC	99.73	0	99.73
88807	B1	20121028	1006-2	AC	113.24	0	113.24
88806	B1	20121029	1006-2	AC	110.38	0	110.38
89508	A1	20121202	1006-2	AC	88.28	0	88.28
91518	A	20121222	1006-2	AC	88.02	0	88.02
88611	F	20130211	1006-2	AC	78.89	0	78.89
88808	B1	20130225	1006-2	AC	103.90	0	103.90
91520	A1	20130316	1006-2	AC	103.86	0	103.86
93110	F	20130316	1006-2	AC	97.51	0	97.51