



Test Monitoring Center

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MEMORANDUM: 12-002
DATE: February 17, 2012
TO: Sequence IV Surveillance Panel
FROM: Richard E. Grundza
SUBJECT: Target Update Reference Oil 1006-2 and Updated Standard Deviation for SA's

On the February 2, 2012 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 February 2, 2012, are shown in the following table:

Oil	Mean	s
1006-2	100.18	18.65

On the February 9, 2012 Sequence IV Surveillance Panel conference call, the panel approved an update to the standard deviations for severity adjustment calculations. The standard deviation, 15.72 is a pooled standard deviation calculated from reference oil 1007 (n=31) and the four donated results obtained on reference oil 1006-2, which were used for the target update.

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 and pooled with the thirty one results in the original target data set for reference oil 1007. The new standard deviation will be applied to tests completing on or after February 9, 2012. Please contact me if you have any questions.

REG/reg

c: <ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceIV/memo/mem12-002.reg.pdf>

Distribution: email

Sequence IVA (Reference Oil 1006-2) Test Target Data Set and Shewart Severity Limits

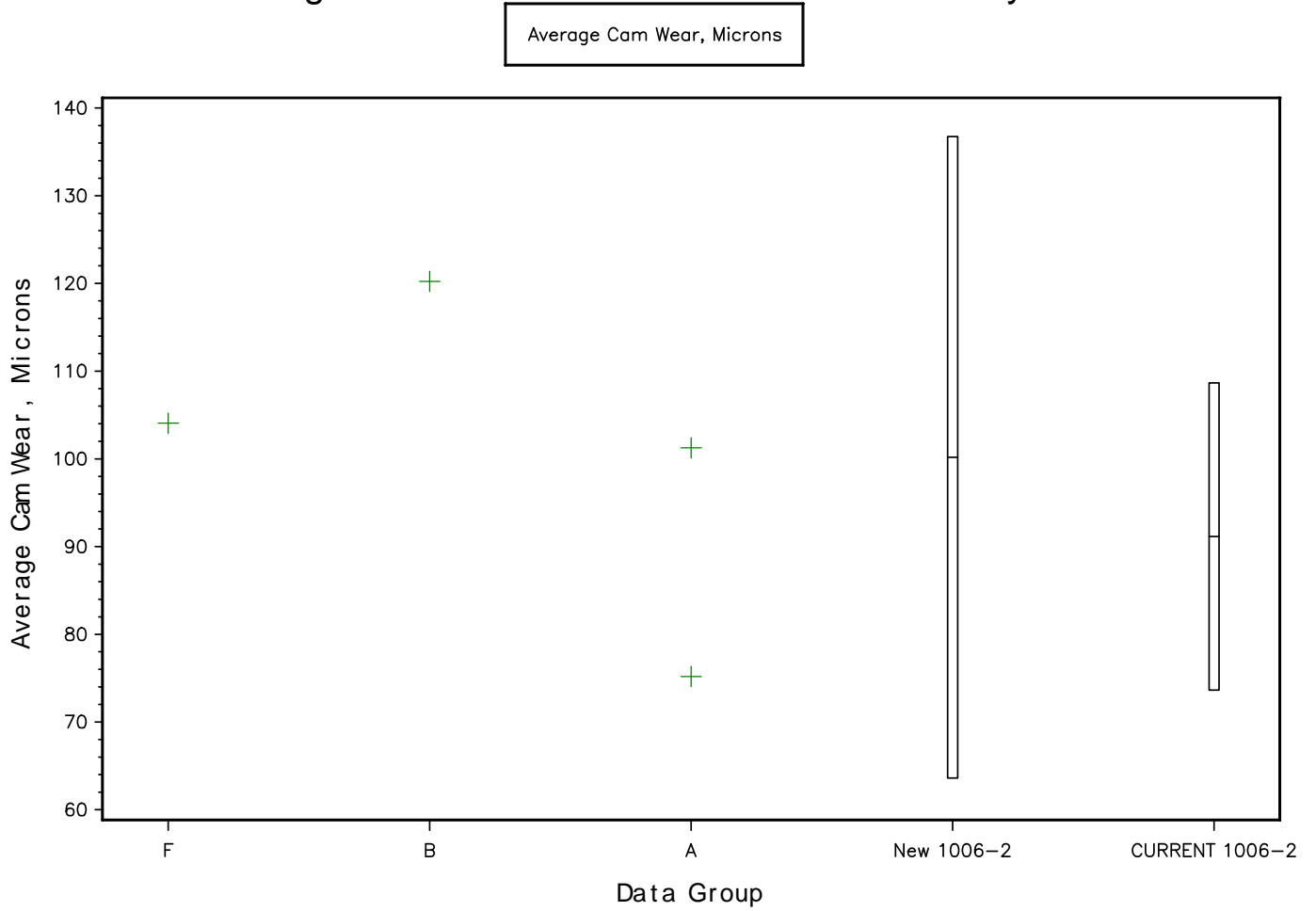


Table 1
Reference Oil Test Results

TESTKEY	LTMSLAB	LTMSDATE	IND	VAL	ACW
80991	B	20110809	1006-2	AG	120.24
84235	F	20111002	1006-2	AG	104.60
78808	A	20111009	1006-2	AG	101.24
84565	A	20111110	1006-2	AG	75.19