



Test Monitoring Center

6555 Penn Avenue
Pittsburgh, PA 15206-4489
(412) 365-1000

MEMORANDUM: 04-003

DATE: January 21, 2004

TO: Sequence III Surveillance Panel

FROM: Michael T. Kasimirsky *Michael T. Kasimirsky*

SUBJECT: Revised Sequence IIIG ACLW Test Targets & SA Standard Deviation

On January 20, 2004, the panel approved a motion to eliminate the use of a transformation on reference oil 438 for Sequence IIIG ACLW results. The panel also decided to revise the pooled standard deviation used for ACLW Severity Adjustment calculations to one based upon reference oils 434 and 435 only. These changes are effective for all tests completed on or after January 21, 2004. As of this date, all laboratory control charts will be recalculated without the use of a transformation on reference oil 438 results and any alarms or severity adjustments that result from this calculation will be effective for all tests completed on or after January 21, 2004.

The revised ACLW test targets for reference oil 438, based upon the initial 13 data points used to set the original targets, are shown in the table below:

Reference Oil 438 ACLW Test Targets, in Original Units (N=13)	
Mean	Standard Deviation
17.85	2.923

The revised pooled standard deviation for use in calculating ACLW Severity Adjustments is shown below:

ACLW SA Pooled Standard Deviation	0.1903
-----------------------------------	--------

As part of this motion, the panel also approved a plan to update the test targets for all three reference oils based upon the data available to date. These revisions will be prepared and released in the usual manner and will be effective at some date subsequent to their release. If you have any questions or comments on the information presented above, please feel free to contact me.

MTK/mtk

c: <ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceiii/memos/mem04-003.pdf>

Distribution: Electronic Mail

