



# Test Monitoring Center

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MEMORANDUM: 03-118

DATE: November 14, 2003

TO: Sequence III Surveillance Panel

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

SUBJECT: Sequence IIIGA Test Targets

**TMC Memo 03-121 has superceded this Memorandum and the test targets shown below should **not** be used in the Sequence IIIGA test.**

At the October 29, 2003, meeting of the Sequence III Surveillance Panel, the panel approved several motions to remove the MRV parameter from the Sequence IIIG test and create a separate Sequence IIIGA test to measure this parameter. MRV results are to be severity adjusted in a manner similar to the other pass/fail parameters in the Sequence IIIG test. To this end, test targets were needed for MRV. The TMC has generated those targets and the results are shown in the following table:

Initial Reference Oil Targets for Sequence IIIGA MRV results		
Reference Oil (N size)	Mean	Standard Deviation
434 (N=16)	10.4740	0.38793
438 (N=16)	9.8632	0.19411

In addition, the panel discussed a pooled standard deviation value for use in calculating Severity Adjustments on MRV results. A value was calculated and presented at the meeting, however subsequent to the meeting some of the MRV results, upon which that value was based, were revised. As a result, a new pooled standard deviation was calculated. This new value is 0.30763 and should be used for all Sequence IIIGA MRV Severity Adjustment calculations.

These targets are effective for all MRV results obtained to date. However, any Severity Adjustments on MRV that result from these targets are only applicable to tests completed on or after November 3, 2003.

MTK/mtk/mem03-118.mtk.doc

c: <ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceiii/memos/mem03-118.pdf>

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