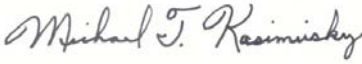




Test Monitoring Center

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<http://astmtmc.cmu.edu>
412-365-1000

MEMORANDUM: 16-015
DATE: May 11, 2016
TO: BRT Surveillance Panel
FROM: Michael T. Kasimirsky 
SUBJECT: Reference Oil 82-1 Initial Test Targets

As approved by the BRT Surveillance Panel, Reference Oil 82-1 is introduced into the calibration system using test targets based upon twenty-five data points. The initial targets are shown in Table 1, below:

Table 1: Reference Oil 82-1 Initial Test Targets (N=25)			
Parameter	Mean	Standard Deviation	Acceptance Range
Average Gray Value	49.2	16.4	17 to 82

The individual test results used in generation of these test targets are shown in Table 2. The individual test results, initial test target acceptance range, and the test target acceptance range for Reference Oil 82 for *Average Gray Value* are plotted in Figure 1.

These test targets will be updated and frozen after six months of data are available on this reference oil.

These targets are effective on May 15, 2016.

c: <ftp://ftp.astmtmc.cmu.edu/docs/bench/htcibt/memos/mem16-015.pdf>

Distribution: electronic mail

Table 2: Individual Test Results					
TESTKEY	LAB	SHKTBLID	LTMSDATE	LTMSTIME	AGV
69212-BRT	A	1	20090206	07:00	52
69213-BRT	A	1	20090217	08:30	47
69214-BRT	A	1	20090218	07:30	50
69215-BRT	A	1	20090219	07:30	49
69216-BRT	A	1	20090220	08:00	48
116553-BRT	A	1	20160318	08:30	52
116554-BRT	A	1	20160318	08:30	57
116555-BRT	A	1	20160318	08:30	49
69220-BRT	B	2	20090114	08:25	46
69218-BRT	B	2	20090122	09:30	42
69221-BRT	B	2	20090130	08:35	56
69219-BRT	B	2	20090205	09:00	40
116477-BRT	B	4	20160318	10:00	51
116478-BRT	B	4	20160323	08:40	46
116479-BRT	B	4	20160405	09:10	28
116459-BRT	D	1	20160317	08:00	23
116460-BRT	D	1	20160317	08:00	33
116461-BRT	D	1	20160317	08:00	25
69211-BRT	G	2	20090408	09:30	47
69210-BRT	G	2	20090409	09:10	40
69209-BRT	G	2	20090414	09:35	48
69208-BRT	G	2	20090415	09:45	46
116440-BRT	G	2	20160407	12:50	74
116441-BRT	G	2	20160407	12:50	91
116442-BRT	G	2	20160407	12:50	91

Figure 1: Average Gray Value Test Target Data Set and Acceptance Bands

BRT Reference Oil 82-1

