

Test Monitoring Center

@ Carnegie Mellon University 6555 Penn Avenue, Pittsburgh, PA 15206, USA http://astmtmc.cmu.edu 412-365-1000

MEMORANDUM: 16-003

DATE: April 7, 2016

TO: Brian Koehler, Chairman, High Temperature Cyclic Durability Test

Surveillance Panel

FROM: Scott Parke

SUBJECT: HTCT Testing from October 1, 2015 through March 31, 2016

Please find attached a summary of testing activity this period.

SDP/sdp/mem16-003.sdp.doc

cc: Frank Farber Jeff Clark

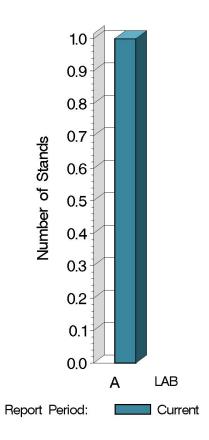
HTCT Surveillance Panel

ftp://ftp.astmtmc.cmu.edu/docs/gear/htct/semiannualreports/htct-04-2016.pdf

Distribution: email

	Reporting Data	Calibrated on 3-31-16
Number of Labs	1	1
Number of Stands	1	1

BY-LAB STAND DISTRIBUTION





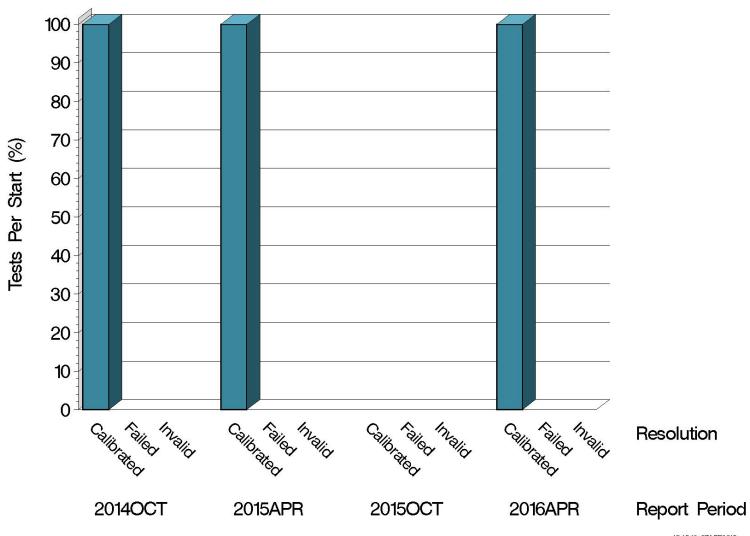


Test Distribution by Oil and Validity

						tals
		154	155	155-1	Last Period	This Period
Accepted for calibration	AC	0	0	1	0	1
Rejected (Mild)	OC	0	0	0	0	0
Rejected (Severe)	OC	0	0	0	0	0
Rejected (Precision)	OC	0	0	0	0	0
Invalidated calibration	LC	0	0	0	0	0
Aborted	XC	0	0	0	0	0
Accepted information run	NI	0	0	0	0	0
Total		0	0	1	0	1



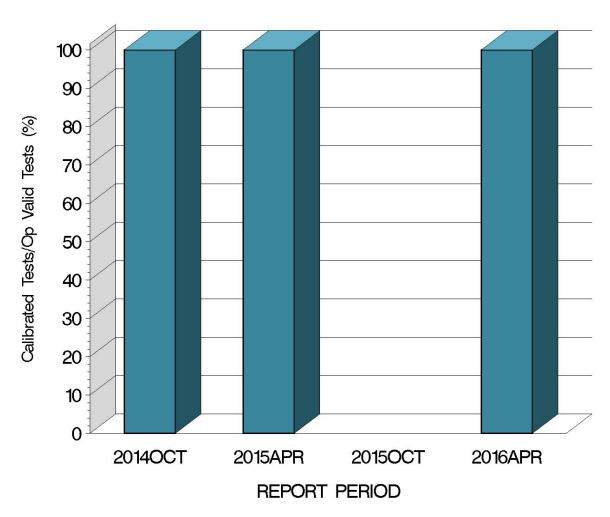
CALIBRATION ATTEMPT SUMMARY







OPERATIONALLY VALID TESTS MEETING ACCEPTANCE CRITERIA



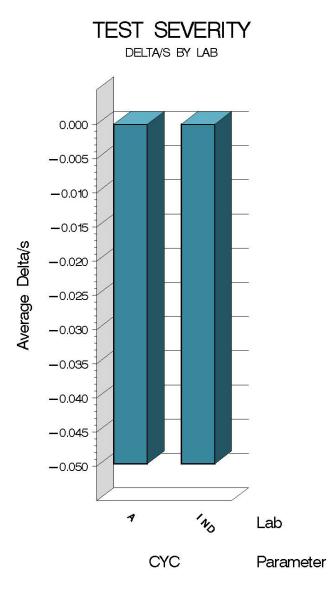




High Temperature Cyclic Transmission CAUSES FOR LOST TESTS

			Oil			Validity			Loss Rate		
Lab	Cause		154	155	155-1	RC	LC	XC	Lost	Starts	%
	No tests were lost this period.								0	1	0%
		Lost	0	0	0	0	0	0			
		Starts	0	0	1	1	1	1			
		%	0%	0%	0%	0%	0%	0%			





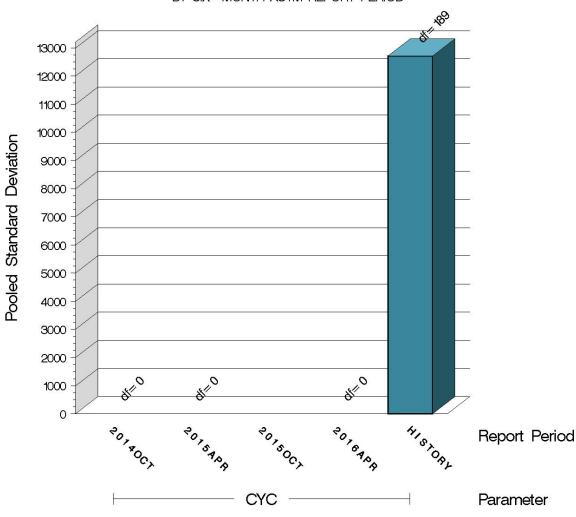
Average ∆/s by Lab				
Lab	n	CYC		
Α	1	-0.05		
Industry	1	-0.05		
Shift	1	-480		





TEST PRECISION

POOLED STANDARD DEVIATION
BY SIX-MONTH ASTM REPORT PERIOD







SUMMARY OF SEVERITY & PRECISION

Severity

The CYC result reported this period was within industry control chart limits.

Precision

The CYC result reported this period did not result in any precision alarms.

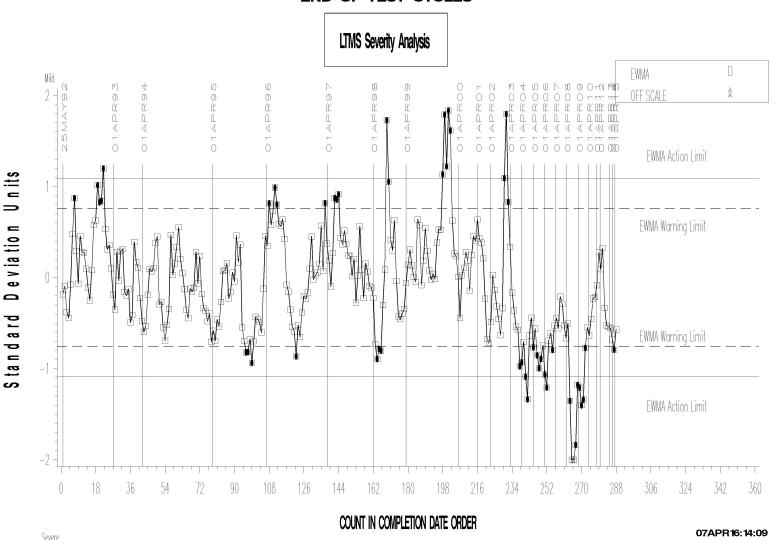
Industry control charts follow.





HTCT INDUSTRY OPERATIONALLY VALID DATA

END OF TEST CYCLES

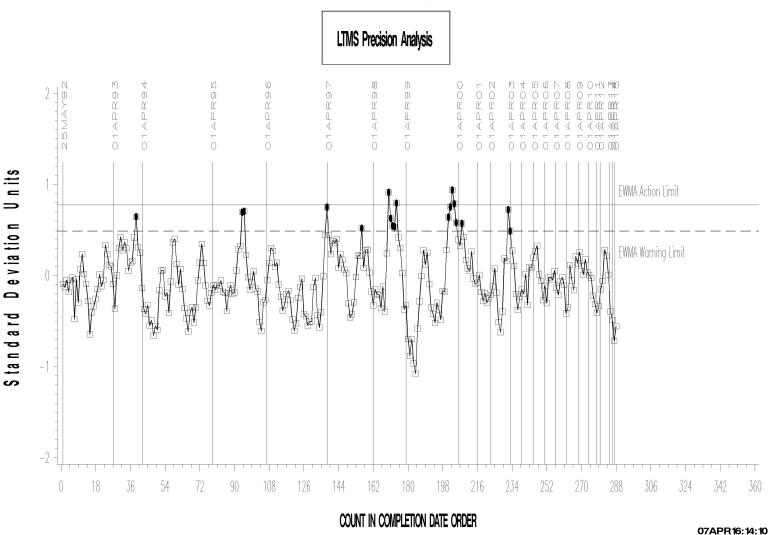






HTCT INDUSTRY OPERATIONALLY VALID DATA

END OF TEST CYCLES

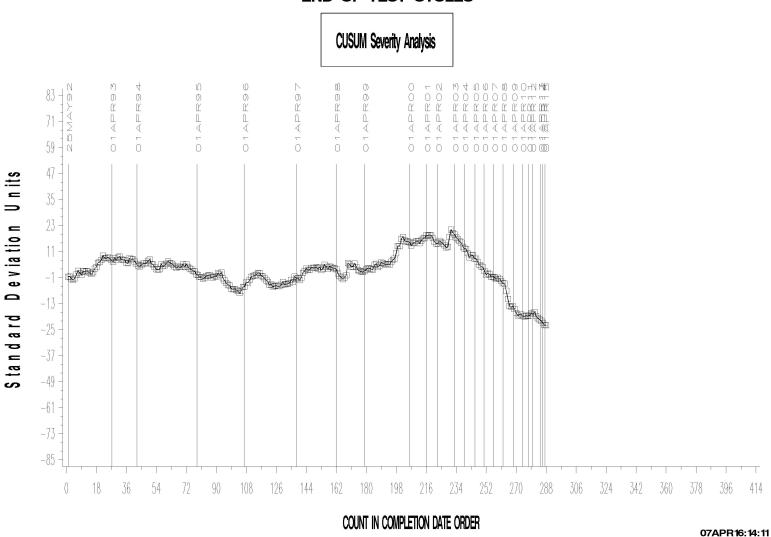






HTCT INDUSTRY OPERATIONALLY VALID DATA

END OF TEST CYCLES







TIMELINE ADDITIONS

Effective Date	Information Letter	Event	
		No timeline additions were made this period.	



LAB VISITS

No HTCT lab visits were conducted during this period.

INFORMATION LETTERS

No information letters were issued this report period.





STATUS OF REFERENCE OIL SUPPLY

		@ TMC		
Oil	Cans @ Labs	Cans	Gallons	
154	2	16	176.0	
155	0	1	15.0	
155-1	2	21	231.0	
Total	4	38	422.0	

The TMC quantity remaining presumes usage only for HTCT testing. Oil 155/155-1 is also used in other test areas (L-33-1, L-37 and L-37-1). Oil 154 is the discrimination oil used only for new hardware approval.



