



Test Monitoring Center

© Carnegie Mellon University
6555 Penn Avenue, Pittsburgh, PA 15206, USA

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

MEMORANDUM: 19-029
DATE: May 29, 2019
TO: HTCBT Surveillance Panel
FROM: Michael T. Kasimirsky *Michael T. Kasimirsky*
SUBJECT: Reference Oil 1005-5 Test Target Revision

During the May 23, 2019, teleconference held by the HTCBT Surveillance Panel, the panel approved a change to the Test Method that requires all metals concentration results to be reported in whole number units. As part of this change, the panel approved a change to the test targets on the reference oils, rounding those values to whole number units.

Reference Oil 1005-5 test targets were revised based upon rounding the Acceptance Range to the nearest whole number. The revised targets are shown in Table 1, below:

Table 1: Reference Oil 1005-5 Revised Test Targets			
Parameter	Mean ^A	Standard Deviation ^A	Acceptance Range
Copper Concentration ^B	1.8497	0.3363	3 to 12
Lead Concentration	9.5	7.6	0 to 24

^A These values were not rounded or changed.

^B Mean and Standard Deviation in transformed units.

The revised test target acceptance range and the previous test target acceptance range for *Copper Concentration* and *Lead Concentration* are plotted in Figures 1 and 2, respectively.

These targets are effective on July 1, 2019.

c: <http://ftp.astmtmc.cmu.edu/ftp/docs/bench/htcvt/memos/mem19-029.pdf>

Distribution: electronic mail

Figure 1: Change in Copper Concentration

Test Target Data Set and Acceptance Bands

HTCBT Reference Oil 1005-5

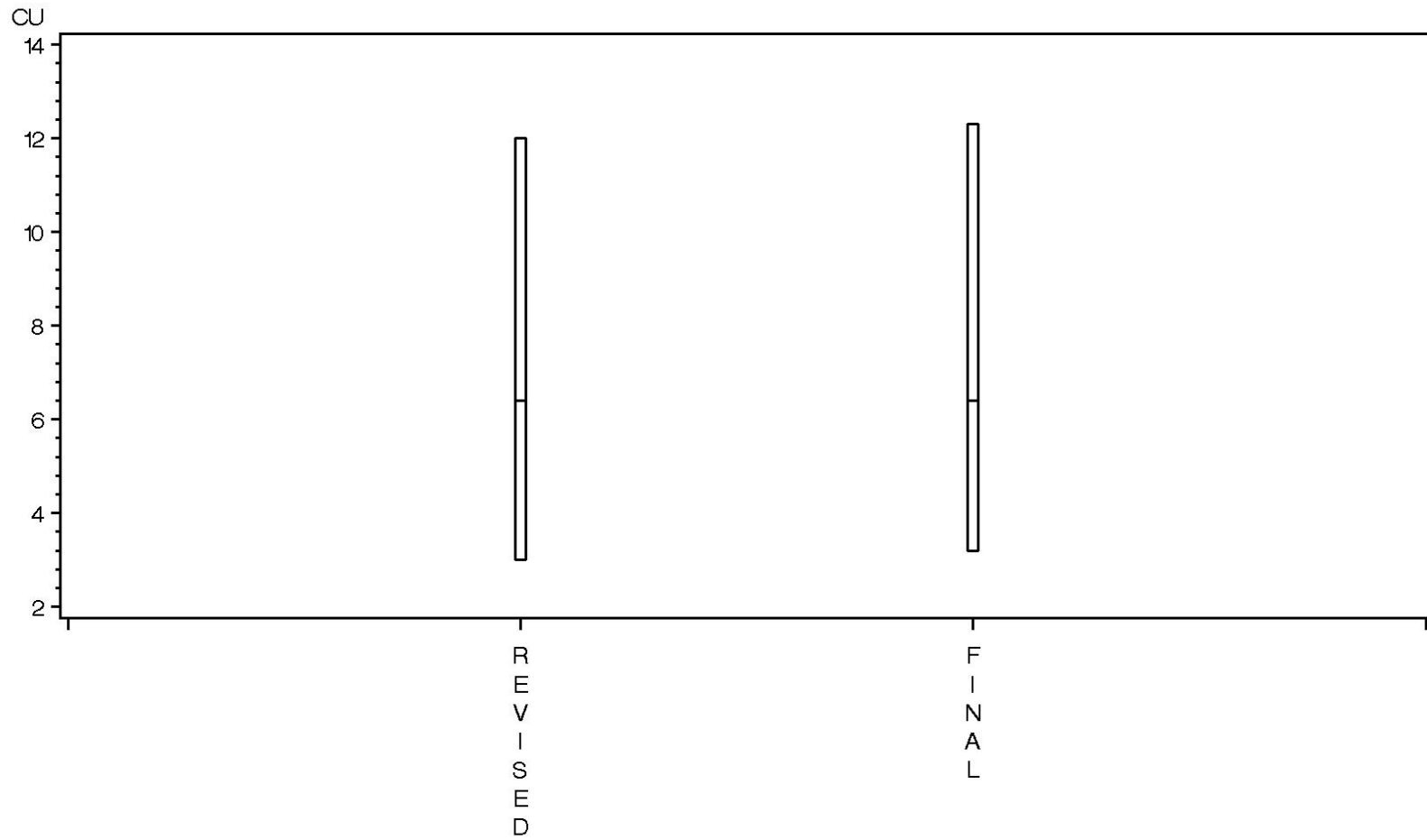
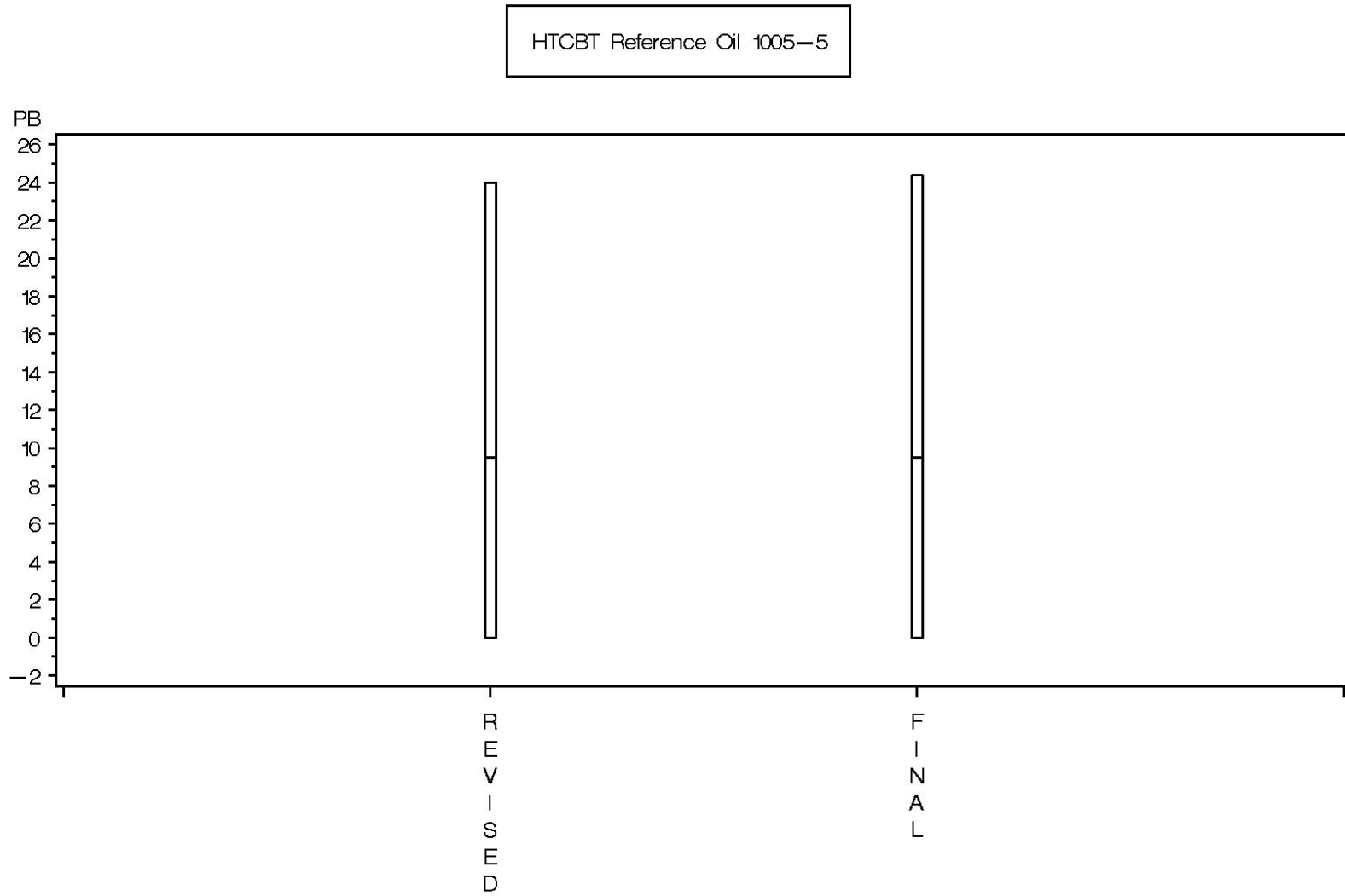


Figure 2: Change in Lead Concentration
Test Target Data Set and Acceptance Bands



LTMSLAB