



## Test Monitoring Center

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

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

ROBO Information Letter 20-01  
Sequence No. 2  
August 27, 2020

*ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.*

TO: ROBO Mailing List

SUBJECT: Revisions to ROBO Test Method D7528, Section 9

The ROBO Surveillance Panel has approved revisions to the ROBO Test Method D7528, Section 9. The revisions are attached. Specifically, the changes modify the pre-calibration testing requirements for new test stands at existing labs that are already experienced with calibrating other test stands. A footnote change is also included to update a reference to the LTMS calibration requirements. These changes are effective September 14, 2020, concurrent with corresponding approved updates to the ROBO LTMS calibration requirements.

Justin Mills  
Chair  
ROBO Surveillance Panel

Frank M. Farber  
Director  
ASTM Test Monitoring Center

Attachments

c: [http://www.astmtmc.cmu.edu/ftp/docs/bench/robo/procedure\\_and\\_ils/IL20-01\\_ROBO.pdf](http://www.astmtmc.cmu.edu/ftp/docs/bench/robo/procedure_and_ils/IL20-01_ROBO.pdf)

Distribution: Electronic Mail

## Modifies Test Method D7528-17a

---

### Replace existing sections 9.1, 9.1.4, and 9.1.6 with the following:

9.1 *New Test Stand at New Test Laboratory Calibration.* For new ROBO apparatus at existing laboratory, proceed to 9.2. For existing ROBO apparatus test stands, proceed to 9.3.

9.1.4 Report test results to the TMC using the standardized reporting protocols (see 9.3.3 and Section 13). Be sure to include all required operational parameters as defined in the reporting protocol data dictionary.

9.1.6 If all the required test stand set-up runs meet the current, approved ROBO TMC calibration requirements<sup>11</sup> (both operationally and statistically), the TMC will notify the laboratory that it can proceed with calibrating the test stand per 9.3.

### Insert new section 9.2:

9.2 *New Test Stand at Existing Laboratory Calibration*

9.2.1 Laboratory can proceed with calibrating the test stand per 9.3.

### Renumber all current section 9.2 and subsection items to 9.3 accordingly.

### Replace footnote 11 with the following:

<sup>11</sup> The ROBO LTMS Calibration Requirements document is available at:  
<http://www.astmtmc.cmu.edu/ftp/docs/ltms/ltms.pdf>

### Replace section 9.2.4.2 with the following (section 9.2 to be renumbered to 9.3):

9.3.4.2 In the event the reference oil test is unacceptable, the test laboratory shall provide an explanation of the problem relating to the failure. If the problem is not obvious, carry out operational re-checks (instrumentations, settings, and procedures). Following the re-checks, the TMC assigns another reference oil for testing by the laboratory. If this reference oil test is unacceptable, a reassessment of the stand setup as described in 9.1 or 9.2 may be necessary.