



Test Monitoring Center

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1K/1N Information Letter No. 16-1
Sequence No. 38
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ASTM consensus has not yet been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: Caterpillar Surveillance Panel Mailing List
SUBJECT: Changes to 1K/1N Humidity Measurement Device Calibration

During the May 4th Surveillance Panel meeting it was decided to update the specified humidity measurement device as well as the device calibration timing requirement. The device requirement has been updated to allow for chilled mirror equivalent devices to be used. The device must be calibrated during the test or within 48 hours before the start of the test.

Section 11.11.2 has been updated and is attached. These changes to Test Method D6750 are effective immediately.

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Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/scote/procedure_and_ils/1k-1n/il16-01_1k1n.pdf

Distribution: Email

(Revises Test Method D6750-15a as amended by Information Letter 15-3)

11.11.2 Calibration of Primary Humidity Measuring System—Calibrate the primary humidity measuring system during the stand calibration or within 48 h of the start of a stand calibration test with a chilled mirror dew point hygrometer or equivalent having an accuracy of ± 0.55 °C at 24 °C dew point and moisture content in dry air of ± 0.6 g/kg. Perform additional stand calibrations when ambient temperature and ambient humidity conditions differ from the last semi-annual ambient test condition to ensure that the stand humidity remains within test requirements.