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Test Monitoring Center

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L-37-1 Information Letter 24-1
Sequence Number 11
February 20, 2024

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

TO: L-37-1 Surveillance Panel

SUBJECT: Typographical revision to L-37-1 Test Method and Removal of Canadian Referencing Requirements

During a February 7th, 2024 L-37-1 Surveillance Panel meeting, the members voted to remove the requirement for Canadian reference testing in the D8165 test method. D8165 (L-37-1) will mirror the wording used in the D6121 (L-37) test method. The D6121 method is the previous version of the D8165 test. Additionally, the panel also agreed to correct a typographical error in section 12.2.1 of the test method. The section references rating manual 241 and is being corrected to Manual 21. These changes are effective immediately following the conclusion of the surveillance panel vote.

Nick Schaup

Nick Schaup
Chairman
L-37-1 Surveillance Panel

Jeff Clark
Executive Director
ASTM Test Monitoring Center

Attachment

c: https://www.astmtmc.org/ftp/docs/gear/l371/procedure_and_ils/il24-1_L371.pdf

Distribution: Email

Replace section 9.3.6 and section X1.2.1 with the following:

9.3.6 Within a reference period, alternate testing using different gear batches, or dynamometer torque conditions, or test temperatures does not necessitate recalibration. ~~However, calibrate the test stand for both the standard and Canadian tests independently in order for results at either condition to be valid.~~

X1.2.1 ~~Calibrate, as described in Section 9, any stand intended to run a Canadian test independently of any standard test calibration.~~ A stand that is calibrated for the L-37-1 Standard Version test is also calibrated for the L-37-1 Canadian Version test.

Replace section 12.2.1 with the following:

12.2.1 Examine the tooth surfaces on the drive side of the pinion and ring gear for the following distresses in accordance with ASTM Distress Rating ~~Manual 214~~ Manual 21 and Annex A10: burnishing, wear, pitting/spalling, ridging, rippling, scoring, discoloration, corrosion, and deposits. Rate the distress types of wear, rippling, and ridging using the ASTM Photographs for Gear Distress. The photographs are available as an ASTM item TMCGEARDISTRESS2010PR and shall have been issued on or after November 9, 2010.20