



## Test Monitoring Center

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L-37 Information Letter 19-1  
Sequence Number 55  
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***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 Surveillance Panel

SUBJECT: Clarification on approval requirements of axle build procedure

During a February 13, 2019 meeting, the L-37 Surveillance Panel agreed to change the wording in section 8.2 to clarify the approval process for the building of an L-37 axle. The previous wording of "The builder is approved..." could be misinterpreted to understand that the axle builders from each lab had to be tested and certified by the Test Monitoring Center (TMC). In reality, TMC tracks the L-37 test area on a lab basis and not a builder basis.

Section 8 of D6121 has been updated. The text of the revisions is shown in the attachment. These changes are following the February 13, 2019 meeting date.

Robert Slocum  
Chairman  
L-37 Surveillance Panel

Frank Farber  
Director  
ASTM Test Monitoring Center

Attachment

cc: [http://www.astmtmc.cmu.edu/docs/gear/137/procedure\\_and\\_ils/il1901\\_L37.pdf](http://www.astmtmc.cmu.edu/docs/gear/137/procedure_and_ils/il1901_L37.pdf)

Distribution: Email

*Replace section 8.2.1 with the following:*

**8.2.1** To be approved to build axles acceptable for testing, obtain a separate approval for each of the two hardware types (lubrited and non-lubrited). Approval may be obtained for both hardware types by conducting three tests on each hardware type, or approval can be obtained with either hardware type independently by conducting just three tests on that type. To be approved to build axles acceptable for testing, assemble three axles in accordance with section 8.4 **using any acceptable hardware set**. Run these axles in tests using a blind mix of the following TMC-assigned oils: one TMC 152-2 and two TMC 134's (or approved re-blends of 134).

**8.2.1.1** If all three of these tests are operationally valid and meet the LTMS acceptance criteria for the standard V1L528 batch hardware, **the laboratory is approved** to build axles for testing and the test stand is calibrated for the period described in 9.1

**8.2.1.2** If only the TMC 152-2 does not meet the LTMS acceptance criteria, rerun one TMC 152-2 fluid. If the repeat run meets LTMS acceptance criteria, **the laboratory is approved** to build axles for testing and the test stand is calibrated for the period described in 9.1.

**8.2.1.3** If only one of the two TMC 134 pinion results does not fail SAE J2360 acceptance criteria, rerun two consecutive TMC 134's. If the pinion results for both repeats fail SAE J2360 acceptance criteria, **the laboratory is approved** to build axles for testing and the test stand is calibrated for the period described in 9.1.