



Test Monitoring Center

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Sequence VIE Information Letter 18-4
Sequence Number 8
November 19, 2018

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

TO: Sequence VI Surveillance Panel

SUBJECT: 1. Additional Fuel Flow Measurement Device
2. Additional Oil Circulation Pump and Updated Motor Specifications

1. During the October 29, 2018 Sequence VI Surveillance Panel Conference call, the panel agreed to allow the use of another model MicroMotion measurement device. The manufacturer is phasing out the current model (CMF010) specified in the procedure and model CMFS010 is a comparable replacement. Section 6.7.2 has been revised to add Model CFMS010 to the test method.
2. During the November 6, 2018 Sequence VI Surveillance Panel Conference call, the panel agreed to allow the use of another model pump for the oil recirculation pump. Model G4124B has been found suitable for this application. Also, the panel agreed to increase the motor rpm specification from 1140 – 1150 rpm to 1140 – 1170 rpm, as newer motors are being received with a higher speed rating. Finally, pump model G4214A is identified incorrectly. The correct model is G4124A. Section 6.6.5.2 has been revised to reflect these changes.

These revisions are effective with the issuance of this letter.

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Engine Oil Test Development and Support
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Frank M. Farber
Director
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Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/gas/sequencevi/procedure_and_ils/VIE/i118-4.pdf

Distribution: Email

Revises D8114-18 as amended by Information Letters 18-1, 18-2 and 18-3

6.6.5.2 Use a positive displacement oil circulation pump. A Viking Series 4125, Model G4125, G4124A, or G4124B, no relief valve, base mounted are specified (see X1.15). The pump shall have a V-belt or direct drive electric drive motor of 1140 r/min to 1170 r/min with a minimum power of 0.56 kW. Voltage and phase are optional.

6.7.2 *Fuel Flow Measurement*—Measure the critical fuel flow rate throughout the test. Use a Micro Motion Model CMF010 or CMFS010 mass flow meter with either a RFT9739, 2500 MVD, 2700MVD, or 1700MVD transmitter, see X1.24. The Micro Motion sensor may be mounted in a vertical or a horizontal position.