



Test Monitoring Center

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Sequence IIIF Information Letter 02-4
Sequence No. 10
November 15, 2002

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 IIIF Mailing List

SUBJECT: External Oil Bypass Valve System & Modified Oil Filter Adapter

This information letter implements action items approved by the Sequence IIIF Surveillance Panel. This information letter addresses specific parts and procedures pertaining to quality, consistency, performance, and accountability of test parts as part of the ongoing effort by the panel to ensure continual process improvement of the Sequence IIIF test.

External Oil Bypass Valve System & Modified Oil Filter Adapter

At the May 16, 2002 meeting of the Sequence IIIF Surveillance Panel the panel approved a motion to implement the use of the External Oil Bypass Valve System & Modified Oil Filter Adapter developed by OH Technologies, Inc. into the Sequence IIIF test. The motion also requires the addition of a thermocouple in the external system to monitor the temperature differentials to detect bypass operation. No reporting of this temperature data is required. If bypass operation is detected, a note in the comments section of the test report shall be made. This change shall be in place by June 1, 2002. A new Section 10.36 of the Sequence IIIF Test Procedure is attached.

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John L. Zalar
Administrator
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Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceiii/procedure_and_ils/IL02-4.pdf

Distribution: Email

10.36 External Oil Cooling System-Install the external oil cooling system as follows:

10.36.1 Modify an Oil Filter Engine Adapter, part number 24501300, by removing the oil bypass valve. Refer to Section 4 Sheet 4 of the Sequence IIIF Engine Assembly Manual. Install the adapter on the engine front cover.

10.36.2 Install an Oil Cooler, part number OHT3F-030-2, using Connector part number OHT3F-039-3, as shown in the Sequence IIIF Engine Assembly Manual section 8 sheet 3.

10.36.3 Install an Oil Filter Adapter Fitting, part number OHT3F-043-2, and an Oil Filter Adapter, part number OHT3F-035-2, as shown in the Sequence IIIF Engine Assembly Manual section 8 sheet 3.

10.36.4 Install the Bypass Valve Assembly Housing, part number OHT3F-084-1, on the Oil Filter Engine Adapter, as shown in the Sequence IIIF Engine Assembly Manual section 8 sheet 3b.

10.36.5 Install a thermocouple in the External Bypass System to detect operation in bypass mode. If bypass is detected during a test it shall be noted in the comments section of the test report. No reporting of this temperature data is required.