



Test Monitoring Center

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Sequence IIIG Information Letter 16-1
Sequence No. 43
February 1, 2016

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 III Mailing List

SUBJECT: Additional Cleaning to Allow Reuse of Fuel Injectors

As a result of a recent Sequence III Surveillance Panel conference call, the panel agreed to allow the cleaning of fuel injectors by ultrasonic means. This cleaning method may be used for reference and non-reference testing on or after January 20, 2016. Sections 6.14.1.6 (a) and (b) and new footnote 15 have been added to Test Method D7320 and are attached.

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Attachments

c: ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceiii/procedure_and_ils/IIIG/IL16-1.pdf

Distribution: Electronic Mail

Modifies Test Method D7320-15a, as amended by Information Letter 15-2

6.14.1.6 Observe the spray pattern that each injector produces; if an injector's spray pattern is a straight stream or dribbles, the injector can be cleaned and reused after satisfactorily undergoing the following steps:

- a) First, immerse the fuel injector in degreasing solvent briefly; remove it and place it in an ultrasonic-type cleaner for 20 min. (Ultrasonic Cleaner Lab Safety Model 32V118¹⁵ has been found suitable).
- b) Repeat 6.14.1.1 through 6.14.1.5 above. If a cleaned injector's spray pattern still is a straight stream or dribbles, discard the injector.

¹⁵ Lab Safety Model 32V118 ultrasonic cleaner can be purchased from Grainger Catalog www.grainger.com or any local Grainger outlet.

Renumber existing Footnotes 15 through 31 as 16 through 32