



Test Monitoring Center

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Sequence VH Information Letter 25-1
Sequence Number 11
May 1, 2025

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 V Surveillance Panel

SUBJECT: Additional setting for Surface Finish Analyzer

During the January 23, 2024, Sequence V Surveillance Panel conference call, the panel agreed to include additional settings for the SJ-410 Surface Finish Analyzer and to reference the GM procedure for the GMOD test. A new table 2 and new footnote 23 have been included, as well as a reference to new Table 2 in section 7.8.4.1 (6).

These changes are effective with the issuance of this letter.

/s/ M.D. Deegan

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Attachment

c: https://www.astmtmc.org/ftp/docs/gas/sequencev/procedure_and_ils/Sequence%20VH/il25-1-vh.pdf

Distribution: Email

Revises D8256-24a as amended by Information Letter 24-4

7.8.4.1 Honing:

(6) Perform surface finish measurements using a Mitutoyo SJ-410 Surface Analyzer²² with 1 µm stylus. Use the settings shown in table along with a modified GMOD, GM Worldwide Engineering Standard GMW17043²³ mounting bracket to properly align the measuring device. Take surface measurements approximately 30mm from the top of the cylinder wall (head gasket mating surface). Details for analyzer set up and mounting are shown in Appendix A17.

Table 2 Mitutoyo Analyzer Settings	
Unit of Measure	µin
Standard	ISO1997
Profile	R
Filter	Guassian
λc	0.03 in
λs	100 µin
M-Speed	0.02 in/sec
N	5
Pre/Post	ON
Del. Wave	OFF
Prof. Comp	OFF
Mean Line	OFF

Renumber existing Tables 2 -7 as 3-8

New footnote 23

²³ GM17043 is available from Global Spec, [GMW17043 - General Motors Oxidation and Deposit Test Procedure | GlobalSpec](#)

Renumber existing footnote 23-25 as 24 – 26.