



## Test Monitoring Center

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Sequence VH Information Letter 19-1  
Sequence No. 1  
December 10, 2019

***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 VH Mailing List

SUBJECT: 1. Revision Rater Calibration Requirements  
2. Correction to Figure A14.2

1. During the December 3, 2019 Sequence V Surveillance Panel conference call, the panel agreed to revise the rating requirements for raters to obtain qualifications to rate Sequence V parts. Section 13.1.5 has been revised to include sludge and reference new section 13.1.9. Section 13.1.6 has been revised to apply to only varnish. Section 13.1.7 has been revised to decrease the number of varnish parts to 16 and to include a minimum of 9 sludge parts. Section 13.1.8 has been revised to apply to varnish only. Section 13.1.9 has been added to detail actions to be taken when a rater does not meet the qualification criteria for sludge. These changes to rater qualification criteria are effective May 13, 2020
2. During the December 3, 2019 Conference call, the panel was also made aware that the rating work sheet for the right rocker cover did not have the correct locations for the rating sights. This corrected rating worksheet, Figure A14.2, is attached. This change is effective December 3, 2019.

Attached are the revised sections of D8256 with the changes highlighted in red.

Ron Romano  
FCSD, Service Product Development, SEO  
Ford Motor Company

Frank M. Farber  
Director  
ASTM Test Monitoring Center

Attachment

c: [http://www.astmtmc.cmu.edu/ftp/docs/gas/sequencev/procedure\\_and\\_ils/Sequence%20VH/il19-001-vh.pdf](http://www.astmtmc.cmu.edu/ftp/docs/gas/sequencev/procedure_and_ils/Sequence%20VH/il19-001-vh.pdf)

Distribution: Email

(Revises Test Method D8256-19)

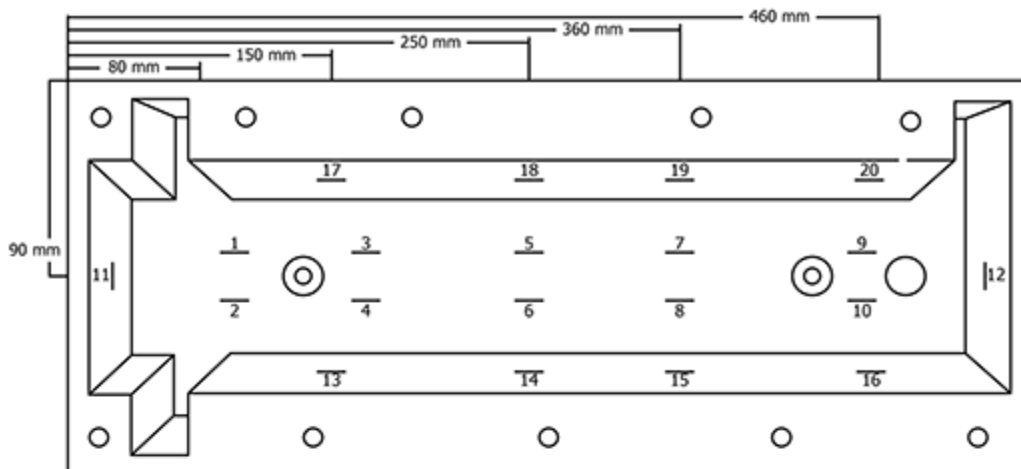
13.1.5 All raters of Sequence VH engine parts shall attend an ASTM Light Duty Deposit Rating Workshop every 12 months  $\pm$  30 days and produce data that meet the ASTM definitions of Blue, Red, or White for varnish and sludge. If a rater is unable to meet the requirements, the rater can continue to rate Sequence VH parts during a grace period of 45 days after the completion of the workshop and can follow the procedure described in 13.1.6 or 13.1.9 to generate varnish and sludge data respectively that meet the ASTM definitions of Blue, Red, or White.

13.1.6 A rater who is unable to meet the requirement in 13.1.5 for varnish can schedule a visit to the TMC to generate data on ASTM Light Duty Deposit Rating Workshop parts and receive an assessment of rating performance compared to data collected at recent workshops. Visits to the TMC will be scheduled based on availability of parts

13.1.7 The TMC selects a minimum of 24 16 parts from a collection of workshop parts for the rater to rate varnish and a minimum of nine sludge parts. The TMC provides rating booths and lights, but the rater is responsible for providing any necessary rating aids. The TMC analyzes the data and determine if the requirement in 13.1.5 has been met. If the requirement in 13.1.5 has not been met, any time remaining in the grace period of 45 days is forfeited.

13.1.8 A second attempt to generate varnish rating data at the TMC is permitted only after the rater receives training from an experienced industry rater. The experienced industry rater shall verify to the TMC, in writing, that the rater training has taken place. No more than two attempts are permitted between ASTM Light Duty Deposit Rating Workshops.

13.1.9 A rater who is unable to meet the requirement in 13.1.5 for sludge can schedule a visit to a laboratory other than his or hers that has a rater that has obtained a Blue, Red or White sludge rating at the last workshop and has Sequence V sludge hardware available for training as dictated by the hosting laboratory. At the conclusion of the training the rater will need to submit a referee rating comparing his or her ratings to the hosting lab's rater on Sequence V parts chosen by the host laboratory for TMC review. The TMC will use the last workshop standard deviations and host rater's results as targets to compute the color status. If the rater achieves Blue, Red or White status the rater is approved to rate Sequence V sludge parts. A second attempt to generate acceptable data can be scheduled at another lab if needed.



Rating sites on the top surface of the RAC are located 30 mm from the side. (No. 1 thru 10)  
 Rating sites on vertical surfaces are located 50 mm from the bottom of the cover.  
 Depth gauge should be oriented as indicated by (—) and dimensions shown.

DEPTH																					TOTAL	%	VOLUME				
SCALE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CHECKS	COVERED	FACTOR				
CLEAN																											
1/4 A																											
1/2 A																											
3/4 A																											
A																											
AB																											
B																											
BC																											
C																											
D																											
E																											
F																											
G																											
H																											
I																											
																								GRAND TOTAL	20	100	

SLUDGE MERIT RATING \_\_\_\_\_

FIG. A14.2 Sludge Rating of Right Rocker Cover