



## Test Monitoring Center

203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org  
412-365-1000

Sequence VH Information Letter 21-2  
Sequence Number 4  
September 9, 2021

***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: Correction to Section A16.3

Recently it was noted that Section A16.3 incorrectly referred to tests meeting individual  $Y_i$  values of  $\pm 1.8$ . The LTMS for this test method does not have  $Y_i$  limits, but refers to  $Z_i$  limits. The panel was notified of this error and recently approved this correction, replacing  $Y_i$  with  $Z_i$ , via electronic ballot.

These revised text and or section(s) have been highlighted in red and are effective with the issuance of this letter.

*M. D. Deegan*

Michael Deegan  
FCSD, Service Product Development, SEO  
Ford Motor Company

Frank M. Farber  
Director  
ASTM Test Monitoring Center

Attachment

c: [http://www.astmtmc.org/ftp/docs/gas/sequencevh/procedure\\_and\\_ils/VH/il21-002-vh.pdf](http://www.astmtmc.org/ftp/docs/gas/sequencevh/procedure_and_ils/VH/il21-002-vh.pdf)

Distribution: Email

## Revises D8256-21 as Amended by Information Letter 21-1

**A16.3** At the completion of prove-out testing, chart the tests and determine the prediction error from the exponentially weighted moving average ( $E_i$ ) and ~~shewhart values ( $Y_i$ )~~ **severity exponentially weighted moving average ( $Z_i$ )** in accordance with the LTMS control chart guidelines (available from TMC website, [www.astmtmc.org](http://www.astmtmc.org)). For an alternate fuel to be considered, the charted results shall have individual  ~~$Y_i$~~   **$Z_i$**  values on all four charted parameters (AES, AEV50, APV50 and ln(10-RAC) ) within  $\pm 1.8$ . The  $E_i$  results will also fall within the Level 2  $E_i$  limits given in the LTMS document.