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Addendum 1

Section 2: The following reference shall be added:

ISO 6892-1*, Metallic materials — Tensile testing — Part 1: Method of test at room temperature*

Section 7.4.8.2: The reference to SAE AS568B shall be replaced with:

SAE AS568

Section 7.4.9.1 d): The following note shall be added:

NOTE   For the purposes of this provision, ISO 6892-1 is equivalent to ASTM A370.

Annex A: The annex shall be removed and replaced with:

The information in this annex has been intentionally removed.

See API Specification Q1 (Annex A), or the API website for information pertaining to the API Monogram Program and use of the API Monogram on applicable products.

Table C.1: Group I, Open and Close Function tests for F2 shall be updated to:

I.2, I.3.2

Table C.1: Group I, Open and Close Function tests for F1 and F0 shall be updated to:

I.2, I.3.3

Table C.1: Group IV, Back-check tests for V0 shall be updated to:

H.2.5

Table C.1: Group IV, Port/seat leakage rate tests for F3, F2 and F1 shall be updated to:

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Section F.6.2.4: The section shall be updated to:

The maximum effective travel shall be within ± 10 % of the maximum effective travel established during the design validation test procedure.

Section F.7.2.4: The section shall be updated to:

The calculated load rate of each device shall be within ± 10 % of the average load rate established. If any device of the 5% sample fails, perform additional testing in accordance with 7.8.5.

Section F.8.2: The second paragraph shall be replaced with:

All FCD functional testing shall be performed with a single opening pressure used during validation.

Figure G.1: Key item 2 shall be updated to:

Standard FCD

Section G.6.5: The formula in the first sentence shall be updated to:

$$F_Y \times C_V = 0.667 C_V$$

Section G.6.5: Equation (G.8) shall be updated to:

$$R_{p,crt} = \frac{\left[0.667 \left(F_Y \times C_V \right) - C_V \right]}{m_{bfl}}$$

Section H.2.4.2 d): The item shall be replaced with:

Conduct a back-check erosion test as defined in Clause K.3 on one flow-control device.

Section H.3.1.1 b): The item shall be revised to:

b) A gas back-check leak test in accordance with Clause H.6 shall be conducted.

Section I.4.1 a): The reference to F.7 shall be updated to:

F.8.2

Section K.3.2.1 c): The second sentence shall be revised to:

If any device fails to move as required, the test fails.

Section K.4.1: The first paragraph, last sentence shall be revised to:

This test shall be conducted on one or more of the flow-control devices that passed the flow-control device port leak test following Steps a) through d).