

of **ITIS B.V.**

This annex is valid from: **06-10-2021** to **01-12-2024**

Replaces annex dated: **19-11-2020**

Location(s) where activities are performed under accreditation

Head Office

Columbusweg 64
 4462 HB
 Goes
 Nederland

| Location | Abbreviation/ location code |
|--|-----------------------------|
| Columbusweg 64 4462 HB Goes Nederland | G |
| On site | OS |

| No. | Material or product | Type of activity ¹ | Internal reference number | Location |
|------------------------------|--------------------------------------|--|--|----------|
| Sampling pretreatment | | | | |
| a. | Valves for liquid or gas application | Sample pretreatment used for testing at high temperature | TST-ACC-00-04-S001 TST-ACC-00-05-S001 ISO 15848-1, ISO/DIS 23632, Shell SPE 77/300, API 6A, API 622, API 624, API 641, TA-Luft/VDI2440 | G |
| b. | Valves for liquid or gas application | Sample pretreatment used for testing at high temperature with flames | TST-ACC-00-03-S001 ISO 10497, API 6FA, API 607 | G |
| c. | Valves for liquid or gas application | Sample pretreatment used for testing after cooling down with water | TST-ACC-00-01-S001 ISO 10497, API 607, API 6FA | G |

This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on [RvA-BR010-lijst](#).
 If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

Annex to declaration of accreditation (scope of accreditation)

Normative document: EN ISO/IEC 17025:2017

Registration number: **L 656**of **ITIS B.V.**This annex is valid from: **06-10-2021 to 01-12-2024**Replaces annex dated: **19-11-2020**

| No. | Material or product | Type of activity ¹ | Internal reference number | Location |
|-----|--------------------------------------|--|--|----------|
| d. | Valves for liquid or gas application | Sample pretreatment used for testing at low temperature with liquid nitrogen | TST-ACC-00-02-S001 SPE 77/200, SPE 77/300, ISO 28921-1 ISO 28921-2, ISO 15848-1, BS 6364, API 6A, TA-Luft/VDI2440 | G |
| e. | Valves for liquid or gas application | Sample pretreatment used for testing at pressure with gas | TST-ACC-00-06-S001 SPE 77/200, SPE 77/312, SPE 77/300, ISO 5208, ISO 15848-1, ISO 15848-2, ISO 28921-1, ISO 28921-2, BS 6364, TA-Luft (VDI 2440), API 6A, API 598, API 6D, API 622, API 624, API 641, EN 12266 | G |
| f. | Valves for liquid or gas application | Sample pretreatment used for testing at pressure with liquid | TST-ACC-00-07-S001 ISO 5208, ISO 10497, API 598, API 6A, API 6D, API 607, API 6FA, EN 12266 | G |

Testing

| | | | | |
|----|---|--|---|---|
| 1. | Handwheel/ lever of a valve for liquid or gas application | Determination of a torque value with a torque wrench or torque sensor | TST-ACC-02-S001 ISO 10497, ISO 15848-1, ISO/DIS 23632, ISO 28921-1, ISO 28921-2 BS 6364, API 6A, 6D, 624, 641, Shell SPE 77/200, 77/312 & 77/300 | G |
| 2. | Valves for liquid or gas application | Determination of a water amount with measuring cylinders | TST-ACC-04-01-S002 ISO 10497, API 607, API 6FA | G |
| 3. | Equipment/devices /objects for gas flow control | Determination of a helium concentration at the surface of a test object, test object at overpressure; helium leak detector | TST-ACC-05-01-S001 ISO 15848-1, ISO 15848-2, ISO 28921-1, ISO 28921-2 | G |
| 4. | Equipment/devices /objects for gas flow control | Determination of a helium leak rate due to a concentration raise in a volume; helium leak detector | TST-ACC-05-01-S001 ISO 15848-1, ISO 20485 technique B3, EN1779 technique B3, ISO 28921-1 & ISO 28921-2, TA-Luft/VDI2440, ASTM E499/499M Standard Practice method B, Shell SPE 77/200, 77/312, 77/300 | G |
| 5. | Equipment/devices /objects for gas flow control | Determination of a leak rate with direct sniffing, test object at overpressure; helium leak detector | TST-ACC-06-S001 ISO 28921-1, ISO 28921-2, ASTM E499/499M Standard Practice method A, Shell SPE 77/312, 77/200, 77/300 | G |

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| 6. | Equipment/devices /objects for gas flow control | Determination of a helium leak rate in a vacuum, test object at overpressure; helium leak detector | TST-ACC-06-S002 ISO 15848-1 vacuum method, ISO 20485, technique B6, EN 1779, technique B6, TA-Luft/VDI2440, ISO 28921-1, ISO 28921-2, Shell SPE 77/312, 77/200, 77/300 | G |
| 7. | Pressure/vacuum relief devices (PVRV) | Determination of set pressure | TST-TT-01-WI001 PGS 29:2020 API RP 576 | G, OS |
| 8. | Emergency Relief Valves (ERV) | Determination of set pressure | TST-TT-01-WI004 PGS 29:2020 | G, OS |
| 9. | Pressure/vacuum relief device (PVRV) | Determination of set pressure; flow method on test stand | TST-TT-01-WI005 API RP 2000 API RP 576 | G |