

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **K 044**

of **SGS Nederland B.V.**
Measurement and Instrumentation Department

This annex is valid from: **22-03-2023** to **01-05-2026**

Replaces annex dated: **17-03-2022**

Location(s) where activities are performed under accreditation

Head Office

Malledijk 18
3208 LA
Spijkenisse
The Netherlands

Location	Abbreviation/ location code
Malledijk 18 3208 LA Spijkenisse The Netherlands	SPI
On-site at customer	OS

HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
VL 1 0	Volume of flowing liquid				
	Flow meters	12 m ³ /h – 1200 m ³ /h	5·10 ⁻⁴ ·V	Water and hydrocarbons; using prover loop	OS
		0.4 m ³ /h – 400 m ³ /h	5·10 ⁻⁴ ·V	Water and hydrocarbons; using compact prover	OS
		0.1 m ³ /h – 150 m ³ /h	5·10 ⁻⁴ ·V	Water and hydrocarbons; using prover tank	OS

¹ Calibration and Measurement Capability (CMC): Demonstrated measurement uncertainty, with coverage probability of 95%, in a given measurement point or measurement range. Measurement uncertainty, *U*, is calculated according to EA-4/02 "Evaluation of the Uncertainty of Measurement in Calibration".

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

J.A.W.M. de Haas

of **SGS Nederland B.V.**
Measurement and Instrumentation Department

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HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
V L 1 0	Flow meters	0.9 m ³ /h – 180 m ³ /h	5·10 ⁻⁴ ·V	Water and hydrocarbons with the exception of gasoline; using master meter	OS
		0.1 m ³ /h – 150 m ³ /h	5·10 ⁻⁴ ·V	Gas oil (diesel); using prover loop (prover loop or compact prover), prover tank or master meter	SPI
		7.2 m ³ /h – 150 m ³ /h	8·10 ⁻⁴ ·V	Gasoline; using master meter	OS
		1.2·10 ⁴ kg/h – 1.2·10 ⁶ kg/h	7·10 ⁻⁴ ·M	Water and hydrocarbons; using prover loop; product density measured in external laboratory	OS
		400 kg/h – 400·10 ³ kg/h	8·10 ⁻⁴ ·M	Water and hydrocarbons using compact prover with online density measurement	OS
		738 kg/h – 124875 kg/h	7·10 ⁻⁴ ·M	Gas oil (diesel); using prover loop, compact prover or master meter; density measured in external laboratory or with online density measurement on the compact prover	SPI
DV 1 0	Density and viscosity				
DV 1 1	Mass, volume and density of gases and liquids				
DV 1 1	I Calibration vessels, flasks, provers	10 L – 1000 L	2·10 ⁻⁴ ·V	Water and hydrocarbons; gravimetric method;	SPI, OS
	Prover loops and compact provers	10 L – 25000 L	4·10 ⁻⁴ ·V	Water and hydrocarbons; waterdraw or master meter method	SPI, OS

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	Prover tanks by liquid method	10 L – 25000 L	$4 \cdot 10^{-4} \cdot V$	Water and hydrocarbons; waterdraw or master meter method	SPI, OS
TE 0 0	Temperature				
TE 1 0	Resistance thermometers	-20 °C – 150 °C	0.10 °C		SPI
TE 4 1	Self-displaying thermometers	-20 °C – 150 °C	0.08 °C		SPI
		-20 °C – 150 °C	0.21 °C		OS
TE 4 2	Liquid-in-glass thermometers	-20 °C – 150 °C	0.08 °C		SPI