

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17025:2017  
 Registration number: **K 167**

of **Fugro Netherlands Marine B.V.**  
**Transducer Workshop**

This annex is valid from: **17-10-2024** to **01-11-2028**

Replaces annex dated: **18-03-2021**

**Location(s) where activities are performed under accreditation**

**Head Office**

Prismastraat 4  
 2631 RT  
 Nootdorp  
 The Netherlands

Location	Abbreviation/ location code
Prismastraat 4 2631 RT Nootdorp The Netherlands	NO

HCS code	Measured quantity, Instrument, Measure	Range	CMC <sup>1</sup>	Remarks	Location
FQ 0 0	Force				
	Force, Load cell in Digital Fugro Cone Penetrometers	(0 – 80) kN	$15 \text{ N} + 3 \cdot 10^{-3} \cdot F$	By comparison with load cell	NO
PV 0 0	Pressure and vacuum				
PV 2 0	Load cell in Digital Fugro Cone Penetrometers	(0.0 – 40) MPa	$2 \text{ kPa} + 0.5 \cdot 10^{-3} \cdot p_e$	By comparison with pressure indicators	NO
	Load cell in Digital Fugro Cone Penetrometers	(0.0 – 1,5) MPa	$1 \text{ kPa} + 0.3 \cdot 10^{-3} \cdot p_e$		NO
	Over atmospheric pressure	(0.3 – 70,0) MPa	$0.2 \text{ kPa} + 0.3 \cdot 10^{-3} \cdot p_e$	By pressure balance	NO

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

J.A.W.M. de Haas

<sup>1</sup> 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".

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HCS code	Measured quantity, Instrument, Measure	Range	CMC <sup>1</sup>	Remarks	Location
DM 0 0	Dimensional quantities				
DM 12 0	Inclinometer in Digital Fugro Cone Penetrometers	-10 ° to +15 °	0.6 °	Deviation relative to vertical	NO

Remark:

$p_e = p - p_{amb}$  :  $p_e$  = over atmospheric pressure,  $p_{amb}$  = ambient pressure