

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **K 176**

of **A.P. van den Berg Ingenieursburo B.V.**

This annex is valid from: **21-12-2023** to **01-02-2028**

Replaces annex dated: **25-10-2023**

Location(s) where activities are performed under accreditation

Head Office

Komeet 34
 8448 CG
 Heerenveen
 The Netherlands

Location	Abbreviation/ location code
Komeet 34 8448 CG Heerenveen The Netherlands	H

HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
FQ 0 0	Force				H
	Force transducer in Icone (<i>F</i>)	(0 – 20) kN	$6,3 \text{ N} + 1,5 \cdot 10^{-3} \cdot F$	<i>F</i> in N	
	Force transducer in Icone (<i>F</i>)	(0 – 120) kN	$7,5 \text{ N} + 1,7 \cdot 10^{-3} \cdot F$	<i>F</i> in N	
	Force transducer in Measuring head or Total load (<i>F</i>)	(0 – 200) kN	$9,5 \text{ N} + 2,3 \cdot 10^{-3} \cdot F$	<i>F</i> in N	
	Cone resistance (<i>q_c</i>)	(0 – 150) MPa	$7,5 \text{ kPa} + 2,2 \cdot 10^{-3} \cdot q_c$	<i>q_c</i> in kPa	
	Sleeve friction (<i>f_s</i>)	(0 – 3) MPa	$0,41 \text{ kPa} + 2,1 \cdot 10^{-3} \cdot f_s$	<i>f_s</i> in kPa	

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

J.A.W.M. de Haas

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".

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HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
PV 0 0	Pressure and vacuum				H
PV 2 0	Pressure transducer in Icone (p)	(0 – 2) MPa	$2,7 \text{ kPa} + 9,1 \cdot 10^{-4} \cdot p$	p in kPa	
	Pressure transducer in Icone (p)	(0 – 10) MPa	$10,2 \text{ kPa} + 1,2 \cdot 10^{-3} \cdot p$	p in kPa	
	Pressure transducer in Icone (p)	(0 – 20) MPa	$30,1 \text{ kPa} + 4,5 \cdot 10^{-4} \cdot p$	p in kPa	
DM 0 0	Dimensional quantities				H
DM 12 0	Clinometer in Icone	-30° to +30°	0,34°		