Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 208**

of **Materiaal Meting Testgroep B.V.**
Laboratory

This annex is valid from: **12-04-2023** to **01-04-2024** Replaces annex dated: **29-03-2023**

Location(s) where activities are performed under accreditation

Head Office

Rietdekkerstraat 16
2984 BM
Ridderkerk
Nederland

No.	Material or product	Type of activity[1]	Internal reference number	Location
1.	Metals	Tensile test at room temperature (23±5˚C) max. 1000 kN (hydraulic)	ML 00101 ASTM A370 NEN-EN-ISO 6892-1	Ri
2.	Metals, plastics and elastomers	Tensile test at room temperature (23±5˚C) max. 250 kN (electro mechanical)	ML 00102 NEN-EN-ISO 6892-1 and ASTM A370	
3.	Metals and constructions	Tensile test at elevated temperatures till 600˚C, max. 250 kN (electro mechanical)	ML 00103 NEN-EN-ISO 6892-2 and ASTM E21	
4.	Metals and constructions	Tensile test on bolted connections using 1000 kN hydraulic bending / tensile testing machine	ML 00104 NEN-EN-ISO 898-1 and NEN-EN-ISO 898-2	Ri Ri
5.		Impact tests	ML 00121 NEN-EN-ISO 148-1	
6.		Impact tests	ML 00122 ASTM E23 and ASTM A370	

[1] If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the 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.

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

J.A.W.M. de Haas

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No.	Material or product	Type of activity[1]	Internal reference number	Location
7.		Hardness testing, according to Brinell	ML 00130 ISO 6506-1 and ISO 6506-4	
8.		Hardness testing, according to Vickers	ML 00131 ISO 6507-1 and ISO 6507-4	
9.		Hardness testing, according to Rockwell (B+C)	ML 00132 ISO 6508-1	
10.		Hardness testing, according to Micro Vickers	ML 00134 ISO 6507-1, ISO 6507-4 and ASTM E384	
11.		Deformation test: Bending test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00141 NEN-EN-ISO 7438 and NEN-EN-ISO 5173	
12.		Deformation test: Bending test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00142 ISO 8491	
13.		Deformation test: Fracture test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00154 ISO 9017, AWS, ASME IX	
14.		Deformation test: Flattening test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00143 NEN-EN-ISO 8492 and A370	
15.		Deformation test: Flaring test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00144 NEN-EN-ISO 8493	
16.		Deformation test: Flanging test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00145 NEN-EN-ISO 8494	

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No.	Material or product	Type of activity[1]	Internal reference number	Location
17.	Metals and constructions	Deformation test: Ring expanding test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00146 NEN-EN-ISO 8495	
18.		Deformation test: Ring tensile test using 1000 kN hydraulic bending / tensile testing machine	ML 00147 NEN-EN-ISO 8496	
19.	Metal products and constructions	Heat treatments	ML 00170 in house method ISO 642 and ASTM A255	
20.	Metals and alloys	Composition analyses by optical emission spectrometry	ML 00260 E in house method	
21.	Stainless steel	Corrosion test: Determination of the resistance to intergranular corrosion (Huey-test)	ML 00220 ASTM A262 Practice C	
22.		Corrosion test: Determination of the resistance to intergranular corrosion (Strauss test)	ML 00221 DIN-EN- ISO 3651-2, Method A and ASTM A262 Practice E	
		Corrosion test: Detecting detrimental intermetallic phase in duplex.		
23.		Corrosion test: Determination of the resistance to pitting corrosion	ML 00223 ASTM G48 Method A	
24.		Corrosion test: Detecting Detrimental Intermetallic Phase in Duplex	ML 00227 ASTM A923 Practice C	
25.		Corrosion test: Determination of the free-iron content by ferroxyl test	ML 34101 E ASTM A380	
26.		Metallographic examination: Determination of the ferrite (delta-ferrite) content	ML 00302 E in house method ASTM E562	

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No.	Material or product	Type of activity[1]	Internal reference number	Location
27.	Metal products	Metallographic examination	ML 00300 ASTM A247, E3, E112, E340, E407, E883, ASTM E381, ASTM A923 Method A, ASTM A262 Practice A NEN-EN-ISO 643, ISO 945-1	
28.	Metal products and constructions	Failure investigation including opinions and interpretations, using the testing methods specified in this list	ML 00303 in house method	
		On-site activities		
29.	Metals and alloys	Composition analyses by mobile optical emission spectrometry	ML 22000 E in house method	OpLo
30.		Composition analyses by mobile X-ray fluorescence measurements (X.R.F.)	ML 21000 E in house method	
31.		Hardness testing, according to Brinell	ML 00130 (see action 7) ISO 6506-1 and ISO 6506-4	
32.		Determination of the ferrite (delta-ferrite) content using mobile testers	ML 23000 E In house method and NEN-EN-ISO 8249	
		Opinions and Interpretations		
33.	Metal products and constructions	Metallographic failure analysis including opinions and interpretations, using the testing methods specified in this list	ML 00303 in house method	RI, OpLo