

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

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

This annex is valid from: **03-06-2020** to **01-04-2024**

Replaces annex dated: **16-04-2020**

Location(s) where activities are performed under accreditation

Head Office

Rietdekkerstraat 16
 2984 BM
 Ridderkerk
 The Netherlands

Location	Abbreviation/ location code
Rietdekkerstraat 16 2984 BM Ridderkerk The Netherlands	Ri
On site	On

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 A730 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

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 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.

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No.	Material or product	Type of activity ¹	Internal reference number	Location		
5		Impact tests	ML 00121 NEN-EN-ISO 148-1			
6		Impact tests	ML 00122 ASTM E23 and ASTM A370			
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		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		Bending test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00142 ISO 8491			
13		Flattening test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00143 NEN-EN-ISO 8492 and ASTM A530			
14		Flaring test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00144 NEN-EN-ISO 8493			
15		Flanging test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine	ML 00145 NEN-EN-ISO 8494			
16		Metals and constructions	Ring expanding test using 1000 kN hydraulic bending / tensile testing machine or 130 kN bending machine		ML 00146 NEN-EN-ISO 8495	Ri
17			Ring tensile test using 1000 kN hydraulic bending / tensile testing machine		ML 00147 NEN-EN-ISO 8496	

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No.	Material or product	Type of activity ¹	Internal reference number	Location
18	Metal products and constructions	Heat treatments	ML 00170 in house method ISO 642 and ASTM A255	
19	Metals and alloys	Determination of content of elements by optical emission spectrometry	ML 00260 E in house method	
20	Stainless steel	Determination of the resistance to intergranular corrosion (Huey-test)	ML 00220 ASTM A262 Practice C	
21		Determination of the resistance to intergranular corrosion (Strauss test)	ML 00221 DIN-EN- ISO 3651-2, Method A and ASTM A262 Practice E	
22		Determination of the resistance to pitting corrosion	ML 00223 ASTM G48 Method A	
23		Determination of the free-iron content by ferroxyl test	ML 34101 E ASTM A380	
24		Determination of the ferrite (delta-ferrite) content	ML 00302 E in house method ASTM E562	
25	Metal products	Metallographic research	ML 00300 ASTM A247, E3, E112, E340, E407, E883, DIN 50602, ASTM E45, ASTM E381, ASTM E1180, ASTM A923 Method A, ASTM A262 Practice A NEN-EN-ISO 643, ISO 4967, ISO 4968, NF A 04 106	
26	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

27	Metals and alloys	Determination of the composition by mobile optical emission spectrometry	ML 22000 E in house method	On
28		Determination of the composition (element analysis) by X-ray fluorescence measurements (X.R.F.)	ML 21000 E in house method	

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29		Hardness testing, according to Brinell	ML 00130 (see action 7) ISO 6506-1 and ISO 6506-4	
30		Determination of the ferrite (delta-ferrite) content using mobile testers	ML 23000 E In house method NEN-EN-ISO 17655 and NEN-EN-ISO 8249	
31	Metal products and constructions	Metallographic failure analysis including opinions and interpretations, using the testing methods specified in this list	ML 00303 (see action 26) in house method	