

Annex to declaration of accreditation (scope of accreditation)
 Normative document: : 17020:2010
 Registration number: **I 049, type A**

of **KEMA B.V.**
Inspection Service

This annex is valid from: **01-05-2020 to 01-04-2022**

Replaces annex dated: **28-08-2019**

Location(s) where activities are performed under accreditation

Head Office

Klingelbeekseweg 195 - Building no. R10
 6812 DE
 Arnhem
 The Netherlands

Location	Abbreviation/ location code
Klingelbeekseweg 195 - Building no. R42 6812 DE Arnhem The Netherlands	ARN

No.	Field of inspection	Type and range of inspection	Methods & procedures ¹	Location
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Rotating electrical machines, Transformers, Capacitors, Reactors

1	Rotating electrical machines	Inspection by witnessing of tests execution Evaluate the results obtained by these tests	IEC 60034-1, 3, 5, 6, 7, 8, 9, 14, 15, 19, 22, 28, 29, IEC/TS 60034-32, IEC 60034-2- 1, 2, IEC/TS 60034-2-3 IEC 60034-4-1 IEC 60034-18-1, 21, 31, 32, 34, 41, 42 IEC/TS 60034-18-33, IEC 60034-27-1, 3, 4 IEC/TS 60034-27-2	ARN
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This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas
 Director of Operations

If there is no reference to a code and no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document.
¹ If there is a referral to a code starting with NAW, NAP, EA of IAF, this constitutes a scheme to which RvA-BR012 applies. The accepted version is mentioned on the list of schemes for which accreditation can be granted by the RvA, as meant in RvA-BR010.

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2	Electric traction - Rotating electrical machines for rail and road vehicles	Inspection by witnessing of tests execution Evaluate the results obtained by these tests	IEC 60349-1, 2, IEC/TS 60349-3 IEC 60349-4	ARN
3	Power transformers		IEC 60076	ARN
4	Current transformers		IEC 61869 – 2,4,9	ARN
5	Voltage transformers		IEC 61869 – 3,4,7,9 IEC 60044-7	ARN
6	Capacitors		IEC 60358 IEC 60831-1/-2 IEC 60871-1/-2	ARN
7	Reactors		IEC 60076-6	ARN

Switchgear

8	Metal-enclosed AC switchgear 1-52 kV resp. ≥ 52 kV	Inspection by witnessing of tests execution Evaluate the results obtained by these tests	IEC 62271-200 IEC 62271-103	ARN
9	Insulation-enclosed AC switchgear		IEC 62271-201	ARN
10	Gas insulated metal-enclosed AC switchgear (GIS)		IEC 62271-203	ARN
11	High Voltage AC circuit breakers		IEC 62271-100	ARN
12	High-voltage AC disconnectors and earthing switches		IEC 62271-102	ARN

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13	High Voltage AC switches	Inspection by witnessing of tests execution	IEC 62271-104	ARN
14	High Voltage AC switch-fuse combinations and high-voltage AC fuses	Evaluate the results obtained by these tests	IEC 62271-105	ARN

Insulators, Arresters

15	Insulators and insulated bushings	Inspection by witnessing of tests execution Evaluate the results obtained by these tests	IEC 60137 IEC 60168 IEC 60383 –1,2 IEC 60507 IEC 60660 IEC 61109 IEC 60815 ANSI C29.1, -6, -7, -12 NSI/NEMA C29.2, -13 CAN/CSA C411.1-M89	ARN
16	Surge arresters		IEC 60099 – 3,4,5,6,7 IEEE Std C62.11	ARN

Cables

17	Cables	Inspection by witnessing of tests execution Evaluate the results obtained by these tests	IEC 60055 –1,2 IEC 60141-1 IEC 60502 –1,2,4 IEC 60840 NEN-HD 620 NEN 3172 BS 6622 HD 620 S2 NEN 3616 NEN 3619 NEN-HD 632 IEC 62067 CSA C49 NF C34-125 IEC 61089	ARN
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18	Cable accessories	Inspection by witnessing of tests execution Evaluate the results obtained by these tests	IEC 60055 –1,2 IEC 60502 –1,2,4 VDE 278 IEC 60840 IEC 62067 IEEE Std 404 IEEE Std 48 IEC 62271-209	ARN

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**Directive 2014/32/EU
Measuring instruments**

The accreditation for the specified activities is suitable for notification

19	Active electrical energy meters	EU-type examination (module B)	Annex II, module B Annex V, MI-003	ARN
20	Active electrical energy meters	Conformity to type based on product verification(module F)	Annex II, module F Annex V, MI-003	ARN

**Metrologiewet artikel 7, Besluit meetinstrumenten en marktdeelnemers artikel 11 & 14
Besluit aangewezen instanties en interne instanties Metrologiewet**

The accreditation for the specified activities is suitable for notification

21	Kilowattuurmeters	Keuring na ingebruikname	Besluit meetinstrumenten en marktdeelnemers, artikel 5 Regeling gebruik en installatie EU meetinstrumenten, artikel 7 & 8	ARN
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