Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 015**

of **Kiwa Nederland B.V.**
Kiwa FSS Testing

This annex is valid from: **10-04-2026** to **01-09-2028** Replaces annex dated: **29-01-2026**

Location(s) where activities are performed under accreditation

Head Office

Sir Winston Churchill-laan 273
2288 EA
Rijswijk
The Netherlands

Location	Abbreviation/ location code
Sir Winston Churchill-laan 273 2288 EA Rijswijk The Netherlands	RIJ
Wilmersdorf 50 7327 AC Apeldoorn The Netherlands	AP
Dwarsweg 10 5301 KT Zaltbommel The Netherlands	ZA
Room 209, No. 46, Nanxiang 3rd Road Luogang District, Guangzhou 510663 China	GZ
Via Cadriano 23 40057 Granarolo dell'Emilia BO Bologna Italy	BO

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
		Polymer materials and products		
1.	Polymer materials and products	Tensile and force testing	A-C02 EN-ISO 6259-1 EN-ISO 6259-2 EN-ISO 6259-3	AP
			EN-ISO 6259-1 EN-ISO 6259-2 EN-ISO 6259-3	BO
2.	Polymer materials and products	Mass measurements	A-C04 DVGW GW335-A2 DVGW GW335-B2 DVGW W534 DVGW W542 DVGW W544 ISO 10147 EN-ISO 1133-1 ISO 2781	AP
			DVGW W542 DVGW W544 EN-ISO 1133-1 ISO 10147	BO
3.	Polymer materials and products	Visual assessments (Assessment of surface condition before and/or after testing (e.g. cracks, delamination, blisters etc.))	A-C06 DIN 53357 DVGW GW335-A1 DVGW GW335-A2 DVGW GW335-B2 DVGW W534 DVGW W542 DVGW W544 ISO 10147 EN-ISO 580 EN-ISO 9852	AP
			DVGW GW335-A1 DVGW W542 DVGW W544 ISO 10147 EN-ISO 580	BO

[1] If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on 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
4.	Polymer materials and products	Displacement testing	A-C07 ISO 2507-1 ISO 2507-2 ISO 2507-3 NEN-EN-ISO 306	AP
			ISO 2507-1 ISO 2507-2 ISO 2507-3 NEN-EN-ISO 306	BO
5.	Polymer materials and products	Calorimetric measurements	A-C08 NEN-EN 728 ISO 11357-3 ISO 11357-6	AP
6.			ISO 11357-1 ISO 11357-3 ISO 11357-6	BO
7.	Polymer materials and products	Calculation methods	A-C09 NEN-EN-ISO 9080 ISO 2578	AP
8.	Polymer materials and products	Concentration measurements	A-C10 DVGW GW335-A2 DVGW GW335-B2 DVGW W534 DVGW W544	AP
		Pipes & Fittings		
9.	Pipes & Fittings	Pressure testing	B-C01 ISO 1167-1 ISO 1167-2 ISO 1167-3 ISO 1167-4 ISO 13479	AP
			ISO 1167-1 ISO 1167-2 ISO 1167-3 ISO 1167-4	BO

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No.	Material or product	Type of activity[1]	Internal reference number	Location
10.	Pipes & Fittings	Tensile and force testing	B-C02 DIN 53357 DIN 55543-5 EN 921 ISO 17454 ISO 6259-1 ISO 6259-2 ISO 6259-3 EN ISO 9969	AP
			ISO 6259-1 ISO 6259-2 ISO 6259-3 ISO 17454 EN ISO 9969	BO
11.	Pipes & Fittings	Dimensional measurements	B-C03 DVGW W 542 EN-ISO 2505 EN-ISO 3126	AP
			EN-ISO 2505 EN-ISO 3126 DVGW W 542	BO
12.	Pipes & Fittings	Leak tightness testing	B-C05 NEN-EN 12293 EN 921 ISO 1167-1 ISO 1167-2 ISO 1167-3 ISO 1167-4	AP
13.			ISO 1167-1 ISO 1167-2 ISO 1167-3 ISO 1167-4	BO
14.	Pipes & Fittings	Visual assessments	B-C06 DVGW W 542 ISO 13955 EN-ISO 2505 EN-ISO 3126	AP
			EN-ISO 2505 EN-ISO 3126 DVGW W 542	BO

No.	Material or product	Type of activity[1]	Internal reference number	Location
15.	Pipes & Fittings	Displacement testing	B-C07 EN-ISO 2507-1 EN-ISO 9967	AP
			EN-ISO 2507-1	BO
16.	Pipes & Fittings	Calculation methods	B-C09 NEN-EN-ISO 9080	AP
17.	Pipes & Fittings	Temperature/heat measurements	B-C11 DVGW W 544	AP
18.	Pipes & Fittings	Impact testing	B-C12 EN 1411 EN 744 ISO 11173 EN-ISO 13477 ISO 3127 ISO 9854-1 ISO 9854-2	AP
		Piping systems / Jointings		
19.	Piping systems / Jointings	Pressure testing	C-C01 ISO 1167-1 ISO 1167-2 ISO 1167-3 ISO 1167-4	AP
			ISO 1167-1 ISO 1167-2 ISO 1167-3 ISO 1167-4	BO

No.	Material or product	Type of activity[1]	Internal reference number	Location
20.	Piping systems / Jointings	Tensile and force testing	C-C02 DVGW W 534 DVGW W 542 ISO 17454 EN-ISO 3501 WRAS test & acceptance criteria: 1314-1 1314-10 1314-11 1314-12 1314-13 1314-14 1314-15 1314-7 1314-8 1314-9	AP
			DVGW W 542 DVGW W 534 ISO 17454 EN-ISO 3501	BO
21.	Piping systems / Jointings	Dimensional measurements	C-C03 DVGW W 534 EN 10226 ISO 228-1 NEN-EN-ISO 2505 ISO 2578 EN-ISO 3126	AP
			NEN-EN-ISO 2505 EN-ISO 3126 DVGW W 534	BO

No.	Material or product	Type of activity[1]	Internal reference number	Location
22.	Piping systems / Jointings	Leaktightness testing	C-C05 DVGW W 534 NEN-EN 1055 EN 12293 EN 12294; 2000 EN 12295 EN 1254-20 EN-ISO 1167-1 EN-ISO 1167-2 EN-ISO 1167-3 EN-ISO 1167-4 ISO 13056 EN-ISO 13257 ISO 19892 EN-ISO 19893 EN-ISO 3501 EN-ISO 3503 WRAS test & acceptance criteria: 1212-10 1212-6	AP
			EN-ISO 1167-1 EN-ISO 1167-2 EN-ISO 1167-3 EN-ISO 1167-4 EN-ISO 3501 EN-ISO 3503 EN-ISO 13056 EN-ISO 13257 EN-ISO 19893 DVGW W 534	BO
		Rubber and Elastomers		
23.	Rubber and Elastomers	Tensile and force testing	D-C02 ISO 188 ISO 3384 ISO 34-1 ISO 34-2 ISO 37 ISO 48 ISO 815-1 ISO 815-2	AP
24.	Rubber and Elastomers	Rubber and Elastomers	D-C04 ISO 1817	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
25.	Rubber and Elastomers	Rubber and Elastomers	D-C06 ISO 1431-1	AP
		Sanitary tapware & shower items		
26.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO 9227	RIJ
			R01 ISO 9227	GZ
27.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 2212.3 2212.10 5011.1	RIJ
			R02 WRAS test & acceptance criteria: 5011.1	GZ
28.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1112.1 1111.5 1111.7 1111.12 1113.1 1212.4 1212.6 2212.9 2211.12211.2	RIJ
			R04 WRAS test & acceptance criteria: 1111.1 1111.5 1111.7 1111.12 1112.1 1113.1	GZ

No.	Material or product	Type of activity[1]	Internal reference number	Location
29.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of mechanical endurance using automatic or analog test rigs	R05 WRAS test & acceptance criteria: 1211.1 1211.2 1211.3 1211.7 1211.14 1211.21	RIJ
			R05 WRAS test & acceptance criteria: 1211.2 1211.3 1211.5 1211.14 1211.21 1211.1 2211.1 2211.2 2211.3	GZ
30.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of stability of mixing water temperature by using thermocouple, PT100 and/or datalogger	R06	RIJ
			R06	GZ
31.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07 WRAS test & acceptance criteria: 1315.1 1315.2 1315.4 1315.5 1315.6	RIJ
			R07 WRAS test & acceptance criteria 1315.1 1315.4	GZ
32.	Taps, showerheads, shower systems,	Determination of marking and/or operation by visual assessment	R08 WRAS test & acceptance criteria: 6001.1	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
	flowrate regulators, solenoid valves, etc.		R08 WRAS test & acceptance criteria: 6001.1	GZ
33.	Taps, showerheads, shower systems, flowrate regulators, solenoid valves, etc.	Determination of mass, volume or flow using volume meter, flow meter, scale or standardized volumes	R09	RIJ
			R09	GZ
		Toilet, Bathroom & Kitchen items		
34.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO 9227 WRAS test & acceptance criteria: 1411.3	RIJ
35.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 2212.3 2212.10 5011.1 5011.3 5011.5 5011.6 5011.7 5031.15031.3	RIJ
36.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of functional properties using analog or automatic test equipment	R03 WRAS test & acceptance criteria: 1512.10 1512.11 1512.12 1611.16 1612.1 3212.1 3212.2	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
37.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1111.2 1112.1 1112.7 2212.9 2212.20 1611.16 1612.1	RIJ
38.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of mechanical endurance using automatic or analog test rigs	R05 WRAS test & acceptance criteria: 1211.15 1212.4 1211.4	RIJ
39.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07 WRAS test & acceptance criteria: 1311.2 1311.3 1311.4 1312.6 1312.8 1313.1 1313.2 1313.4 1314.5	RIJ
40.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of marking and/or operation by visual assessment	R08	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
41.	Water closets, flushing devices & cisterns, Toilet bowls, Vacuum breakers, Bidets, Urinals, Wash basins & sinks, etc.	Determination of mass, volume or flow using volume meter, flow meter, scale or standardized volumes	R09 WRAS test & acceptance criteria: 1511.2	RIJ
		Connections		
42.	Threads, fittings and plastic piping systems & other connectors	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO 9227	RIJ
43.	Threads, fittings and plastic piping systems & other connectors	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 5011.1	RIJ
44.	Threads, fittings and plastic piping systems & other connectors	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1112.1 1113.1 1212.6 1113.2 1112.4	RIJ
45.	Threads, fittings and plastic piping systems & other connectors	Determination of mechanical endurance using automatic or analog test rigs	R05 WRAS test & acceptance criteria: 1212.3 1312.2 1312.9	RIJ
46.	Threads, fittings and plastic piping systems & other connectors	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07	RIJ
47.	Threads, fittings and plastic piping systems & other connectors	Determination of marking and/or operation by visual assessment	R08	RIJ
		Fire fighting systems		

No.	Material or product	Type of activity[1]	Internal reference number	Location
48.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO9227	RIJ
49.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 5011.1	RIJ
50.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04	RIJ
51.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of mechanical endurance using automatic or analog test rigs	R05	RIJ
52.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07	RIJ
53.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of marking and/or operation by visual assessment	R08	RIJ
54.	Hose reels with semi-rigid hose & Hose systems with lay-flat hose, etc.	Determination of mass, volume or flow using volume meter, flow meter, scale or standardized volumes	R09	RIJ
		Fire hydrants		
55.	Pillar hydrants & underground hydrants	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO9227	RIJ
56.	Pillar hydrants & underground hydrants	Determination of leak tightness/ watertightness and vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1112.1 1111.2 1112.7	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
57.	Pillar hydrants & underground hydrants	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07	RIJ
58.	Pillar hydrants & underground hydrants	Determination of marking and/or operation by visual assessment	R08	RIJ
59.	Pillar hydrants & underground hydrants	Determination of mass, volume or flow using volume meter, flow meter, scale or standardized volumes	R09	RIJ
		Hoses		
60.	Flexible hoses, Shower hoses, etc.	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO 9227	RIJ
61.	Flexible hoses, Shower hoses, etc.	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 5011.1	RIJ
62.	Flexible hoses, Shower hoses, etc.	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1112.1 1112.5 1212.6 1113.2	RIJ
63.	Flexible hoses, Shower hoses, etc.	Determination of mechanical endurance using automatic or analog test rigs	R05	RIJ
64.	Flexible hoses, Shower hoses, etc.	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07	RIJ
65.	Flexible hoses, Shower hoses, etc	Determination of marking and/or operation by visual assessment	R08	RIJ
66.	Flexible hoses, Shower hoses, etc.	Determination of mass, volume or flow using volume meter, flow meter, scale or standardized volumes	R09	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
		Hot water storage		
67.	Hot water storage vessels	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO 9227	RIJ
68.	Hot water storage vessels	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 5011.1 5031.2 5031.3	RIJ
69.	Hot water storage vessels	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.6 1112.2 1112.8 1112.11 1112.14	RIJ
70.	Hot water storage vessels	Determination of mechanical endurance using automatic or analog test rigs	R05 WRAS test & acceptance criteria: 1211.16 1211.17	RIJ
		Anti pollution devices		
71.	Check valves, non return valves, backflow preventers, etc.	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO9227	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
72.	Check valves, non return valves, backflow preventers, etc.	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 2213.1 2213.3 2213.4 2213.12 2213.14 2213.15 2213.16 2213.17 2213.18 2213.19 5011.1 5021.3	RIJ
			R02 WRAS test & acceptance criteria: 2213.4, 2213.14 2213.18 2213.195011.1	GZ
73.	Check valves, non return valves, backflow preventers, etc.	Determination of functional properties using analog or automatic test equipment	R03 WRAS test & acceptance criteria: 2212.19 1313.4 1313.7 1511.1 2211.1 2213.8 2213.13	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
74.	Check valves, non return valves, backflow preventers, etc.	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1112.1 1111.11 1111.8 1111.9 1111.10 1111.13 1111.14 1111.15 1111.16 1111.17 1111.18 1111.19 1111.20 1111.21 1111.22 1111.23 1112.3 1112.9 1112.12 1112.17 2212.11 2212.12 2212.13 2212.14 2212.15 2212.16 2212.17 2212.18 1112.15	RIJ
			R04 WRAS test & acceptance criteria: 1111.8 1111.11	GZ

No.	Material or product	Type of activity[1]	Internal reference number	Location
75.	Check valves, non return valves, backflow preventers, etc.	Determination of mechanical endurance using automatic or analog test rigs	R05 WRAS test & acceptance criteria: 1211.5 1211.8 1211.18 1211.19 1211.20 1211.21 1211.22 1211.23 1211.24 1211.25 1211.26 1211.12,	RIJ
76.	Check valves, non return valves, backflow preventers, etc.	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07 WRAS test & acceptance criteria: 1312.3 1312.11 1312.12 1312.13 1312.14 1312.15 1312.16 1312.17	RIJ
77.	Check valves, non return valves, backflow preventers, etc.	Determination of marking and/or operation by visual assessment	R08	RIJ
			R08 WRAS test & acceptance criteria: 2213.5 2213.7	GZ
		Valves		
78.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of resistance against corrosion using salt spray or household chemicals	R01 ISO 9227	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
79.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of dimensions using manual operated or dedicated measuring devices	R02 WRAS test & acceptance criteria: 5011.1	RIJ
80.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of functional properties using analog or automatic test equipment	R03 WRAS test & acceptance criteria: 1711.2	RIJ
81.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of leak tightness/ watertightness and/or vacuum using pressure pick-up probe and/or visual assessment	R04 WRAS test & acceptance criteria: 1111.1 1111.3 1111.4 1112.1 1113.5	RIJ
82.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of mechanical endurance using automatic or analog test rigs	R05 WRAS test & acceptance criteria: 1212.4 1212.7	RIJ
83.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of resistance against deformation and/or damage by using torque wrench, force meter or weights	R07 WRAS test & acceptance criteria: 1312.5	RIJ

No.	Material or product	Type of activity[1]	Internal reference number	Location
84.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of marking and/or operation by visual assessment	R08	RIJ
85.	Stop valves, Pressure reducing valves, Ball valves, Relief valves, Industrial valves, Hydraulic and float operated valves/ switches, etc.	Determination of mass, volume or flow using volume meter, flow meter, scale or standardized volumes	R09 WRAS test & acceptance criteria: 1512.8	RIJ
		Energy Products & Systems		
86.	Energy Products & Systems	Indirect efficiency	IRN 01	AP
87.	Energy Products & Systems	Combustion CO/CO2	IRN 02	AP
88.	Energy Products & Systems	Flow gas/air	IRN 03	AP
89.	Energy Products & Systems	Temperature (flue) gas	IRN 05	AP
90.	Energy Products & Systems	Energy input (gas)	IRN 06	AP
91.	Energy Products & Systems	Pressure	IRN 07	AP
92.	Energy Products & Systems	Combustion test NO/NO2/NOx	IRN 71	AP
93.	Energy Products & Systems	Combustion test smooth ignition	IRN 72	AP
94.	Energy Products & Systems	Flow liquid	IRN 73	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
95.	Energy Products & Systems	Temperature (surface and materials)	IRN 74	AP
96.	Energy Products & Systems	Temperature liquid	IRN 75	AP
97.	Energy Products & Systems	Energy output (thermal)	IRN 77	AP
98.	Energy Products & Systems	Energy input (electrical)	IRN 78	AP
99.	Energy Products & Systems	Determination sound power level	IRN 83 NEN-EN-ISO 3743-1 NEN-EN-ISO 9614-1 NEN-EN-ISO 9614-2	AP
		Electrical products, equipment, components and installations		
100.	Electrical products, equipment, components and installations	Heating	IRN 24	AP
101.	Electrical products, equipment, components and installations	Overload	IRN 25	AP
102.	Electrical products, equipment, components and installations	Abnormal operation	IRN 26	AP
103.	Electrical products, equipment, components and installations	Electric power and current input	IRN 27	AP
104.	Electrical products, equipment, components and installations	Electric strength	IRN 28	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
105.	Electrical products, equipment, components and installations	Leakage current	IRN 29	AP
106.	Electrical products, equipment, components and installations	Earth resistance	IRN 30	AP
107.	Electrical products, equipment, components and installations	Tracking	IRN 31	AP
108.	Electrical products, equipment, components and installations	Ball-pressure	IRN 32	AP
109.	Electrical products, equipment, components and installations	Glow-wire	IRN 33	AP
110.	Electrical products, equipment, components and installations	Needle flame	IRN 34	AP
111.	Electrical products, equipment, components and installations	Protection against access to live and moving parts	IRN 35	AP
112.	Electrical products, equipment, components and installations	Impact resistance	IRN 36	AP
113.	Electrical products, equipment, components and installations	Pull/push force and torque	IRN 37	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
114.	Electrical products, equipment, components and installations	Torque Testing	IRN 38	AP
115.	Electrical products, equipment, components and installations	Creepage distances, clearances and distance through insulation	IRN 39	AP
116.	Electrical products, equipment, components and installations	Endurance/Thermal stress test	IRN 40	AP
117.	Electrical products, equipment, components and installations	Normal operation/Functional test	IRN 41	AP
118.	Electrical products, equipment, components and installations	Protection against internal faults (software evaluation)	IRN 42	AP
119.	Electrical products, equipment, components and installations	Water and Dust Testing	IRN 43	AP
120.	Electrical products, equipment, components and installations	Humidity testing	IRN 44	AP
121.	Electrical products, equipment, components and installations	Environmental stress	IRN 45	AP
122.	Electrical products, equipment, components and installations	Voltage/Current measurement	IRN 84	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
123.	Electrical products, equipment, components and installations	Hydrostatic testing	IRN 85	AP
124.	Electrical products, equipment, components and installations	Flammability testing	IRN 86	AP
125.	Electrical products, equipment, components and installations	Mechanical stability measurement	IRN 511	AP
126.	Electrical products, equipment, components and installations	(Earth) Leakage and Touch Current measurement	IRN 503	AP
127.	Electrical products, equipment, components and installations	Residual voltage (plug discharge)	IRN 510	AP
128.	Electrical products, equipment, components and installations	Reversed current Lithium batteries	IRN 507	AP
129.	Electrical products, equipment, components and installations	Insulation resistance	IRN 505	AP
130.	Electrical products, equipment, components and installations	Durability and legibility of labeling	IRN 504	AP
131.	Electrical products, equipment, components and installations	Defibrillation proof testing	IRN 501	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
132.	Electrical products, equipment, components and installations	EGC testing	IRN 502	AP
		Fire safety components and materials		
133.	Fire safety components and materials Early suppression Fast Response sprinkler (ESFR) Fast-response sprinkler Special-response sprinkler Standard-response sprinkler	Temperature	IRN 701	ZA
134.		Pressure	IRN 702	ZA
135.		Flow	IRN 703	ZA
136.		K-factor	IRN 704	ZA
137.		Functionality	IRN 705	ZA
138.		Thermal sensitivity	IRN 706	ZA
		Gas & Liquid carrying products components and materials		
139.	Gas & Liquid carrying products components and materials	Time test	IRN 48	AP
140.	Gas & Liquid carrying products components and materials	Force measurement	IRN 50	AP
141.	Gas & Liquid carrying products components and materials	Torque measurement	IRN 51	AP
142.	Gas & Liquid carrying products components and materials	Sensory observation	IRN 53	AP
143.	Gas & Liquid carrying products components and materials	Dimensional aspects	IRN 55	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
144.	Gas & Liquid carrying products components and materials	Flow and pressure drop testing	IRN 57	AP
		Respiratory protective devices		
145.	Respiratory protective devices	Determination of breathability: flow and pressure drop testing	IRN 57	AP
		Gas & Liquid carrying products components and materials		
146.	Gas & Liquid carrying products components and materials	Leak tightness	IRN 59	AP
147.	Gas & Liquid carrying products components and materials	Mass/volume measurement	IRN 60	AP
148.	Gas & Liquid carrying products components and materials	Electrical characteristics	IRN 65	AP
		Electrical and Electronic Equipment		

No.	Material or product	Type of activity[1]	Internal reference number	Location
149.	Electrical and Electronic Equipment (Including: (Fire) Alarm systems, Telecommunicatio n Terminal Equipment, Maritime Communication and Navigation Equipment and Radio Transmitters and Receivers.)	Functional tests and verification of the requirements for (fire)alarm components.	IRN 103 Control and indicating equipment IRN 104 Warning devices IRN 106 Power Supply IRN 110 Supervised Premises Transceiver (SPT) IRN 122 Intrusion detectors – Passive infrared IRN 126 Magnetic contacts IRN 127 Glass break detectors IRN 128 Shock detectors IRN 131 T031 Belgium standard IRN 153 Radio frequency (RF) interconnections IRN 162 Alarm transmission systems - Requirements for SPT IRN 163 Alarm Transmission systems - Requirements for Receiving Centre Transceiver (RCT) IRN 202 Fire panel IRN 203 Sounders IRN 205 Heat detectors IRN 207 Smoke detectors IRN 211 Manual call point IRN 216 Voice Evacuation & Control and Indicating Equipment IRN 217 Isolator IRN 218 In-/Output module IRN 223 Visual Alarm Devices IRN 224 Loudspeakers IRN 229 Fire alarm devices – Multi-sensor fire detectors IRN 334 T034 Belgium Standard	AP
150.		Environmental tests for (fire)alarm components.	IRN 304 EMC for (fire) alarm components IRN 305 Alarm systems - Environmental test methods	AP
151.		Frequency (Hz) 30 Hz – 26 GHz	IRN 400	AP
152.		Duty cycle 0 to 100 %	IRN 401	AP

No.	Material or product	Type of activity[1]	Internal reference number	Location
153.		RF Power (W) 10 nW to 1 kW @ 9 kHz – 40 GHz	IRN 402	AP
154.		Adjacent channel Power (W) 10 nW to 50 W @ 9 kHz – 40 GHz	IRN 403	AP
155.		Spurious emission (W) 9 kHz – 60 GHz	IRN 415	AP
156.		Occupied bandwidth (Hz) 0 kHz – 40 GHz	IRN 404	AP
157.		Transient Power (W) 10nW to 1W @ 9 kHz – 10 GHz	IRN 405	AP
158.		Adjacent channel selectivity (dB) 0 dB to -80 dB @ 9 kHz – 6 GHz	IRN 406	AP
159.		Blocking – desensitisation (dB) 9 kHz – 6 GHz	IRN 407	AP
160.		Receiver Sensitivity (V/m or V) -20BµV to 120dBµV	IRN 408	AP
161.		RF spectrum mask (W/Hz) 9 kHz – 40 GHz	IRN 409	AP
162.		Spurious response rejection (dB) 0 to 110 dB @ 9 kHz – 6 GHz	IRN 411	AP
163.		Spectral power density (W/Hz) 1nW/MHz to 1 W/MHz	IRN 412	AP
164.		Adaptivity 100 MHz – 6 GHz	IRN 413	AP
165.		Dynamic Frequency Selection (DFS) 100 Hz – 6 GHz	IRN 414	AP
IoT consumer products, network-connected (and network-connectable) devices				

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 015**

of **Kiwa Nederland B.V.**
Kiwa FSS Testing

This annex is valid from: **10-04-2026** to **01-09-2028** Replaces annex dated: **29-01-2026**

No.	Material or product	Type of activity[1]	Internal reference number	Location
166.	IoT products, connected to network infrastructure (such as the Internet or home network) being - amongst others - - Radio equipment processing personal data or traffic data or location data designed exclusively for childcare, toys and wearable radio equipment -Radio equipment enabling to transfer money, monetary value or virtual currency	Functionality testing and security testing for resilience against common cyber threats; - Software tests (penetration, passwords, vulnerabilities, integrity and security parameters) - Hardware tests (physical interfaces) - Network and logical interfaces - Attact test (authentication mechanisms) - Userdata delete test	IRN 303 ETSI 103 701 IRN 195	AP

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 015**

of **Kiwa Nederland B.V.**
Kiwa FSS Testing

This annex is valid from: **10-04-2026** to **01-09-2028** Replaces annex dated: **29-01-2026**

EMC.E	**Electromagnetic Compatibility Emission (EMC)**			
EMC.E.01	Electrical products, equipment, components and installations	Conducted Emissions Voltage method (AN) 9 kHz - 30 MHz	IRN 439	AP
EMC.E.02		Conducted Emissions Voltage method (AMN) 9 kHz - 30 MHz	IRN 439	AP
EMC.E.03		Conducted Emissions Voltage method (LISN) 9 kHz - 30 MHz	IRN 439	AP
EMC.E.04		Conducted Emissions Voltage method (Voltage probe) 9 kHz - 30 MHz	IRN 439	AP
EMC.E.05		Conducted Emissions Current method (Current probe) 9 kHz - 30 MHz	IRN 439	AP
EMC.E.06		Conducted Emissions Power disturbance method (Absorbing clamp) 30 MHz – 300 MHz	IRN 439	AP
EMC.E.09		Conducted Emissions Discontinuous disturbance 9 kHz - 30 MHz	IRN 439	AP
EMC.E.14		Radiated Emissions Full Anechoic Chamber Method (FACM) 30 MHz - 1 GHz	IRN-441	AP
EMC.E.15	Electrical products, equipment, components and installations	Radiated Emissions Semi Anechoic Chamber Method (SACM)	IRN 441	AP

		9 kHz - 40GHz		
EMC.E.19		Radiated Emissions Van Veen loop method 9 kHz - 30 MHz	IRN 410	AP
EMC.E.20		Radiated Emissions 60 cm loop method 9 kHz – 30 MHz	IRN 410	AP
EMC.E.26		Harmonic Current Emissions (Up to and including 16A per phase) 1 + 3 phase	IRN 444	AP
EMC.E.27		Voltage changes, voltage fluctuations and flicker Emissions (Up to and including 16A per phase) 1 + 3 phase	IRN 445	AP
EMC.E.31		Electrical transient conduction along supply lines: Voltage Transient Emission test	IRN 446	AP
EMC.E.34		Conducted Emissions Voltage method (AAN) 9 kHz - 30 MHz	IRN 439	AP
EMC.I	**Electromagnetic Compatibility Immunity**			
EMC.I.03	Electrical products, equipment, components and installations	Harmonics and interharmonics including mains signaling at a.c. power port, low frequency immunity 16.5 – 2400 Hz 1 + 3 phase	IRN 443	AP
EMC.I.07	Electrical products, equipment, components and installations	Immunity to conducted disturbances Induced by radio-frequency fields Up to 20 Vrms 150 kHz - 230 MHz	IRN 434	AP

EMC.I.12	Electrical products, equipment, components and installations	Radiated Immunity Electric Field Up to 20 V/m 80 MHz - 6 GHz	IRN 435	AP
EMC.I.21		Electrostatic discharge Immunity (ESD) Contact discharge 0 – 8 kV Air discharge 0 – 15 kV	IRN 419	AP
EMC.I.22		Electrical fast transient / burst Immunity (EFT) DC + 1 + 3 phase 0.25 - 4 kV	IRN 420	AP
EMC.I.23		Surge Immunity DC + 1 + 3 phase 0.2 - 4 kV 10/700 µs, 1.2/50 (8/20) µs	IRN 437	AP
EMC.I.24		Power frequency magnetic field Immunity 50/60 Hz 1 – 100 A/m	IRN 440	AP
EMC.I.26		Voltage dips, short interruptions and voltage variations Immunity 1 + 3 phase 0° - 360°	IRN 418	AP
EMC.I.32	Electrical products, equipment, components and installations	Supply frequency variations Immunity 16.00 - 819.0 Hz	IRN 442	AP
EMC.I.36		Ring wave immunity test DC + 1 + 3 phase 0.2 - 4 kV	IRN 437	AP
EMC.I.39	Electrical products, equipment,	Electric transient transmission along supply lines: Transient Immunity test	IRN 447	AP

	components and installations			

[2] Activities that are referred to in the specific product standards listed in the adjacent column
[3] Product standards that specifically refer to testing activities which shall be performed under ISO/IEC 17025 accreditation

Items a & b as given below shows the relation between the test activities 1 up to and including 25 as mentioned above and the standards, directive(s) and/or approval requirements in which the accredited test activity is included.

a.	Polymer materials, products, piping systems and joints	Pressure testing Tensile and force testing Dimensional measurements Mass measurements Leak tightness testing Visual assessments Displacement testing Calorimetric measurements Calculation methods Concentration measurements Temperature/heat measurements Impact testing	DIN 4726 DVGW GW 335-A2 DVGW GW 335-B2 DVGW GW 335-B3 DVGW GW 335-B4 DVGW W 534 DVGW W 542 DVGW W 544 DVGW ZP 8500 EN 12201-1 EN 12201-2 EN 12201-3 EN 12201-4 EN 12201-5 EN 1451-1 EN 1519-1 EN 1555-1 EN 1555-2 EN 1555-3 EN 1555-4 EN 1555-5 EN 1852-1 ISO 1452-1 ISO 1452-2 ISO 1452-3 ISO 1452-4 ISO 15874-2 ISO 15874-5 ISO 4437-3 ISO 4437-4 ISO 4437-5	AP

			ISO 15875-2 ISO 15875-3 ISO 15875-5 ISO 15876-2 ISO 15876-3 ISO 15876-5 ISO 15877-2 ISO 15877-3 ISO 15877-5 ISO 16422 ISO 17484-1 ISO 17885 ISO 21003-2 ISO 21003-3 ISO 21003-5 ISO 22391-2 ISO 22391-3 ISO 22391-5 ISO 4427-1 ISO 4427-2 ISO 4427-3 ISO 4427-4 ISO 4427-5 ISO 4437-1 ISO 4437-2	
b.	Rubber and Elastomers	Tensile and force testing Mass measurements Visual assessments	EN 549 EN 681-1 EN 681-2	AP

Item c up to and including k as given below shows the relation between the test activities 26 up to and including 84 as mentioned above and the standards, directive(s) and/or approval requirements in which the accredited test activity is included.

c.	Sanitary tapware & shower items	R01, R02, R04 up to and incl. R09	EN 200 EN 246 EN 248 EN 816 EN 817 EN 1111 EN 1112 EN 1287 NEN-EN 15091 ISO 9227 NHS DO8 AS/NZS 3718 AS/NZS 3662 AS/NZS 4032.1 AS 5200.037.2 DVGW W574 DVGW ZP 6500	RIJ

			EN 200 EN 248 EN 817 EN 1111 EN 1287 ISO 9227 DVGW W574 DVGW ZP 6500	GZ
d.	Toilet, Bathroom & Kitchen items	R01 up to and incl. R09	EN 248 EN 997 EN 14124 NEN-EN 13310 + A1 NEN-EN 695 NEN-EN 14055 NEN-EN 14688 ISO 9227 AS 1172.1 AS 1172.2 AS-NZS 1172-2 paragraph 4.7 and testing against specifications in accordance with AS/NZS 6400 par. 3 AS/NZS 3494 AS/NZS 3982	RIJ
e.	Connections	R01, R02, R04, R05, R07, R08	EN 248 EN 1254 EN 10226 EN 12295 ISO 9227	RIJ
f.	Fire fighting systems	R01, R02, R04, R05, R07, R08, R09	NEN-EN 671-1 NEN-EN 671-2	RIJ
g.	Fire hydrants	R01, R04, R07, R08, R09	EN 248 EN 1074-1 + Annex A EN 1074-6 § 5.3 EN 14384 § 4.6.2.2 EN 14384 § 5.3 ISO 9227	RIJ

h.	Hoses	R01, R02, R04, R05, R07, R08, R09	EN 248 EN 1112 EN 1113 EN 13618 EN 16145 NEN-EN 16146 ISO 9227 AS 3499	RIJ
i.	Hot water storage	R01, R02, R04, R05	EN 248 ISO 9227	RIJ
j.	Anti pollution devices	R01 up to and incl. R05, R07, R08	EN 248 EN 13959 ISO 9227	RIJ
		R02, R04, R08	EN 248 ISO 9227	GZ
k.	Valves	R01 up to and incl. R05, R07 up to and incl. R09	EN 248 EN 1074-1 EN 1074-2 + A1 EN 1074-3 EN 1213 EN 1567 EN 13828 ISO 9227	RIJ

2 Activities that are referred to in the specific product standards listed in the adjacent column
3 Product standards that specifically refer to testing activities which shall be performed under ISO/IEC 17025 accreditation

Item I-ad as given below shows the relation between the test activities 85-165 as mentioned above and the standards, directive and/or approval requirements in which the test activity is included

I.	Energy products	Activity IRN 01 up to and including IRN 03, IRN 05 up to and including IRN 07, IRN 71 up to and including IRN 75, IRN 77, IRN 78 and IRN 83 as far as relevant in the following documents	EN 26, EN 30-1-1, EN 30-1-2, EN 30-2, EN 30-2-1, EN 30-2-2, EN 89, EN 203-1, EN 203-2, EN 203-3, EN 297, EN 303-1, EN 303-3, EN 303-4, EN 416-1, EN 419-1, EN 449, EN 461, EN 483, EN 484, EN 497, EN 498, EN 509, EN 521, EN 613, EN 621, EN 625, EN 656, EN 676, EN 677, EN 732, EN 778, EN 1020, EN 1196, EN 12102; EN 12102-1, EN 12309-1, EN 1319, EN 13203-1, EN 13203-2, EN 13836, EN 1458-1, EN 1596, EN 14511, EN 14825, EN 15036-1, EN 15417, EN 15420, EN 15502-1, EN 15502-2-1, EN 16147, GASKEUR CV, CV-HR, CV-SV, CV-HRww, NZ, WV, WD, LV, LV-HR, LV-SV, GASTEC QA KE 174, GASTEC QA KE 175, NEN-EN 50291-1 NEN-EN 50465 SANS 1539 SASO 167, SASO 168 AS-NZS 5263.0 AS-NZS 5263.1.1 AS-NZS 5263.1.7 AS-NZS 5263.1.8 AS-4563	AP
m.	Duct systems	Activity IRN 05, IRN 07, IRN 59, IRN 74, as far as relevant in the following documents	GASTEC QA KE 19, GASTEC QA KE 83, GASTEC QA KE 138, GASTEC QA KE 166, KOMO BRL 5101, KOMO BRL 5102, NEN 7203, EN 7207, EN 1859	AP

n.	EMC testing on household and similar electrical products (HOUSE) , equipment, controls (CON) and installations	EMC.E.01, EMC.E.02, EMC.E.03, EMC.E.04, EMC.E.05 EMC.E.06, EMC.E.09, EMC.E.14, EMC.E.15, EMC.E.19, EMC.E.26, EMC.E.27, EMC.E.31, EMC.E.34 EMC.I.03, EMC.I.07,EMC.I.12, EMC.I.21 EMC.I.22, EMC.I.23,EMC.I.24, EMC.I.26, EMC.I.31, EMC.I.32, EMC.I.36, EMC.I.39	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 55014-1, EN 55014-2, EN 55011, EN 55022, EN 61000-3-3, EN 61000-3-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-7, EN 61000-4-8, EN 61000-4-11, EN 61000-4-13, EN 61000-4-15, EN 13611, EN 12067-2, EN 14459, EN 298, EN 230, EN 1643, EN 60335-1, EN 60335-2-40, EN 60335-2-42, EN 60335-2-102, EN 60730-1, EN 60730-2-5, EN 60730-2-9, NEN-EN-IEC 61326-1, NEN-EN 55035, ISO 7637-2, 2004, ETSI-EN 301489-1, UN Regulation 10.06	AP

o.	LVD testing on household and similar electrical products (HOUS), Switches for appliances and automatic controls for electrical household appliances (CONT), Electronics, entertainment (TRON), Industrial Automation (INDA), Lighting (LITE), IT and office equipment (OFF), Measurement, Control and Laboratory equipment (MEAS), Safety transformers and similar equipment (SAFE), Information Technology Audio Video (ITAV)	Activity IRN 24 up to and including IRN 45 and IRN 84 up to and including IRN 86 as far as relevant in the following documents	EN-IEC 60065 EN-IEC 60204-1 EN-IEC 60335-1 and part: 2-1, 2-5, 2-6, 2-8, 2-9, 2-13, 2-15, 2-21, 2-23, 2-24, 2-25, 2-27, 2-29, 2-30, 2-31, 2-32, 2-35, 2-36, 2-37, 2-38, 2-39, 2-40, 2-42, 2-44, 2-47, 2-48, 2-50, 2-53, 2-60, 2-65, 2-66, 2-75, 2-78, 2-80, 2-82, 2-88, 2-89, 2-90, 2-97, 2-99, 2-102, 2-103 EN-IEC 60529 (only IP00 until IP68) EN-IEC 60598-1 and part: 2-1, 2-3, 2-4, 2-7 EN-IEC 60730-1 and part: 2-5, 2-8, 2-9 EN-IEC 60950-1 EN-IEC 61010-1 and part: 2-010, 2-030, 2-040, 2-081, 2-101 EN-IEC 61558-1 and part: 2-6, 2-16 EN-IEC 62368-1, EN-IEC 62790 IEC 62990-1 EN 230 EN 298 EN 1643 EN 12067-2 EN 13611 EN 14459 EN 45544-1, -2 and -3 EN 50104 NEN-EN 50291-1 EN-IEC 60664-1 EN 61180 EN-IEC 60990 EN-IEC 62262 EN-IEC 60664-1 EN-IEC 60990	AP

p.	Gas & Liquid carrying components for Appliances, Distribution and Installations	Activity IRN 48, 50, 51, 53, 55, 57, 59, 60 and 65 as far as relevant in the following documents	Regulation (UNECE) No 67, Regulation (UNECE) No 110, ISO 15500, EN 88, EN 125, EN 126, EN 161, EN 257, EN 13611, EN 1106, EN 1643, EN 1854, EN 12078, EN 12067-1, EN 331, EN 1555-1, EN 1555-2, EN 1555-3, NEN-EN 14683+C1, Clause 5.2.3, Annex C GASTEC QA KE 10, GASTEC QA KE 11, GASTEC QA KE 31, GASTEC QA KE 35, GASTEC QA KE 52, GASTEC QA KE 53, GASTEC QA KE 58, GASTEC QA KE 69, GASTEC QA KE 69(1), GASTEC QA KE 70, GASTEC QA KE 91, GASTEC QA KE 96, GASTEC QA KE 136, GASTEC QA KE 165, GASTEC QA KE 171, GASTEC QA KE 176, GASTEC QA KE 186, GASTEC QA KE 187, GASTEC QA KE 194, GASTEC QA KE 198, GASTEC QA KE 201, ANSI Z21.18/CSA 6.3, ANSI Z21.78/CSA 6.20, ANSI Z21.21/CSA 6.5, ANSI Z21.15, CSA 9.1 DVGW G 5614	AP

q.	Automotive	Activity IRN 48, IRN 50, IRN 51, IRN 53, IRN 55, IRN 57, IRN 59, IRN 60 and IRN 65 as far as relevant in the following documents	Regulation (UNECE) No 67, Regulation (UNECE) No 110, ISO 15500, ISO 15995, ANSI NGV 3.1/CSA 12.3, ANSI PRD 1, ISO 14469-1, ISO 14469-2, ISO 14469-3, NEN-EN-ISO 14903 Regulation EU 406/2010 ANSI NGV1 CSA NGV1 Regulation No. 134 DVGW 5600, EU 2021/535, CSA-ANSI HGV 3.1, CSA-ANSI HPRD1, NEN-EN-ISO 11114-4, NEN-EN 12245, NEN-EN 17339	AP
r.	Energy Products & Systems	Activity IRN 03, IRN 05, IRN 06, IRN 07, IRN 27, IRN 73, IRN 74, IRN 75, IRN 78 as far as relevant in the following documents	ENERGY STAR Program Requirements for Commercial Ovens; Eligibility Criteria for Commercial Combination Ovens ASTM F 2861 Standard Test Method for Performance of Convection Ovens ASTM F 1496	AP

s.	Fire safety components and materials Early suppression Fast Response sprinkler (ESFR) Fast-response sprinkler Special-response sprinkler Standard-response sprinkler	IRN 701, IRN 702, IRN 703, IRN 704, IRN 705, IRN 706	ISO 6182-1 ISO 6182-1: 2014 ISO 6182-1; 2004 ISO 6182-1: 2021 ISO 6182-7; 2020 ISO 6182-7; 2004 EN 12259-1, EN 12259-1; 1999+A1; 2001, A3: 2006, EN 12259-1; 1999+A1; 2001, A2: 2004, EN 12259-1; 1999+A1; 2001, EN 12259-1; 1999 VdS 2091	ZA
t.	PE Welding	IRN 50, IRN 53, IRN 55, IRN 65	NEN 7200 hoofdstuk 6, NTA 8828 paragraaf 5.4.8.3, Procedure PA-001, Procedure PA-002, ISO 527-1, -2, ISO 13953, ISO 13954, ISO 13955, ISO 13956	AP
u.	Electrical equipment for medical use (MED)	Activity IRN 24 up to and including IRN 45 and IRN 84 up to and including IRN 86, IRN 501, IRN 502 up to and including IRN 506 and IRN 511 as far as relevant in the following documents	EN-IEC 60601-1, 1-6, 1-8, 1-11, 2-1, 2-5, 2-10, 2-22, 2-24, 2-25, 2-26, 2-27, 2-38, 2-40, 2-47	AP
v.	Batteries (BATT)	IRN 507	EN-IEC 60086-4	AP

		Fire/Security tests		
w.	Fire/Security Components & Systems (Including Intrusion Systems, Access Control Systems and Social (Fire)Alarm Systems)	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414 and IRN 334 EMC.I.07, EMC.I.12, EMC.I.21, EMC.I.22, EMC.I.23, EMC.I.24 EMC.I.26	EN 50130-5, IEC 62599-1 EN 50131-1,EN 50131-2-2, DIN EN 50131-2-2, EN 50131-2-3, EN 50131-2-4, EN 50131-2-6, EN 50131-2-7-1, EN 50131-2-7-2, EN 50131-2-7-3, EN 50131-3, DIN EN 50131-3, EN 50131-4, EN 50131-5-3, DIN EN 50131-5-3, EN 50131-6, DIN EN 50131-6, EN 50131-8, EN 50131-9, EN 50131-10, DIN EN 50131-10, IEC 62642-1, IEC 62642-2-2, IEC 62642-2-3, IEC 62642-2-4, IEC 62642-2-6, IEC 62642-2-71, IEC 62642-2-72, IEC 62642-2-73, IEC 62642-3, IEC 62642-4, IEC 62642-5-3, IEC 62642-6, IEC 62642-8, EN 50133-1, EN 50133-2-1, EN 50133-7, EN 50134-1, EN 50134-3, EN 50134-5, IEC 62851-1, IEC 62851-2, IEC 62851-3, IEC 62851-5 EN 50136-1-1, EN 50136-2-1, EN 50136-2-3, EN 50136-1, DIN EN 50136-1, EN 50136-2, DIN EN 50136-2, EN 50136-3, IEC 60839-5-1, IEC 60839-5-3, TS 50136-4 EN/IEC 60839-11-1 ISO 7240-1, ISO 7240-2, ISO 7240-3, ISO 7240-4, ISO 7240-11, ISO 7240-13, ISO 7240-16, ISO 7240-17, ISO 7240-18, ISO 7240-21, ISO 7240-23, ISO 7240-24, ISO 7240-25 EN/TS 50398, RE_070, SSF1014 T031, T033, T034 EN 54-1, EN 54-2, EN 54-3, EN 54-4, EN 54-5, EN 54-7, EN 54-11, EN 54-13, EN 54-16, EN 54-17, EN 54-18, EN 54-21, EN 54-23, EN 54-24, EN 54-25, EN 54-29, AS 4428-16, EN 12094, EN 14604, EN50131-2-8	AP

		Maritime tests		
x.	Maritime Communication and Navigation Equipment	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414 EMC.E.02, EMC.E.03, EMC.E.15, EMC.E.19, EMC.E.20, EMC.E.34, EMC.I.07, EMC.I.12, EMC.I.21, EMC.I.22, EMC.I.23, EMC.I.24, EMC.I.26	EN 60945, RSS-181, RSS-182, RSS-238, RSS-287, RSS-288, IEC 60092-504, IEC 60533	AP
		Radio tests		
y.	Radio transmitters and receivers	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414	AS/NZS 4268, EN 300 113, EN 300 220, EN 300 328, EN 300 330, EN 300 440, EN 301 357, EN 301 511, EN 301 893, EN 301 908, EN 302 291, EN 302 502, LP0002	AP
		Fire/Security EMC Emission and Immunity Tests		
z.	**Electrical and Electronic Equipment** (Including: Alarm/Fire Systems, , Maritime Communication and Navigation Equipment and Radio Transmitters and Receivers)	EMC.E.02, EMC.E.03, EMC.E.05, EMC.E.14, EMC.E.15, EMC.E.19, EMC.E.20, EMC.E.34 EMC.I.07, EMC.I.12, EMC.I.21, EMC.I.22, EMC.I.23, EMC.I.24, EMC.I.26	Applicable product/basic standards: EN 50121-4, EN 50130-4, IEC 62599-2, EN 55014-1, EN 55014-2, EN 55032, EN 55024, EN 55103-1,EN 55103-2, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 301 489	AP

FCC (Federal Communications Commission) tests				
aa.	**Electrical and Electronic Equipment** (Including: (Fire) Alarm systems, Telecommunicatio n Terminal Equipment, Maritime Communication and Navigation Equipment and Radio Transmitters and Receivers.)	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414 EMC.E.03, EMC.E.15, EMC.E.19, EMC.E.20, EMC.E.34	FCC Part 2, FCC Part 11, ANSI C63.4-2014, ANSI C63.10-2013, ANSI C63.10-2020, ANSI C63.10-2020/Cor1-2023, ANSI C63.10a-2024, ANSI C63.17-2013 ANSI/TIA-603D + ANSI C63.26-2015 TIA-102.CAAA-D	AP
	Unintentional Radiators (FCC Part 15, Subpart B)		ANSI C63.4-2014	AP
	Industrial, Scientific, and Medical Equipment (FCC Part 18) Consumer ISM equipment		FCC MP-5 (February 1986)	AP
	Intentional Radiators (FCC Part 15 Subpart C)		ANSI C63.10-2013, ANSI C63.10-2020, ANSI C63.10-2020/Cor1-2023, ANSI C63.10a-2024	AP
	U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E) Unlicensed National Information Infrastructure Devices (U-NII without DFS)		ANSI C63.10-2013, ANSI C63.10-2020, ANSI C63.10-2020/Cor1-2023, ANSI C63.10a-2024 FCC KDB Publication 789033	AP

	U-NII with DFS Intentional Radiators (FCC Part 15 Subpart E) Unlicensed National Information Infrastructure U-NII) Devices with Dynamic Frequency Selection (DFS)	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414 EMC.E.03, EMC.E.15, EMC.E.19, EMC.E.20, EMC.E.34	FCC KDB Publication 905462 D02 U-NII DFS Compliance Procedures New Rules v02 (April 8, 2016) ANSI C63.10-2020 ANSI C63.10-2020/Cor1-2023 ANSI C63.10-2020/Cor1-2023 + C63.10a-2024 FCC KDB Publication 789033	AP
	UWB Intentional Radiators (FCC Part 15, Subpart F) Ultra-wideband Operation		ANSI C63.10-2013, ANSI C63.10-2020, ANSI C63.10-2020/Cor1-2023, ANSI C63.10a-2024	AP
	Commercial Mobile Services (FCC Licensed Radio Service Equipment) Part 22 (cellular) **Part 24** **Part 25 (below 3 GHz)** **Part 27**		ANSI 63.26:2015 FCC KDB Publication 971168	AP
	Maritime and Aviation Radio Services (FCC Licensed Radio Service Equipment) Part 80 Part 87		ANSI 63.26:2015 FCC KDB Publication 971168	AP

of **Kiwa Nederland B.V.**
Kiwa FSS Testing

This annex is valid from: **10-04-2026** to **01-09-2028** Replaces annex dated: **29-01-2026**

ISED (Innovation, Science and Economic Development Canada) tests				
ab.	**Electrical and Electronic Equipment** (Including: (Fire) Alarm systems, Telecommunication Terminal Equipment, Maritime Communication and Navigation Equipment and Radio Transmitters and Receivers.)	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414 EMC.E.02, EMC.E.03, EMC.E.15, EMC.E.19, EMC.E.20, EMC.E.34	BETS-1, BETS-3, BETS-4, BETS-5, BETS-6, BETS-7, BETS-8, BETS-9, BETS-11 RSS-Gen, RSS-102 (RF Exposure Evaluation), RSS-111, RSS-112, RSS-117, RSS-119, RSS-123, RSS-125, RSS-127, RSS-131, RSS-132, RSS-133, RSS-134, RSS-135, RSS-137, RSS-139, RSS-141, RSS-142, RSS-170, RSS-191, RSS-192, RSS-194, RSS-195, RSS-196, RSS-197, RSS-199, RSS-210, RSS-213, RSS-215, RSS-216, RSS-220, RSS-243, RSS-310, RSS-247	AP
JAPAN tests				
ac.	**Electrical and Electronic Equipment** (Including: Telecommunication Terminal Equipment, Radio Transmitters and Receivers.)	Activity IRN 400 up to and including IRN 409, IRN 411 up to and including 414	Ordinance Regulating Radio Equipment (Radio Regulatory Commission Rules No. 18) (Radio Law Japan) Ordinance Concerning Terminal Facilities Etc. (Ministerial Ordinance of MPT No. 31) (Telecommunications Business Law Japan)	AP

ad.	IoT products (such as: baby monitors, smoke detectors, door locks, IoT base stations, smart camera's, smart TV's, smart speakers, smart home assistants, health trackers and connected appliances such as washing machines) network-connected (and network connectable) device that has relationships to associated services and are used by the consumer typically in the home or as electronic wearables	Activity IRN 303, IRN 195	IRN 303 ETSI 103 701, ETSI EN 303 645 IRN 195: NEN -EN 18031-1, -2, -3	AP