

Name: DEKRA Testing and Certification (Shanghai) Ltd. Hefei Branch

Address: 2/F, Building B3, Liheng Industrial Zone, Fanhua Road, Jingkai District, Hefei, Anhui, China

Registration No. CNAS L10989

Accreditation Criteria: ISO/IEC 17025 and relevant requirements of CNAS

CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT

Effective Date: 2018-08-20

SCHEDULE OF ACCREDITATION CERTIFICATE

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
未分组					
1	Household and similar electrical appliances	1	Part of Parameters	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005, IEC 60335-1:2010+A1:2013+A2: 2016, IEC 60335-1:2001+A1:2004+A2:2005, EN 60335-1:2012+A11:2014, EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011	Except for 3-phases appliance, except: cl.9 Starting of motor-operated appliances, cl.14 transient overvoltages, IPX8 test of cl.15, Except for

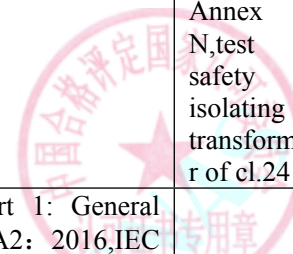


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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
					19.11.4(E MS),22.3(s traight plug test), cl.22.32 Oxygen tank test, cl.32 Radiation, toxicity and similaer hazards For the Annex parts: Only test Annex B, AnnexD,Annex E and Annex N,test safety isolating transformer of cl.24
		2	Marking and instruction	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006	

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				+A13:2008+A14:2010+A15: 2011 7	
		3	Protection against access to live parts	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 8	
		4	Power input and current	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 10	
		5	Heating	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 11	
		6	Leakage current and electric strength at operating temperature	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 13	
		7	Moisture resistance	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 15	Except IPX8
		8	Leakage current and electric strength	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 16	
		9	Overload protection of transformers and associated circuits	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 17	
		10	Endurance	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 18	
		11	Abnormal operation	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 19	Except for 19.11.4(E MS)
		12	Stability and mechanical hazards	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 20	
		13	Mechanical strength	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 21	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		14	Construction	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 22	Except for: 22.3(straight plug test), 22.32(oxygen tank test)
		15	Internal wire	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 23	
		16	Components	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 24	Only for: Safety isolating transformer test
		17	Supply connection and external flexible cords	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 25	
		18	Terminals for external conductors	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 26	
		19	Provision for earthing	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 27	
		20	Screws and connections	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 28	
		21	Creepage distances, clearances and distance through insulation	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 29	
		22	Resistance to heat and fire	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 30	
		23	Resistance to rusting	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 31	
		24	Appliance powered	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 Annex B	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		25	Thermal motor protectors	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 Annex D	
		26	Needle-flame test	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 Annex E	
		27	Proof tracking test	Household and similar electrical appliances - Safety - Part 1: General requirements GB 4706.1-2005,IEC 60335-1:2010+A1:2013+A2: 2016,IEC 60335-1:2001+A1:2004+A2:2005,EN 60335-1:2012+A11:2014,EN 60335-1:2002+A1:2004+A11:2004+A2:2006 +A12:2006 +A13:2008+A14:2010+A15: 2011 Annex N	
2	Spin extractors	1	Part of Parameters	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015	Except for 3-pahses appliance, except: cl.9 Starting of motor-operated appliances, cl.14 transient overvoltage, IPX8 test of cl.15,

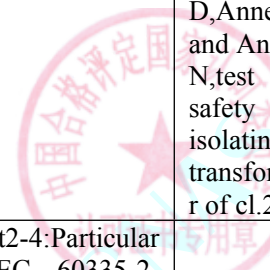


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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
					Except for 19.11.4(E MS),22.3(s traight plug test), cl.22.32 Oxygen tank test, cl.32 Radiation, toxicity and similaer hazards For the Annex parts: Only test Annex B, Annex D,Annex E and Annex N,test safety isolating transforme r of cl.24
		2	Marking and instruction	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 7	

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		3	Protection against access to live parts	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 8	
		4	Power input and current	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 10	
		5	Heating	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 11	
		6	Leakage current and electric strength at operating temperature	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 13	
		7	Moisture resistance	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 15	Except for: IPX8 test of cl.15,
		8	Leakage current and electric strength	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 16	
		9	Overload protection of transformers and associated circuits	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 17	
		10	Endurance	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 18	
		11	Abnormal operation	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 19	Except for: 19.11.4(E MS)
		12	Stability and mechanical hazards	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 20	



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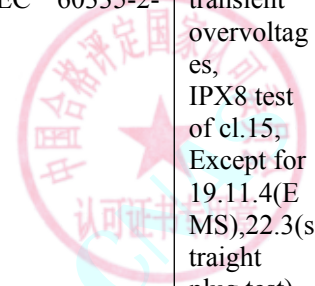
№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		13	Mechanical strength	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 21	
		14	Construction	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 22	Except for: 22.3(straight plug test), 22.32(oxygen tank test)
		15	Internal wire	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 23	
		16	Components	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 24	Only for: Safety isolating transformer test
		17	Supply connection and external flexible cords	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 25	
		18	Terminals for external conductors	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 26	
		19	Provision for earthing	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 27	
		20	Screws and connections	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 28	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		21	Creepage distances, clearances and distance through insulation	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 29	
		22	Resistance to heat and fire	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 30	
		23	Resistance to rusting	Household and similaer electrical appliances-Safety-Part2-4:Particular requirements for spin extractors GB 4706.26-2008,IEC 60335-2-4:2008+A1:2012,EN 60335-2-4:2010+A1: 2015 31	
3	Washing machines	1	Part of Parameters	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013	Except for 3-pahses appliance, except: cl.9 Starting of motor-operated appliances, cl.14 transient overvoltage, IPX8 test of cl.15, Except for 19.11.4(E MS),22.3(s traight plug test), cl.22.32



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		№	Item/ Parameter		
					Oxygen tank test, cl.32 Radiation, toxicity and similaer hazards For the Annex parts: Only test Annex B, Annex D,Annex E and Annex N ,test safety isolating transforme r of cl.24
		2	Marking and instruction	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 7	
		3	Protection against access to live parts	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 8	
		4	Power input and current	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 10	

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		5	Heating	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 11	
		6	Leakage current and electric strength at operating temperature	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 13	
		7	Moisture resistance	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 15	Except for: IPX8 test of cl.15,
		8	Leakage current and electric strength	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 16	
		9	Overload protection of transformers and associated circuits	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 17	
		10	Endurance	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 18	
		11	Abnormal operation	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 19	Except for: 19.11.4(E MS)
		12	Stability and mechanical hazards	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 20	
		13	Mechanical strength	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 21	
		14	Construction	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 22	Except for: 22.3(straight plug)



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		№	Item/ Parameter		
					test),22.32(oxygen tank test)
15		Internal wire		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 23	Particular
16		Components		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 24	Particular Only for: Safety isolating transformer test
17		Supply connection and external flexible cords		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 25	Particular
18		Terminals for external conductors		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 26	Particular
19		Provision for earthing		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 27	Particular
20		Screws and connections		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 28	Particular
21		Creepage distances, clearances and distance through insulation		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 29	Particular
22		Resistance to heat and fire		Household and similar electrical appliances-Safety-Part2-7: requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 30	Particular

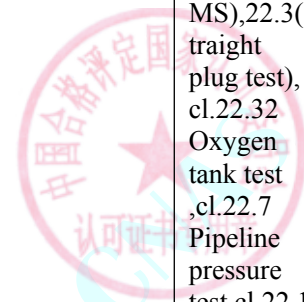


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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		23	Resistance to rusting	Household and similar electrical appliances-Safety-Part2-7: Particular requirements for washing machines GB 4706.24-2008,IEC 60335-2-7:2008+A1:2011+A2:2016,EN 60335-2-7:2010+A1:2013 31	
4	Refrigerating appliances, ice-cream appliances and ice makers	1	Part of Parameters	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010	Except for 3-phases appliance, except: cl.9 Starting of motor-operated appliances, cl.14 transient overvoltages, IPX8 test of cl.15, Except for 19.11.4(E MS),22.3(s traight plug test), cl.22.32 Oxygen tank test ,cl.22.7 Pipeline pressure test,cl.22.107,cl.22.10

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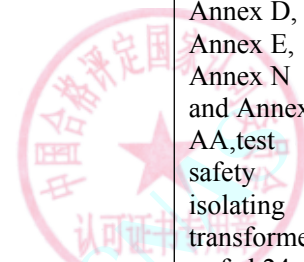


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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
					8 and cl.22.109 Tests for leakage concentration of flammable refrigerants , cl.32 Radiation, toxicity and similaer hazards For the Annex parts: Only test Annex B, Annex D, Annex E, Annex N and Annex AA, test safety isolating transformer of cl.24
		2	Marking and instruction	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 7	
		3	Protection against access to live parts	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 8	
		4	Power input and current	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 10	
		5	Heating	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 11	
		6	Leakage current and electric strength at operating temperature	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 13	
		7	Moisture resistance	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 15	Except for: IPX8 test of cl.15
		8	Leakage current and electric strength	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 16	
		9	Overload protection of transformers and associated circuits	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 17	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		10	Endurance	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 18	
		11	Abnormal operation	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 19	Except for 19.11.4(E MS)
		12	Stability and mechanical hazards	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 20	
		13	Mechanical strength	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 21	except for: cl. 21.101 vibration test
		14	Construction	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 22	Except for: 22.3(straight plug test), cl.22.32 Oxygen tank test, cl.22.7Pipe line pressure test,cl.22.107,cl.22.108 and cl.22.109 Tests for

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
					leakage concentration of flammable refrigerants
		15	Internal wire	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 23	
		16	Components	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 24	Only for: Safety isolating transformer test
		17	Supply connection and external flexible cords	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 25	
		18	Terminals for external conductors	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 26	
		19	Provision for earthing	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 27	
		20	Screws and connections	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 28	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		21	Creepage distances, clearances and distance through insulation	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 29	
		22	Resistance to heat and fire	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 30	
		23	Resistance to rusting	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 31	
		24	Annex AA	Household and similar electrical appliances-Safety-Part2-24:Particular requirements for refrigerating appliances, ice-cream appliances and ice makers GB 4706.13-2014, IEC 60335-2-24 :2010+A1:2012, EN 60335-2-24:2010 Annex AA	
5	Commercial refrigerating appliances with an incorporated or remote reeferant condensing unit or compressor	1	Part of Parameters	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016	Except for 3-phases appliance, except: cl.9 Starting of motor-operated appliances, cl.14 transient overvoltage, IPX8 test of cl.15,

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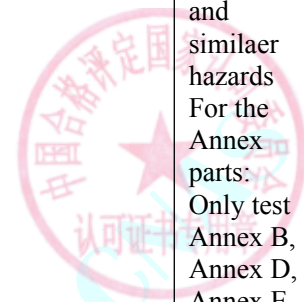


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		№	Item/ Parameter		
					cl.22.32 Oxygen tank test ,cl.22.7 Pipeline pressure test, cl.22.106, cl.22.107 and cl.22.108 Tests for leakage concentration of flammable refrigerants , cl.32 Radiation, toxicity and similar hazards For the Annex parts: Only test Annex B, Annex D, Annex E and Annex

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
					N,Annex AA, test safety isolating of cl.24
		2	Marking and instruction	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 7	
		3	Protection against access to live parts	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 8	
		4	Power input and current	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 10	
		5	Heating	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 11	
		6	Leakage current and electric strength at operating temperature	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 13	
		7	Moisture resistance	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 15	Except for: IPX 8 test of cl.15
		8	Leakage current and	Household and similar electrical appliances-Safety-Part2-89:Particular	

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
			electric strength	requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 16	
		9	Overload protection of transformers and associated circuits	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 17	
		10	Endurance	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 18	
		11	Abnormal operation	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 19	
		12	Stability and mechanical hazards	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 20	
		13	Mechanical strength	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 21	
		14	Construction	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 22	Except for: cl.22.32 Oxygen tank test,cl.22.7 Pipeline pressure



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
					test,cl.22.108 and cl.22.109 Tests for leakage concentration of flammable refrigerants
		15	Internal wire	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 23	
		16	Components	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 24	
		17	Supply connection and external flexible cords	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 25	
		18	Terminals for external conductors	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 26	
		19	Provision for earthing	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 27	
		20	Screws and	Household and similar electrical appliances-Safety-Part2-89:Particular	

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		№	Item/ Parameter		
			connections	requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 28	
		21	Creepage distances, clearances and distance through insulation	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 29	
		22	Resistance to heat and fire	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 30	
		23	Resistance to rusting	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 31	
		24	Annex AA	Household and similar electrical appliances-Safety-Part2-89:Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor GB 4706.102-2010, IEC 60335-2-89 :2010+A1:2012+A2:2015,EN 60335-2-89 :2010+A1: 2016 Annex AA	
6	Household refrigerating appliances	1	Determination of linear dimensions, volumes and areas	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 7	Except for 3-phases appliance
				Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume IEC 62552-3:2015, AS/NZS IEC 62552.3:2018, MS IEC 62552-3:2016, NIS IEC 62552-3:2015 4, Annex H	Except for 3-phases appliance
				Performance of household electrical appliances—Refrigerating appliancesPart 1: Energy consumption and performance AS/NZS 4474.1:	Except for 3-phases



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		№	Item/ Parameter		
				2007+A1:2008+A2:2011 2.6	appliance
				Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015	
		2	Storage temperatures test	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 13	Except for 3-pahses appliance
				Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements IEC 62552-2:2015, AS/NZS IEC 62552.2:2018, MS IEC 62552-2:2016, NIS IEC 62552-2:2015 6	Except for 3-pahses appliance
				Performance of household electrical appliances—Refrigerating appliancesPart 1: Energy consumption and performance AS/NZS 4474.1:2007+A1:2008+A2:2011 2.15	Except for 3-pahses appliance
				Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015	
		3	Water vapour condensation test	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 14	Except for 3-pahses appliance
				Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements IEC 62552-2:2015, AS/NZS IEC 62552.2:2018, MS IEC 62552-2:2016, NIS IEC 62552-2:2015 Annex D	Except for 3-pahses appliance
				Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018,	



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				MS IEC 62552-1:2016, NIS IEC 62552-1:2015	
		4	Energy consumption test	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 15	Except for 3-phases appliance
	Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume IEC 62552-3:2015, AS/NZS IEC 62552.3:2018, MS IEC 62552-3:2016, NIS IEC 62552-3:2015 5、6、Annex A、 Annex C			Except for 3-phases appliance	
	Performance of household electrical appliances—Refrigerating appliancesPart 1: Energy consumption and performance AS/NZS 4474.1: 2007+A1:2008+A2:2011 2.16、 2.17、 2.18			Except for 3-phases appliance	
	Performance of household electrical appliances - Refrigerating appliances Part 2: Energy labelling and minimum energy performance standard requirement AS/NZS 4474.2: 2009+A1:2011+A2: 2014			Except for 3-phases appliance	
	Performance of household electrical appliances — Refrigeration appliances Part 1: Energy consumption and performance KS 2464-1:2013 4.16、 4.22、 5.7、 Annex K			Except for 3-phases appliance	
	Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015				
		5	Temperature rise test	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 16	Except for 3-phases appliance



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements IEC 62552-2:2015, AS/NZS IEC 62552.2:2018, MS IEC 62552-2:2016, NIS IEC 62552-2:2015 Annex C	Except for 3-phases appliance
				Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015	
		6	Freezing test	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 17	Except for 3-phases appliance
				Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements IEC 62552-2:2015, AS/NZS IEC 62552.2:2018, MS IEC 62552-2:2016, NIS IEC 62552-2:2015 8	Except for 3-phases appliance
				Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015	
		7	Automatic ice-making capacity test	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 18	Except for 3-phases appliance
				Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements IEC 62552-2:2015, AS/NZS IEC 62552.2:2018, MS IEC 62552-2:2016, NIS IEC 62552-2:2015 9	Except for 3-phases appliance
				Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015	



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№	Test Object	Item/Parameter		Standard or Method	Note	
		№	Item/ Parameter			
				Performance of household electrical appliances—Refrigerating appliancesPart 1: Energy consumption and performance AS/NZS 4474.1:2007+A1:2008+A2:2011 2.14	Except for 3-phases appliance	
				Performance of household electrical appliances — Refrigeration appliances Part 1: Energy consumption and performance KS 2464-1:2013 4.14、 5.5、 Annex I	Except for 3-phases appliance	
		8	Temperature fluctuation in wine storage compartments	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 13	Except for 3-phases appliance	
		9	Internal relative humidity test in wine storage compartment	Household refrigerating appliances-Characteristics and test methods IEC 62552:2007 ed1.0+ correct1:2008,EN 62552:2013,SANS 62552:2008 + A1:2010 + A2:2015,SANS 1691:2015,GS IEC 62552:2007,MS IEC 62552:2011,UAE.S IEC 62552:2013,PNS IEC 62552:2012,SI 62552:2014,TCVN 7829:2013, TCVN 7828:2013 13	Except for 3-phases appliance	
		10	Pull down test		Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements IEC 62552-2:2015, AS/NZS IEC 62552.2:2018, MS IEC 62552-2:2016, NIS IEC 62552-2:2015 Annex A	Except for 3-phases appliance
					Performance of household electrical appliances—Refrigerating appliancesPart 1: Energy consumption and performance AS/NZS 4474.1:2007+A1:2008+A2:2011 2.12、 2.11	Except for 3-phases appliance
					Performance of household electrical appliances — Refrigeration appliances Part 1: Energy consumption and performance KS 2464-1:2013 4.12、 5.4、 Annex F、 Annex G	Except for 3-phases appliance
					Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements IEC 62552-1:2015, AS/NZS IEC 62552.1:2018, MS IEC 62552-1:2016, NIS IEC 62552-1:2015	Except for 3-phases appliance



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		11	valid volumes	Performance of household electrical appliances - Refrigerating appliances Part 2: Energy labelling and minimum energy performance standard requirement AS/NZS 4474.2: 2009+A1:2011+A2: 2014	Except for 3-phases appliance
		12	determination of storage shelf area	Performance of household electrical appliances — Refrigeration appliances Part 1: Energy consumption and performance KS 2464-1:2013 4.5、5.2、Annex A	Except for 3-phases appliance
		13	determination of Gross and storage volumes	Performance of household electrical appliances — Refrigeration appliances Part 1: Energy consumption and performance KS 2464-1:2013 4.6、5.3、Annex A	Except for 3-phases appliance
		14	Operation temperature test	Performance of household electrical appliances — Refrigeration appliances Part 1: Energy consumption and performance KS 2464-1:2013 5.6、Annex J	Except for 3-phases appliance
		15	seal face perimeter length	Performance of household electrical appliances — Refrigerating appliances Part 2: Minimum energy performance standard requirements KS 2464-2:2013 Annex A	Except for 3-phases appliance
7	Household refrigerator	1	Volume and Shelf area measurement	Energy performance and capacity and Labeling of household refrigerators, Refrigerator-freezers, and freezers SASO 2664:2013 4	Except for 3-phases appliance
		2	Energy consumption test	Energy performance and capacity and Labeling of household refrigerators, Refrigerator-freezers, and freezers SASO 2664:2013 6	Except for 3-phases appliance
8	household washing machine	1	Washing Efficiency Index	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 8.3	Except for 3-phases appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 8.3	Except for 3-phases appliance
				Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex D	Except for 3-phases appliance

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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
				Energy labelling requirements of Household electrical clothes washingMachines Energy labeling requirements SASO 2692/2013 Annex D	Except for 3-pahses appliance
		2	Rinse performance	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 8.5	Except for 3-pahses appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 8.5	Except for 3-pahses appliance
				Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex N	Except for 3-pahses appliance
		3	Remaining moisture content	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 8.4	Except for 3-pahses appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2011, MS IEC 60456:2012 8.4	Except for 3-pahses appliance
				Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex F	Except for 3-pahses appliance
				Energy labelling requirements of Household electrical clothes washingMachines Energy labeling requirements SASO 2692/2013 Annex F	Except for 3-pahses appliance
		4	Spin speed	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 8.4.3	Except for 3-pahses appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 8.4.3	Except for 3-pahses appliance



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		5	energyconsumption	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 8.6	Except for 3-pahses appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 8.6	Except for 3-pahses appliance
				Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex E	Except for 3-pahses appliance
				Energy labelling requirements of Household electrical clothes washingMachines Energy labeling requirements SASO 2692/2013 Annex E	Except for 3-pahses appliance
		6	Water consumption	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 8.6	Except for 3-pahses appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 8.6	Except for 3-pahses appliance
				Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex E	Except for 3-pahses appliance
				Energy labelling requirements of Household electrical clothes washingMachines Energy labeling requirements SASO 2692/2013 Annex E	Except for 3-pahses appliance
		7	Power (left-on mode stable)	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 Annex ZA 4.9	Except for 3-pahses appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 Annex L	Except for 3-pahses appliance



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		8	Power (off mode)	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 Annex ZA 4.9	Except for 3-phases appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 9.5	Except for 3-phases appliance
				Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex E	Except for 3-phases appliance
		9	Programme time	Clothes washing machines for household use - Methods for measuring the performance EN 60456:2016,SANS 1695-2016 9.5	Except for 3-phases appliance
				Clothes washing machines for household use - Methods for measuring the performance IEC 60456:2010 ed5.0,UAE.S IEC 60456-2010, MS IEC 60456:2012 Annex L	Except for 3-phases appliance
		10	Evenness degree of washing	Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex D	Except for 3-phases appliance
				Energy labelling requirements of Household electrical clothes washingMachines Energy labeling requirements SASO 2692/2013 Annex D	Except for 3-phases appliance
		11	Severity of washing index	Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex G	Except for 3-phases appliance
				Energy labelling requirements of Household electrical clothes washingMachines Energy labeling requirements SASO 2692/2013 Annex G	Except for 3-phases appliance
		12	power(standby mode)	Performance of household electrical appliances—Clothes washing machines Part 1: Methods for measuring performance, energy and water consumption AS/NZS 2040.1:2005 +A2:2009+A3:2010 Annex E	Except for 3-phases appliance



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		13	Energy efficiency index assessment	Performance of household electrical appliances—Clothes washing machines Part 2: Energy efficiency labelling requirements AS/NZS 2040.2:2005+A1:2012 2.7	Except for 3-phases appliance
		14	annual energy consumption	Performance of household electrical appliances—Clothes washing machines Part 2: Energy efficiency labelling requirements AS/NZS 2040.2:2005+A1:2012 2.3	Except for 3-phases appliance
		15	Water efficiency index calculations	Water consumption efficiency requirements for clothes washing machines - rating and labelling machines SASO 2772/2016 4.5	Except for 3-phases appliance
9	Electric clothes washer-dryers for household use	1	Washing Efficiency Index	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229:2015 9	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance
		2	Rinse performance	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance
		3	Spin performance	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229:2015 9	Except for 3-phases appliance
Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance				



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		4	Spin speed	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229:2015 9	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance
		5	energyconsumption	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229:2015 9	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance
		6	Water consumption	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229:2015 9	Except for 3-phases appliance
				Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance
		7	Programme time	Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance



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№	Test Object	Item/Parameter		Standard or Method	Note						
		№	Item/ Parameter								
		8	Final moisture content	Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229:2015 9	Except for 3-phases appliance						
				Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance						
				Electric clothes washer-dryers for household use - Methods for measuring the performance IEC 62512:2012 8	Except for 3-phases appliance						
				Electric clothes washer-dryers for household use - Methods for measuring the performance EN 50229-2015 9	Except for 3-phases appliance						
				Electric clothes washer-dryers for household use - Methods for measuring the performance SANS 50229-2010 9	Except for 3-phases appliance						
10	Tumble dryers for household use	1	Programme time	Tumble dryers for household use - Methods formeasuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 8.3	Except for 3-phases appliance						
				2	energyconsumption	Tumble dryers for household use - Methods formeasuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 8.3	Except for 3-phases appliance				
						3	Water consumption	Tumble dryers for household use - Methods formeasuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 8.3	Except for 3-phases appliance		
								4	condensation efficiency	Tumble dryers for household use - Methods formeasuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 8.4	Except for 3-phases appliance
										5	Drying Uniformity



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№	Test Object	Item/Parameter		Standard or Method	Note
		№	Item/ Parameter		
		6	Final moisture content	Tumble dryers for household use - Methods for measuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 9.2	Except for 3-phases appliance
		7	Power (left-on mode stable)	Tumble dryers for household use - Methods for measuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 Annex ZA	Except for 3-phases appliance
		8	Power (off mode)	Tumble dryers for household use - Methods for measuring the performance IEC 61121:2012,EN 61121:2013,SANS 61121:2015 Annex ZA	Except for 3-phases appliance
11	Electrical and electronic household and office equipment	1	Power (Standby mode)	Electrical and electronic household and office equipment - Measurement of low power consumption EN 50564:2011,IEC 62301:2011 5	Except for 3-phases appliance
		2	Power (off mode)	Electrical and electronic household and office equipment - Measurement of low power consumption EN 50564:2011,IEC 62301:2011 5	Except for 3-phases appliance



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