



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Central Address: KOZYATAĞI MAH. SANİYE ERMUTLU SK. TÜVRHEINLAND NO:12 /1/2 KADIKÖY İstanbul / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0342-T

Accreditation Date : 13.07.2010

Revision Date / Number : 24.10.2024 / 17


This certificate shall remain in force until **10.03.2027**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General




Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.


This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 <p>Türk TS EN ISO/IEC 17025 AB-0342-T</p>	TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ	
	Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024	
Testing Laboratory		
Address : KOZYATAĞI MAH. SANİYE ERMUTLU SK. TÜVRHEINLAND NO:12 /1/2 KADIKÖY İstanbul / Türkiye	Phone : +90 216 665 3200 Fax : +90 216 665 3290 Email : gulsum.buyuklu@tr.tuv.com Website :	


Electrical, Electronic and IT Products and Devices		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Household and similar electrical appliances	Household and similar electrical appliances - Safety - Part 1: General requirements	IEC 60335-1 DIN EN 60335-1 EN 60335-1 Exclusions: - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Vacuum cleaners and water-suction cleaning appliances	Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	IEC 60335-2-2 DIN EN 60335-2-2 EN 60335-2-2 Exclusions: - Clause 19.11.4 - Clause 21.101 - Clause 21.102 - Clause 21.103 - Clause 21.104 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Electric irons	Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons	IEC 60335-2-3 DIN EN 60335-2-3 EN 60335-2-3 Exclusions: - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Spin extractors	Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors	IEC 60335-2-4 DIN EN 60335-2-4 EN 60335-2-4 Exclusion: - Clause 19.11.4 - Clause 21.101 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Dishwashers	Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dish washers	IEC 60335-2-5 DIN EN 60335-2-5 EN 60335-2-5 Exclusion: - Clause 19.11.4 - Clause 22.32 - Clause 22.103 - Annex-F - Annex-J - Annex-R


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Household and similar electrical appliances - Stationary cooking ranges, hobs, ovens and similar appliances	Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances	IEC 60335-2-6 DIN EN 60335-2-6 EN 60335-2-6 Exclusions : - Clause 19.11.4 - Clause 22.32 - Clause 32.101 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Washing machines	Household and similar electrical appliances - Part 2-7: Particular requirements for washing machines	IEC 60335-2-7 DIN EN 60335-2-7 EN 60335-2-7 Exclusions: - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Shavers, hair clippers and similar appliances	Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	IEC 60335-2-8 DIN EN 60335-2-8 EN 60335-2-8 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Grills, toasters and similar portable cooking appliances	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2-9 DIN EN 60335-2-9 EN 60335-2-9 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Floor treatment machines and wet scrubbing machines	Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines	IEC 60335-2-10 DIN EN 60335-2-10 EN 60335-2-10 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Tumble dryers	Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers	IEC 60335-2-11 DIN EN 60335-2-11 EN 60335-2-11 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R

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Household and similar electrical appliances - Warming plates and similar appliances	Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances	IEC 60335-2-12 DIN EN 60335-2-12 EN 60335-2-12 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Deep fat fryers, frying pans and similar appliances	Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances	IEC 60335-2-13 DIN EN 60335-2-13 EN 60335-2-13 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Kitchen machines	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines	IEC 60335-2-14 DIN EN 60335-2-14 EN 60335-2-14 Exclusions : - Clause 19.11.4 - Clause 22.32 - Clause 25.7 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Heating liquids	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids	IEC 60335-2-15 DIN EN 60335-2-15 EN 60335-2-15 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Storage water heaters	Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters	IEC 60335-2-21 DIN EN 60335-2-21 EN 60335-2-21 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Appliances for skin or hair care Exclusions -Helmet-type hair dryers -Heaters for detachable curlers	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care	IEC 60335-2-23 DIN EN 60335-2-23 EN 60335-2-23 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R


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Household and similar electrical appliances - Refrigerating appliances, ice-cream appliances and ice makers	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24 DIN EN 60335-2-24 EN 60335-2-24 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Clocks	Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks	IEC 60335-2-26 DIN EN 60335-2-26 EN 60335-2-26 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Sewing machines	Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines	IEC 60335-2-28 DIN EN 60335-2-28 EN 60335-2-28 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Battery chargers	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers	IEC 60335-2-29 DIN EN 60335-2-29 EN 60335-2-29 Exclusions : - Clause 19.11.4 - Clause 21.102 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Room heaters	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters	IEC 60335-2-30 DIN EN 60335-2-30 EN 60335-2-30 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Range hoods and other cooking fume extractors	Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors	IEC 60335-2-31 DIN EN 60335-2-31 EN 60335-2-31 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R


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Household and similar electrical appliances - Motor-compressors	Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors	IEC 60335-2-34 DIN EN 60335-2-34 EN 60335-2-34 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Instantaneous water heaters	Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters	IEC 60335-2-35 DIN EN 60335-2-35 EN 60335-2-35 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric doughnut fryers and deep fat fryers	Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers	IEC 60335-2-37 DIN EN 60335-2-37 EN 60335-2-37 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric griddles and griddle grills	Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills	IEC 60335-2-38 DIN EN 60335-2-38 EN 60335-2-38 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Pumps	Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps	IEC 60335-2-41 DIN EN 60335-2-41 EN 60335-2-41 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric forced convection ovens, steam cookers and steam-convection ovens	Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens	IEC 60335-2-42 DIN EN 60335-2-42 EN 60335-2-42 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Clothes dryers and towel rails	Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails	IEC 60335-2-43 DIN EN 60335-2-43 EN 60335-2-43 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R

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Household and similar electrical appliances - Ironers	Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers	IEC 60335-2-44 DIN EN 60335-2-44 EN 60335-2-44 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Portable heating tools and similar appliances	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances	IEC 60335-2-45 DIN EN 60335-2-45 EN 60335-2-45 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric boiling pans	Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans	IEC 60335-2-47 DIN EN 60335-2-47 EN 60335-2-47 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric appliances for keeping food and crockery warm	Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm	IEC 60335-2-49 DIN EN 60335-2-49 EN 60335-2-49 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric bains-marie	Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie	IEC 60335-2-50 DIN EN 60335-2-50 EN 60335-2-50 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Stationary circulation pumps for heating and service water installations	Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	IEC 60335-2-51 DIN EN 60335-2-51 EN 60335-2-51 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R


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Household and similar electrical appliances - Requirements for surface-cleaning appliances for household use employing liquids or steam	Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	IEC 60335-2-54 DIN EN 60335-2-54 EN 60335-2-54 Exclusions : - Clause 19.11.4 - Clause 21.101 - Clause 21.102 - Clause 21.103 - Clause 21.104 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Oral hygiene appliances	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances	IEC 60335-2-52 DIN EN 60335-2-52 EN 60335-2-52 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Commercial electric dishwashing machines Exclusions - Brush Machines	Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines	IEC 60335-2-58 EN 60335-2-58 DIN EN 60335-2-58 Exclusions : - Clause 19.11.4 - Clause 22.32 - Clause 22.106 - Annex-F - Annex-J - Annex-R - Annex BB - Annex CC
Household and similar electrical appliances- Tumble dryers	Electrical Clothes Dryers - Energy Performance Requirements and Labelling	SASO 2883
Household and similar electrical appliances - Thermal storage room heaters	Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal-storage heaters	IEC 60335-2-61 DIN EN 60335-2-61 EN 60335-2-61 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household refrigerating appliances	Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements	IEC 62552-1
Household and similar electrical appliances - Commercial electric rinsing sinks	Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks	IEC 60335-2-62 DIN EN 60335-2-62 EN 60335-2-62 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R

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Household refrigerating appliances	Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements	IEC 62552-2
Household and similar electrical appliances - Commercial electric kitchen machines	Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines	IEC 60335-2-64 DIN EN 60335-2-64 EN 60335-2-64 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household refrigerating appliances	Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume	IEC 62552-3
Household and similar electrical appliances - Spray extraction machines, for commercial use	Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines, for commercial use	IEC 60335-2-68 EN 60335-2-68 DIN EN 60335-2-68 Exclusions : - Clause 19.11.4 - Clause 21.102 - Clause 21.103 - Clause 21.104 - Clause 21.105 - Clause 22.32 - Clause 22.35 - Annex-F - Annex-J - Annex-R
Household Refrigerators, Refrigerator-Freezers and Freezers	Refrigerators, Refrigerator- Freezers and Freezers -Energy Performance, Testing and Labelling Requirements	SASO 2892
Household and similar electrical appliances - Wet and dry vacuum cleaners, including power brush, for commercial use	Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use	IEC 60335-2-69 EN 60335-2-69 DIN EN 60335-2-69 Exclusions : - Clause 19.11.4 - Clause 21.102 - Clause 21.103 - Clause 21.104 - Clause 21.105 - Clause 22.32 - Clause 22.35 - Annex-F - Annex-J - Annex-R
Electric irons for household or similar use	Electric irons for household or similar use - Methods for measuring performance	IEC 60311 DIN EN 60311 EN 60311
Household and similar electrical appliances - Portable immersion heaters	Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters	IEC 60335-2-74 DIN EN 60335-2-74 EN 60335-2-74 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R


 <p>TÜRKAK</p> <p>Test TS EN ISO/IEC 17025 AB-0342-T</p>	TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ	
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Heaters	Methods for measuring performance	2015/1188 (EU) Regulation 2009/125 (EC) Directive
Household and similar electrical appliances - Commercial dispensing appliances and vending machines	Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines	IEC 60335-2-75 DIN EN 60335-2-75 EN 60335-2-75 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex AA - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Outdoor barbecues	Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues	IEC 60335-2-78 DIN EN 60335-2-78 EN 60335-2-78 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - High pressure cleaners and steam cleaners	Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners	IEC 60335-2-79 DIN EN 60335-2-79 EN 60335-2-79 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Power transformers, power supplies, reactors and similar products,	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes	IEC 61558-2-8 DIN EN 61558-2-8 EN 61558-2-8 Exclusions: - Clause 14.3.2 - Clause 19.9
Household and similar electrical appliances - Fans	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans	IEC 60335-2-80 DIN EN 60335-2-80 EN 60335-2-80 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Surface cleaning appliances for household use Exclusions : - Battery-operated dry vacuum cleaners	Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use-Methods for measuring the performance (The performance tests only required by 665/2013 and 666/2013 numbered directives)	IEC 62885-2
Household and similar electrical appliances - Fabric steamers	Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers	IEC 60335-2-85 DIN EN 60335-2-85 EN 60335-2-85 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R

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ERP	Household electrical appliances - Measurement of standby power	IEC 62301 EN 62301
Household and similar electrical appliances - Commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor	Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor	IEC 60335-2-89 DIN EN 60335-2-89 EN 60335-2-89 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Luminaires	Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires	IEC TR 62778
Household and similar electrical appliances - Humidifiers	Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers	IEC 60335-2-98 DIN EN 60335-2-98 EN 60335-2-98 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Gas, oil and solid-fuel burning appliances having electrical connections	Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections	IEC 60335-2-102 DIN EN 60335-2-102 EN 60335-2-102 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household and similar electrical appliances - Multifunctional shower cabinets	Household and similar electrical appliances - Safety - Part 2-105: Particular requirements for multifunction shower cabinets	IEC 60335-2-105 DIN EN 60335-2-105 EN 60335-2-105 Exclusions : - Clause 19.11.4 - Clause 22.32 - Annex-F - Annex-J - Annex-R
Household electric cooking appliances - Ranges, ovens, steam ovens and grills	Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance	IEC 60350-1 DIN EN 60350-1 EN 60350-1 SANS 60350-1
Household electric cooking appliances - Hobs	Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance	IEC 60350-2 DIN EN 60350-2 EN 60350-2 SANS 60350-2
Household and similar electrical appliances- Tumble dryers	Tumble dryers for household use - Methods for measuring the performance	IEC 61121 DIN EN 61121 EN 61121 SANS 61121

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Address : KOZYATAĞI MAH. SANİYE ERMUTLU SK. TÜVRHEINLAND NO:12 /1/2 KADIKÖY İstanbul / Türkiye		Phone : +90 216 665 3200 Fax : +90 216 665 3290 Email : gulsum.buyuklu@tr.tuv.com Website :
Household refrigerating appliances	Household refrigerating appliances - Characteristics and test methods	IEC 62552 (The standard was withdrawn in 2015. It is included in the scope of accreditation for a temporary period in the request of the laboratory.) DIN EN 62552 EN 62552 SANS 62552
Household appliances and similar apparatus	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure	IEC 62233 EN 62233 DIN EN 62233
Electronic apparatus	Degrees of protection provided by enclosures (IP code) (at electrical components)	IEC 60529 DIN EN 60529 EN 60529 Exclusions : - IPX9 tests
Electronic apparatus	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	IEC 62262 EN 62262
Electric toys	Electric toys - Safety	IEC 62115 EN 62115 DIN EN 62115 Exclusions : -A11 Clause 20 -A11 Annex E -A11 Annex ZB
Lamp controlgear	Lamp controlgear - Part 1: General and safety requirements	IEC 61347-1 EN 61347-1 DIN EN 61347-1
Lamp controlgear	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	IEC 61347-2-13 EN 61347-2-13 DIN EN 61347-2-13
Lamp controlgear	Lamp controlgear - Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)	IEC 61347-2-7 EN 61347-2-7 DIN EN 61347-2-7
Power transformers, power supplies, reactors and similar products	Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests	IEC 61558-1 DIN EN 61558-1 EN 61558-1 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of power transformers, power supplies, reactors and similar products - Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications	IEC 61558-2-1 DIN EN 61558-2-1 EN 61558-2-1 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of power transformers, power supplies, reactors and similar products - Part 2-2: Particular requirements and tests for control transformers and power supplies incorporating control transformers	IEC 61558-2-2 DIN EN 61558-2-2 EN 61558-2-2 Exclusions: - Clause 14.3.2 - Clause 19.9

 TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ		
Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
Testing Laboratory		
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Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers	IEC 61558-2-4 DIN EN 61558-2-4 EN 61558-2-4 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	IEC 61558-2-6 DIN EN 61558-2-6 EN 61558-2-6 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of power transformers, power supplies, reactors and similar products - Part 2-7: Particular requirements and tests for transformers and power supplies for toys	IEC 61558-2-7 DIN EN 61558-2-7 EN 61558-2-7 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps for tungsten filament lamps	IEC 61558-2-9 DIN EN 61558-2-9 EN 61558-2-9 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and combination thereof - Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage	IEC 61558-2-12 DIN EN 61558-2-12 EN 61558-2-12 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers	IEC 61558-2-13 DIN EN 61558-2-13 EN 61558-2-13 Exclusions: - Clause 14.3.2 - Clause 19.9
Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units	IEC 61558-2-16 DIN EN 61558-2-16 EN 61558-2-16 Exclusions: - Clause 14.3.2 - Clause 19.9 - Clause 18.102 - Annex K
Power transformers, power supplies, reactors and similar products	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-20: Particular requirements and tests for small reactors	IEC 61558-2-20 DIN EN 61558-2-20 EN 61558-2-20 Exclusions: - Clause 14.3.2 - Clause 19.9
Vacuum cleaners for household use Exclusions : - Battery-operated dry vacuum cleaners	Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance (The performance tests only required by 665/2013 and 666/2013 numbered directives)	IEC 60312-1 (The standard was withdrawn in 2016. It is included in the scope of accreditation for a temporary period in the request of the laboratory.) EN 60312-1 DIN EN 60312-1


Accreditation Scope

 TÜRKAK  <small>Test</small> <small>TS EN ISO/IEC 17025</small> <small>AB-0342-T</small>	TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ	
	<small>Accreditation Nr: AB-0342-T</small> <small>Revision Nr: 17 Date: 24.10.2024</small>	
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<small>Address :</small> <small>KOZYATAĞI MAH. SANIYE ERMUTLU SK. TÜVRHEINLAND NO:12 /1/2</small> <small>KADIKÖY İstanbul / Türkiye</small>		<small>Phone :</small> +90 216 665 3200 <small>Fax :</small> +90 216 665 3290 <small>Email :</small> gulsum.buyuklu@tr.tuv.com <small>Website :</small>
ERP	Electrical and electronic household and office equipment. Measurement of low power consumption	EN 50564 DIN EN 50564
Luminaires	Luminaires - Part 1: General requirements and tests	IEC 60598-1 DIN EN 60598-1 EN 60598-1 Excluded clauses: 4.20 Heavy Service Armatures 9.2.10 and 9.2.11: IP X9 Test
Luminaires	Luminaires. Part 2: Particular requirements. Section One: Fixed general purpose luminaires	IEC 60598-2-1 DIN EN 60598-2-1 EN 60598-2-1 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-2: Particular requirements - Recessed luminaires	IEC 60598-2-2 DIN EN 60598-2-2 EN 60598-2-2 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting	IEC 60598-2-3 DIN EN 60598-2-3 EN 60598-2-3 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires	IEC 60598-2-4 DIN EN 60598-2-4 EN 60598-2-4 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-5: Particular requirements - Floodlights	IEC 60598-2-5 DIN EN 60598-2-5 EN 60598-2-5 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-11: Particular requirements - Aquarium luminaires	IEC 60598-2-11 DIN EN 60598-2-11 EN 60598-2-11 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-12: Particular requirements - Mains socket-outlet mounted nightlights	IEC 60598-2-12 DIN EN 60598-2-12 EN 60598-2-12 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-13: Particular requirements - Ground recessed luminaires	IEC 60598-2-13 DIN EN 60598-2-13 EN 60598-2-13 Excluded clauses at TS EN IEC 60598-1 are out of scope

Accreditation Scope

 TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ		
Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
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Luminaires	Luminaires. Part 2: Particular requirements. Section Seven: Portable luminaires for garden use	EN 60598-2-7 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting	IEC 60598-2-22 DIN EN 60598-2-22 EN 60598-2-22 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	Luminaires - Part 2: Particular requirements - Section 25: Luminaires for use in clinical areas of hospitals and health care buildings	IEC 60598-2-25 DIN EN 60598-2-25 EN 60598-2-25 Excluded clauses at TS EN IEC 60598-1 are out of scope
Luminaires	LED modules for general lighting - Safety specifications	IEC 62031 DIN EN 62031 EN 62031
Luminaires	Photobiological safety of lamps and lamp systems	IEC 62471 DIN EN 62471 EN 62471
Audio/video, information and communication technology equipment	Audio/video, information and communication technology equipment - Part 1: Safety requirements	IEC 62368-1 DIN EN IEC 62368-1 EN 62368-1 EN IEC 62368-1 Exclusions : - Clause 9.6 - Clause 10.3 - Clause 10.5 - Clause 10.6 - Annex C - Annex J - Annex R - Annex Y - Annex U
Refrigerated display cabinets	Refrigerated display cabinets - Part 2: Classification, requirements and test conditions	ISO 23953-2 ISO 23953-1 (vocabulary)
Household refrigerating appliances	Household refrigerating appliances - Energy labelling and minimum energy performance standards requirements	AS/NZS 4474
Refrigerated storage cabinets and counters for professional use	Refrigerated storage cabinets and counters for professional use - Classification, requirements and test conditions	TS EN 16825 EN 16825
Ice-cream freezers	Ice-cream freezers - Classification, requirements and test conditions	TS EN 16901 EN 16901
: Commercial beverage coolers	Commercial beverage coolers - Classification, requirements and test conditions	TS EN 16902 EN 16902
Refrigerated storage cabinets and counters for professional use	Refrigerated storage cabinets and counters for professional use - Performance and energy consumptio	ISO 22041 TS EN ISO 22041
Refrigerated storage cabinets and counters for professional use	Blast chiller and freezer cabinets for professional use - Classification, requirements and test conditions	ISO 22042 TSE EN ISO 22042

Accreditation Scope

 TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ		
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Household refrigerating appliances	Performance of household electrical appliances- Refrigerating Performance of household electrical appliances - Refrigerating appliances Part 2: Performance and power consumption	KS 2464-1
Household refrigerating appliances	Performance of household electrical appliances- Refrigerating Performance of household electrical appliances - Refrigerating appliances Part 2: Minimum energy performance standard requirements	KS 2464-2
Audio, video, and related equipment	Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media	TS EN 62087-2 EN 62087-2 IEC 62087-2
Electrical equipment of machines	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	IEC 60204-1 EN 60204-1 DIN EN 60204-1
Insulating Materials	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	IEC 60112 EN IEC 60112 DIN EN IEC 60112
Final Product	Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (GWEPT)	IEC 60695-2-11 EN IEC 60695-2-11 DIN EN IEC 60695-2-11
Final Product	Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials	IEC 60695-2-12 EN IEC 60695-2-12 DIN EN IEC 60695-2-12
Final Product	Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials	IEC 60695-2-13 EN IEC 60695-2-13 DIN EN IEC 60695-2-13
Final Product	Fire hazard testing - Part 10-2: Abnormal heat - Ball pressure test method	DIN EN 60695-10-2 EN 60695-10-2 IEC 60695-10-2
Final Product	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	DIN EN 60695-11-5 EN 60695-11-5 IEC 60695-11-5
Final product	Fire hazard testing - Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	DIN EN 60695-11-10 EN 60695-11-10 IEC 60695-11-10
Electrical Equipment for Measurement, Control, and Laboratory Use	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements	DIN EN 61010-1 EN 61010-1 IEC 61010-1 Clause 12 excluded Clause 13.2.3 excluded
Electrical Equipment for Measurement, Control, and Laboratory Use	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials	IEC 61010-2-010 EN IEC 61010-2-010 DIN EN IEC 61010-2-010 Clause 12 excluded Clause 13.2.3 excluded
Electrical Equipment for Measurement, Control, and Laboratory Use	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for refrigerating equipment	IEC 61010-2-011 EN IEC 61010-2-011 DIN EN IEC 61010-2-011 Clause 12 excluded Clause 13.2.3 excluded



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Toys, Child Care Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Toys	Requirements for Material Cleanliness	EN 71-1+A1 Section 4.1 DIN EN 71-1+A1 Section 4.1 TS EN 71-1+A1 Section 4.1 BS EN 71-1+A1 Section 4.1
Toys	Requirements for Assembly	EN 71-1+A1 Section 4.2 DIN EN 71-1+A1 Section 4.2 TS EN 71-1+A1 Section 4.2 BS EN 71-1+A1 Section 4.2
Toys	Requirements for Flexible Plastic Sheeting	EN 71-1+A1 Section 4.3 DIN EN 71-1+A1 Section 4.3 TS EN 71-1+A1 Section 4.3 BS EN 71-1+A1 Section 4.3
Toys	Requirements for Toy Bags	EN 71-1+A1 Section 4.4 DIN EN 71-1+A1 Section 4.4 TS EN 71-1+A1 Section 4.4 BS EN 71-1+A1 Section 4.4
Toys	Requirements for Glass	EN 71-1+A1 Section 4.5 DIN EN 71-1+A1 Section 4.5 TS EN 71-1+A1 Section 4.5 BS EN 71-1+A1 Section 4.5
Toys	Requirements for Expanding Materials	EN 71-1+A1 Section 4.6 DIN EN 71-1+A1 Section 4.6 TS EN 71-1+A1 Section 4.6 BS EN 71-1+A1 Section 4.6
Toys	Sharpness of Edges	EN 71-1+A1 Section 4.7 DIN EN 71-1+A1 Section 4.7 TS EN 71-1+A1 Section 4.7 BS EN 71-1+A1 Section 4.7
Toys	Requirements for Parts Moving against Each Other	EN 71-1+A1 Section 4.10 DIN EN 71-1+A1 Section 4.10 TS EN 71-1+A1 Section 4.10 BS EN 71-1+A1 Section 4.10
Toys	Requirements for Points and Metallic Wires	EN 71-1+A1 Section 4.8 DIN EN 71-1+A1 Section 4.8 TS EN 71-1+A1 Section 4.8 BS EN 71-1+A1 Section 4.8
Toys	Requirements for Protruding Parts	EN 71-1+A1 Section 4.9 DIN EN 71-1+A1 Section 4.9 TS EN 71-1+A1 Section 4.9 BS EN 71-1+A1 Section 4.9
Toys	Requirements for Hinges	EN 71-1+A1 Section 4.10.3 DIN EN 71-1+A1 Section 4.10.3 TS EN 71-1+A1 Section 4.10.3 BS EN 71-1+A1 Section 4.10.3



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Toys	Requirements for Folding and Sliding Mechanisms	EN 71-1+A1 Section 4.10.1 DIN EN 71-1+A1 Section 4.10.1 TS EN 71-1+A1 Section 4.10.1 BS EN 71-1+A1 Section 4.10.1
Toys	Requirements for Driving mechanisms	EN 71-1+A1 Section 4.10.2 DIN EN 71-1+A1 Section 4.10.2 TS EN 71-1+A1 Section 4.10.2 BS EN 71-1+A1 Section 4.10.2
Toys	Requirements for Springs	EN 71-1+A1 Section 4.10.4 DIN EN 71-1+A1 Section 4.10.4 TS EN 71-1+A1 Section 4.10.4 BS EN 71-1+A1 Section 4.10.4
Toys	Requirements for Balloons	EN 71-1+A1 Section 4.12 DIN EN 71-1+A1 Section 4.12 TS EN 71-1+A1 Section 4.12 BS EN 71-1+A1 Section 4.12
Toys	Requirements for Cords of Toy Kites and Other Flying Toys	EN 71-1+A1 Section 4.13 DIN EN 71-1+A1 Section 4.13 TS EN 71-1+A1 Section 4.13 BS EN 71-1+A1 Section 4.13
Toys	Requirements for Masks and Helmets	EN 71-1+A1 Section 4.14.2 DIN EN 71-1+A1 Section 4.14.2 TS EN 71-1+A1 Section 4.14.2 BS EN 71-1+A1 Section 4.14.2
Toys	Requirements for Enclosures	EN 71-1+A1 Section 4.14 DIN EN 71-1+A1 Section 4.14 TS EN 71-1+A1 Section 4.14 BS EN 71-1+A1 Section 4.14
Toys	Requirements for Toys Intended to Bear the Mass of a Child	EN 71-1+A1 Section 4.15 DIN EN 71-1+A1 Section 4.15 TS EN 71-1+A1 Section 4.15 BS EN 71-1+A1 Section 4.15
Toys	Requirements for Toys Propelled by a Child or by Other Means	EN 71-1+A1 Section 4.15.1 DIN EN 71-1+A1 Section 4.15.1 TS EN 71-1+A1 Section 4.15.1 BS EN 71-1+A1 Section 4.15.1
Toys	Requirements for Rocking horses and Similar Toys	EN 71-1+A1 Section 4.15.3 DIN EN 71-1+A1 Section 4.15.3 TS EN 71-1+A1 Section 4.15.3 BS EN 71-1+A1 Section 4.15.3
Toys	Requirements for Toys not Propelled by a Child	EN 71-1+A1 Section 4.15.4 DIN EN 71-1+A1 Section 4.15.4 TS EN 71-1+A1 Section 4.15.4 BS EN 71-1+A1 Section 4.15.4
Toys	Requirements for Heavy Immobile Toys	EN 71-1+A1 Section 4.16 DIN EN 71-1+A1 Section 4.16 TS EN 71-1+A1 Section 4.16 BS EN 71-1+A1 Section 4.16
Toys	Requirements for Projectile Toys	EN 71-1+A1 Section 4.17 DIN EN 71-1+A1 Section 4.17 TS EN 71-1+A1 Section 4.17 BS EN 71-1+A1 Section 4.17



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Toys	Requirements for Aquatic Toys and Inflatable Toys	EN 71-1+A1 Section 4.18 DIN EN 71-1+A1 Section 4.18 TS EN 71-1+A1 Section 4.18 BS EN 71-1+A1 Section 4.18 Exclusion : Toys higher than 1.2 meters
Toys	Requirements for Percussion Caps Specifically Designed for Use in Toys and Toys Using Percussion Caps	EN 71-1+A1 Section 4.19 DIN EN 71-1+A1 Section 4.19 TS EN 71-1+A1 Section 4.19 BS EN 71-1+A1 Section 4.19
Toys	Requirements for Small Balls	EN 71-1+A1 Section 4.22 DIN EN 71-1+A1 Section 4.22 TS EN 71-1+A1 Section 4.22 BS EN 71-1+A1 Section 4.22
Toys	Requirements for Toys Attached to Food	EN 71-1+A1 Section 4.25 DIN EN 71-1+A1 Section 4.25 TS EN 71-1+A1 Section 4.25 BS EN 71-1+A1 Section 4.25
Toys	Requirements for Magnets	EN 71-1+A1 Section 4.23 DIN EN 71-1+A1 Section 4.23 TS EN 71-1+A1 Section 4.23 BS EN 71-1+A1 Section 4.23
Toys	General Requirements for Toys Intended for Children Under 36 Months	EN 71-1+A1 Section 5.1 DIN EN 71-1+A1 Section 5.1 TS EN 71-1+A1 Section 5.1 BS EN 71-1+A1 Section 5.1
Toys	Requirements for Soft-Filled Toys and Soft-Filled Parts of a Toy	EN 71-1+A1 Section 5.2 DIN EN 71-1+A1 Section 5.2 TS EN 71-1+A1 Section 5.2 BS EN 71-1+A1 Section 5.2
Toys	Requirements for Plastic Sheeting	EN 71-1+A1 Section 5.3 DIN EN 71-1+A1 Section 5.3 TS EN 71-1+A1 Section 5.3 BS EN 71-1+A1 Section 5.3
Toys	Requirements for Cords, Chains and Electrical Cables in Toys	EN 71-1+A1 Section 5.4 DIN EN 71-1+A1 Section 5.4 TS EN 71-1+A1 Section 5.4 BS EN 71-1+A1 Section 5.4
Toys	Requirements for Liquid-Filled Toys	EN 71-1+A1 Section 5.5 DIN EN 71-1+A1 Section 5.5 TS EN 71-1+A1 Section 5.5 BS EN 71-1+A1 Section 5.5
Toys	Requirements for Glass and Porcelain	EN 71-1+A1 Section 5.7 DIN EN 71-1+A1 Section 5.7 TS EN 71-1+A1 Section 5.7 BS EN 71-1+A1 Section 5.7
Toys	Requirements for Shape and Size of Certain Toys	EN 71-1+A1 Section 5.8 DIN EN 71-1+A1 Section 5.8 TS EN 71-1+A1 Section 5.8 BS EN 71-1+A1 Section 5.8



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Toys	Requirements for Small Balls	EN 71-1+A1 Section 5.10 DIN EN 71-1+A1 Section 5.10 TS EN 71-1+A1 Section 5.10 BS EN 71-1+A1 Section 5.10
Toys	Requirements for Toys Comprising Monofilament Fibres	EN 71-1+A1 Section 5.9 DIN EN 71-1+A1 Section 5.9 TS EN 71-1+A1 Section 5.9 BS EN 71-1+A1 Section 5.9
Toys	Requirements for Play Figures	EN 71-1+A1 Section 5.11 DIN EN 71-1+A1 Section 5.11 TS EN 71-1+A1 Section 5.11 BS EN 71-1+A1 Section 5.11
Toys	Requirements for Hemispheric-Shaped Toys	EN 71-1+A1 Section 5.12 DIN EN 71-1+A1 Section 5.12 TS EN 71-1+A1 Section 5.12 BS EN 71-1+A1 Section 5.12
Toys	Requirements for Suction Cups	EN 71-1+A1 Section 5.13 DIN EN 71-1+A1 Section 5.13 TS EN 71-1+A1 Section 5.13 BS EN 71-1+A1 Section 5.13
Toys	Requirements for Straps Intended to be Worn Fully or Partially Around the Neck	EN 71-1+A1 Section 5.14 DIN EN 71-1+A1 Section 5.14 TS EN 71-1+A1 Section 5.14 BS EN 71-1+A1 Section 5.14
Toys	Packaging Requirements	EN 71-1+A1 Section 6 DIN EN 71-1+A1 Section 6 TS EN 71-1+A1 Section 6 BS EN 71-1+A1 Section 6
Toys	Small Parts Cylinder Test	16 CFR 1501 EN 71-1+A1 Section 8.2 DIN EN 71-1+A1 Section 8.2 TS EN 71-1+A1 Section 8.2 BS EN 71-1+A1 Section 8.2
Toys	Requirements for Warnings, Markings and Instructions for Use	EN 71-1+A1 Section 7 DIN EN 71-1+A1 Section 7 TS EN 71-1+A1 Section 7 BS EN 71-1+A1 Section 7
Toys	Drop Test	EN 71-1+A1 Section 8.5 DIN EN 71-1+A1 Section 8.5 TS EN 71-1+A1 Section 8.5 BS EN 71-1+A1 Section 8.5
Toys	Torque Test	16 CFR 1500.51-53 EN 71-1+A1 Section 8.3 DIN EN 71-1+A1 Section 8.3 TS EN 71-1+A1 Section 8.3 BS EN 71-1+A1 Section 8.3
Toys	Impact Test	EN 71-1+A1 Section 8.7 DIN EN 71-1+A1 Section 8.7 TS EN 71-1+A1 Section 8.7 BS EN 71-1+A1 Section 8.7
Toys	Tip Over Test	EN 71-1+A1 Section 8.6 DIN EN 71-1+A1 Section 8.6 TS EN 71-1+A1 Section 8.6 BS EN 71-1+A1 Section 8.6



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Toys	Compression Test	EN 71-1+A1 Section 8.8 DIN EN 71-1+A1 Section 8.8 TS EN 71-1+A1 Section 8.8 BS EN 71-1+A1 Section 8.8
Toys	Tension Test	16 CFR 1500.51-53 EN 71-1+A1 Section 8.4 DIN EN 71-1+A1 Section 8.4 TS EN 71-1+A1 Section 8.4 BS EN 71-1+A1 Section 8.4
Toys	Soaking Test	EN 71-1+A1 Section 8.9 DIN EN 71-1+A1 Section 8.9 TS EN 71-1+A1 Section 8.9 BS EN 71-1+A1 Section 8.9
Toys	Accessibility of a Part or Component Test	EN 71-1+A1 Section 8.10 DIN EN 71-1+A1 Section 8.10 TS EN 71-1+A1 Section 8.10 BS EN 71-1+A1 Section 8.10
Toys	Determination of Sharpness of Edges	16 CFR 1500.49 EN 71-1+A1 Section 8.11 DIN EN 71-1+A1 Section 8.11 TS EN 71-1+A1 Section 8.11 BS EN 71-1+A1 Section 8.11
Toys	Sharpness of Points Test	16 CFR 1500.48 EN 71-1+A1 Section 8.12 DIN EN 71-1+A1 Section 8.12 TS EN 71-1+A1 Section 8.12 BS EN 71-1+A1 Section 8.12
Toys	Expanding Materials Test	EN 71-1+A1 Section 8.14 DIN EN 71-1+A1 Section 8.14 TS EN 71-1+A1 Section 8.14 BS EN 71-1+A1 Section 8.14
Toys	Flexibility of Metallic Wires Test	EN 71-1+A1 Section 8.13 DIN EN 71-1+A1 Section 8.13 TS EN 71-1+A1 Section 8.13 BS EN 71-1+A1 Section 8.13
Toys	Leakage of Liquid-Filled Toys Test	EN 71-1+A1 Section 8.15 DIN EN 71-1+A1 Section 8.15 TS EN 71-1+A1 Section 8.15 BS EN 71-1+A1 Section 8.15
Toys	Geometric Shape of Certain Toys Test	EN 71-1+A1 Section 8.16 DIN EN 71-1+A1 Section 8.16 TS EN 71-1+A1 Section 8.16 BS EN 71-1+A1 Section 8.16
Toys	Folding or Sliding Mechanisms Test	EN 71-1+A1 Section 8.18 DIN EN 71-1+A1 Section 8.18 TS EN 71-1+A1 Section 8.18 BS EN 71-1+A1 Section 8.18
Toys	Determination of Electric Resistivity of Cords	EN 71-1+A1 Section 8.19 DIN EN 71-1+A1 Section 8.19 TS EN 71-1+A1 Section 8.19 BS EN 71-1+A1 Section 8.19
Toys	Cords Cross-Sectional Dimension Test	EN 71-1+A1 Section 8.20 DIN EN 71-1+A1 Section 8.20 TS EN 71-1+A1 Section 8.20 BS EN 71-1+A1 Section 8.20



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024


Toys	Determination of Kinetic Energy of Projectiles	EN 71-1+A1 Section 8.24 DIN EN 71-1+A1 Section 8.24 TS EN 71-1+A1 Section 8.24 BS EN 71-1+A1 Section 8.24
Toys	Dynamic strength Test	EN 71-1+A1 Section 8.22 DIN EN 71-1+A1 Section 8.22 TS EN 71-1+A1 Section 8.22 BS EN 71-1+A1 Section 8.22
Toys	Measurement of Temperature Rises Test	EN 71-1+A1 Section 8.30 DIN EN 71-1+A1 Section 8.30 TS EN 71-1+A1 Section 8.30 BS EN 71-1+A1 Section 8.30
Toys	Plastic Sheeting Test	EN 71-1+A1 Section 8.25 DIN EN 71-1+A1 Section 8.25 TS EN 71-1+A1 Section 8.25 BS EN 71-1+A1 Section 8.25
Toys	Stability Test	EN 71-1+A1 Section 8.23 DIN EN 71-1+A1 Section 8.23 TS EN 71-1+A1 Section 8.23 BS EN 71-1+A1 Section 8.23
Toys	Toy Figures Test	EN 71-1+A1 Section 8.33 DIN EN 71-1+A1 Section 8.33 TS EN 71-1+A1 Section 8.33 BS EN 71-1+A1 Section 8.33
Toys	Tension Test for Magnets	EN 71-1+A1 Section 8.34 DIN EN 71-1+A1 Section 8.34 TS EN 71-1+A1 Section 8.34 BS EN 71-1+A1 Section 8.34
Toys	Small Balls and Suction Cups Test	EN 71-1+A1 Section 8.32 DIN EN 71-1+A1 Section 8.32 TS EN 71-1+A1 Section 8.32 BS EN 71-1+A1 Section 8.32
Toys	Breakaway Feature Separation Test	EN 71-1+A1 Section 8.38 DIN EN 71-1+A1 Section 8.38 TS EN 71-1+A1 Section 8.38 BS EN 71-1+A1 Section 8.38
Toys	Determination of Magnetic Flux Index	EN 71-1+A1 Section 8.35 DIN EN 71-1+A1 Section 8.35 TS EN 71-1+A1 Section 8.35 BS EN 71-1+A1 Section 8.35
Toys	Self-Retracting Cords Test	EN 71-1+A1 Section 8.39 DIN EN 71-1+A1 Section 8.39 TS EN 71-1+A1 Section 8.39 BS EN 71-1+A1 Section 8.39
Toys	Perimeter of cords and chains Test	EN 71-1+A1 Section 8.36 DIN EN 71-1+A1 Section 8.36 TS EN 71-1+A1 Section 8.36 BS EN 71-1+A1 Section 8.36
Toys	Length of Cords, Chains and Electrical Cables Test	EN 71-1+A1 Section 8.40 DIN EN 71-1+A1 Section 8.40 TS EN 71-1+A1 Section 8.40 BS EN 71-1+A1 Section 8.40




TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Toys	Assessment of the tangle potential of two cords or chains	EN 71-1+A1 Section 8.41 DIN EN 71-1+A1 Section 8.41 TS EN 71-1+A1 Section 8.41 BS EN 71-1+A1 Section 8.41
Toys	Determination of projectile range	EN 71-1+A1 Section 8.42 DIN EN 71-1+A1 Section 8.42 TS EN 71-1+A1 Section 8.42 BS EN 71-1+A1 Section 8.42
Toys	Assessment of leading parts of projectiles and flying toys	EN 71-1+A1 Section 8.43 DIN EN 71-1+A1 Section 8.43 TS EN 71-1+A1 Section 8.43 BS EN 71-1+A1 Section 8.43
Toys	Length of suction cup projectiles	EN 71-1+A1 Section 8.44 DIN EN 71-1+A1 Section 8.44 TS EN 71-1+A1 Section 8.44 BS EN 71-1+A1 Section 8.44
Children's Products (Bijouterie and Jewelry)	Determination of Total Lead (Pb) in Metal Children's Products (using ICP MS)	CPSC-CH-E1001-08.3
Children's Products	Determination of Total Lead (Pb) in Nonmetal Children's Products (Using ICP MS)	CPSC-CH-E1002-08.3
Toys	General Requirements for Flammability	BS EN 71-2 Clause 4.1 TS EN 71-2 Clause 4.1 EN 71-2 Clause 4.1
Toys	Migration of Certain Elements Cr (III) and Krom VI (Cr +6)	EN 71-3+A1 DIN EN 71-3 BS EN 71-3+A1 TS EN 71-3+A1
Toys	Migration of Certain Elements (Lead (Pb), Antimony (Sb), Arsenic (As), Barium (Ba), Cadmium (Cd), Mercury (Hg), Selenium (Se), Aluminium (Al), Boron (B), Chromium (Cr), Cobalt (Co), Copper (Cu), Manganese (Mn), Nickel (Ni), Strontium (Sr), Tin (Sn), Zinc (Zn) (using ICP-MS)	EN 71-3+A1 DIN EN 71-3 TS EN 71-3+A1 BS EN 71-3+A1
Toys	Migration of Certain Elements Organic Tin (using GC MS)	EN 71-3+A1 DIN EN 71-3 BS EN 71-3+A1 TS EN 71-3+A1

 TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ		
Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
Toys	Requirements for Acoustics Toys	EN 71-1+A1 Section 4.20 DIN EN 71-1+A1 Section 4.20 TS EN 71-1+A1 Section 4.20 BS EN 71-1+A1 Section 4.20 Exclusions : 4.20.2.5 (8.28.2.4) 4.20.2.12 (8.28.2.11)
Toys	Sound Measurement in Toys Section 4.20 and A.25 Exclusions : Toys bigger than 115 cm x 64 cm x 150 cm	EN 71-1+A1 Section 8.28 DIN EN 71-1+A1 Section 8.28 TS EN 71-1+A1 Section 8.28 BS EN 71-1+A1 Section 8.28 Exclusions : 4.20.2.5 (8.28.2.4) 4.20.2.12 (8.28.2.11)
Toys	Requirements for Toys Containing a Non-Electrical Heat Source	EN 71-1+A1 Section 4.21 DIN EN 71-1+A1 Section 4.21 TS EN 71-1+A1 Section 4.21 BS EN 71-1+A1 Section 4.21
Toys	Toy Disguise Costumes	EN 71-1+A1 Section 4.26 DIN EN 71-1+A1 Section 4.26 TS EN 71-1+A1 Section 4.26 BS EN 71-1+A1 Section 4.26
Toys	Requirements for Sledges with Cords for Pulling	EN 71-1+A1 Section 5.15 DIN EN 71-1+A1 Section 5.15 TS EN 71-1+A1 Section 5.15 BS EN 71-1+A1 Section 5.15
Toys and Other Materials	Determination of Total Heavy Metal Lead (Pb), Cadmium (Cd), Arsenic (As), Mercury (Hg) (using ICP/MS)	EPA 3052 (sample preparation) EPA 6020A
Toys (Textile Toys)	Determination of Organic Chemical Compounds Flame Retardants TBBPA, TCPP, TDCEP, BBMPD and TCEP (using LCMSMS)	In-House Test Method MS-0026685 Rev.1 (based on EN 71-9+A1 Table 2A EN 71-10 Clause 8.1.1 and EN 71-11)
Toys (Textile Toys)	Bisphenol A (BPA) Determination (using LCMSMS)	In-house Test Method MS-0026690 Rev.1 (based on EN 71-10 and EN 71-11)
Toys	Toys to be Worn on the Head	EN 71-2 Clause 4.2 BS EN 71-2 Clause 4.2 TS EN 71-2 Clause 4.2
Toy	General Requirements for Flammability	TS EN 71-2+A1 Clause 5.1 EN 71-2+A1 Clause 5.1 BS EN 71-2+A1 Clause 5.1
Toy / Toys to be Worn on the Head, Hoods, Headdresses Including Upward Protruding Items and Masks which Partially or Fully Cover the Head (e.g. Fabric and Paperboard Masks, Eye Masks, Face Masks), Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play, Toys Intended to be Entered by a Child	Flammability Test	TS EN 71-2+A1 Clause 5.4 EN 71-2+A1 Clause 5.4 BS EN 71-2+A1 Clause 5.4
Toy / Beards, Moustaches, Wigs, etc. Made from Pile or Flowing Elements (eg: Freely Hanging Ribbons, Paper, Fabric, Hair Wire or Other Dangling Components), which Protrude 50 mm or Less from the Surface of the Toy, and Full or Partial Moulded Head Masks	Flammability Test	TS EN 71-2+A1 Clause 5.3 EN 71-2+A1 Clause 5.3 BS EN 71-2+A1 Clause 5.3

Accreditation Scope

TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ		
Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
 Test TS EN ISO/IEC 17025 AB-0342-T		
Toy / Beards, Moustaches, Wigs, etc. Made from Pile or Flowing Elements (eg; Freely Hanging Ribbons, Paper, Fabric, Hair Wire or Other Dangling Components), which Protrude 50 mm or More from the Surface of the Toy, and Full or Partial Moulded Head Masks	Flammability Test	TS EN 71-2+A1 Clause 5.2 EN 71-2+A1 Clause 5.2 BS EN 71-2+A1 Clause 5.2
Toy / Soft-filled Toys	Flammability Test	TS EN 71-2+A1 Clause 5.5 BS EN 71-2 Clause 5.5 EN 71-2 Clause 5.5
Toys	Toy Disguise Costumes and Toys Intended to Be Worn By a Child In Play Test	EN 71-2+A1 Clause 4.3 TS EN 71-2+A1 Clause 4.3 BS EN 71-2+A1 Clause 4.3
Toys	Toys Intended to Be Entered by a Child Test	BS EN 71-2+A1 Clause 4.4 TS EN 71-2+A1 Clause 4.4 EN 71-2+A1 Clause 4.4
Toys	Soft-Filled Toys Test	TS EN 71-2+A1 Clause 4.5 BS EN 71-2+A1 Clause 4.5 EN 71-2+A1 Clause 4.5

This document has been signed by Güliden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 <p>TÜRKAK Türk Akademi TS EN ISO/IEC 17025 AB-0342-T</p>	<p>TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ</p> <p>Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024</p>
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Plastic and Rubber Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Electrotechnical Products	Determination of polybrominated biphenyls and polybrominated diphenylethers in polymers (using GC-MS)	IEC 62321-6
Electrotechnical Products (Polymers and Electronics)	Determination of Cadmium (Cd), Lead (Pb) and Chromium (Cr) (using ICP-MS)	IEC 62321-5
Electrotechnical Products (Metals)	Determination of Cadmium (Cd) and Lead (Pb) (using ICP-MS)	IEC 62321-5
Electrotechnical Products (Polymers, Metals and Electronics)	Determination of Mercury (Hg) (using ICP-MS)	IEC 62321-4
Electrotechnical Products	Determination of Cr(VI) in colourless and coloured corrosion-protected coatings on metals (using UV-VIS)	IEC 62321-7-1
Polymer Based Electrotechnical Products	Determination of Lead (Pb), Mercury (Hg), Cadmium (Cd), Total Chromium (Cr), Total Bromine (Br) (Using XRF)	IEC 62321-3-1

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 <small>Test TS EN ISO/IEC 17025 AB-0342-T</small>	TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ <small>Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024</small>
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Textile and Leather Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Textile, Accessory	Colour fastness to artificial light: Xenon arc fading lamp test	ISO 105 B02 DIN EN ISO 105 B02 TS EN ISO 105 B02 BS EN ISO 105 B02 GB/T 8427
Textile, Accessory	Colour fastness to artificial weathering: Xenon arc fading lamp test	ISO 105 B04 DIN EN ISO 105 B04 TS 4460 EN ISO 105 B04 BS EN ISO 105 B04
Textile, Accessory	Colour fastness to light of textiles wetted with artificial perspiration	ISO 105 B07 DIN EN ISO 105 B07 TS EN ISO 105 B07 BS EN ISO 105 B07
Textile, Accessory	Colour fastness to domestic and commercial laundering	ISO 105 C06 DIN EN ISO 105 C06 TS EN ISO 105 C06 BS EN ISO 105 C06 AATCC 61
Textile, Accessory	Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low-temperature bleach activator	ISO 105 C08 DIN EN ISO 105 C08 TS EN ISO 105 C08 BS EN ISO 105 C08
Textile, Accessory	Colour fastness to domestic and commercial laundering -- Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator	ISO 105 C09+A1 DIN EN ISO 105 C09+A1 TS EN ISO 105 C09+T1 BS EN ISO 105 C09
Textile, Accessory	Colour fastness to washing with soap or soap and soda	GB/T 3921
Textile, Accessory	Colour fastness to dry cleaning	AATCC 132 ISO 105 D01 DIN EN ISO 105 D01 TS EN ISO 105 D01 BS EN ISO 105 D01 GB/T 5711
Textile, Accessory	Colour fastness to water	ISO 105 E01 DIN EN ISO 105 E01 TS EN ISO 105 E01 BS EN ISO 105 E01 GB/T 5713 AATCC 107
Textile, Accessory	Colour fastness to sea water	ISO 105 E02 DIN EN ISO 105 E02 TS EN ISO 105 E02 BS EN ISO 105 E02
Textile, Accessory	Colour fastness to chlorinated water (swimming-pool water)	ISO 105 E03 DIN EN ISO 105 E03 TS EN ISO 105 E03 BS EN ISO 105 E03



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Textile, Accessory	Colour fastness to perspiration	ISO 105 E04 DIN EN ISO 105 E04 TS EN ISO 105 E04 BS EN ISO 105 E04 GB/T 3922 AATCC 15
Textile, Accessory	Colour fastness to rubbing	ISO 105 X12 DIN EN ISO 105 X12 TS EN ISO 105 X12 BS EN ISO 105 X12 GB/T 3920 AATCC 8
Textile, Accessory	Colour fastness to rubbing; small areas	ISO 105 X16 DIN EN ISO 105 X16 TS EN ISO 105 X16 BS EN ISO 105 X16 AATCC 116
Textile, Accessory	Determination of the colour fastness of articles for common use - Test with artificial saliva	GB/T 18886
Textile, Accessory	Determination of the colour fastness of articles for common use - Test with artificial sweat	DIN 53160
Textile	Colour fastness to burnt-gas fumes	ISO 105 G02 DIN EN ISO 105 G02 TS 7561 EN ISO 105 G02 BS EN ISO 105 G02
Textile	Colour fastness to ozone in the atmosphere	ISO 105 G03 Clause 6.1 EN ISO 105 G03 Clause 6.1 BS EN ISO 105 G03 Clause 6.1 TS 7562 EN ISO 105 G03 Clause 6.1
Textile	Colour fastness to hot pressing	ISO 105 X11 DIN EN ISO 105 X11 TS 472 EN ISO 105 X11 BS EN ISO 105 X1
Textile	Assessment of the potential to phenolic yellowing of materials	ISO 105 X18 DIN EN ISO 105 X18 TS EN ISO 105 X18 BS EN ISO 105 X18
Textile	Determination of water penetration-Hydrostatic pressure determination	ISO 811 DIN EN ISO 811 TS EN ISO 811 BS EN ISO 811
Textile	Determination of resistance to surface wetting (spray test)	ISO 4920 DIN EN ISO 4920 TS EN ISO 4920 BS EN ISO 4920
Textile,Woven fabrics	Determination of number of threads per unit length	ISO 7211-2 (Method A) EN 1049-2 (Method A) TS 250 EN 1049-2 (Method A) BS EN 1049-2 (Method A) DIN EN 1049-2 (Method A) ASTM D 3775



TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024


Textile,Woven fabrcis	Linear density of the yarn removed from the fabric	TS 255 (Method A) ISO 7211-5 (Method A) BS ISO 7211-5 (Method A) DIN 53830-3 (Method A) ASTM D1059
Textile	Determination of number of stitches per unit length and unit area of knitted fabrics	EN 14971 TS EN 14971 DIN EN 14971 BS EN 14971
Textile	Determination of dimensional change of fabrics induced by free-steam	ISO 3005 TS 4783 BS 4323
Textile	Dimensional Changes of Fabrics after Home Laundering	AATCC 135
Textile	Washing and Drying procedures with household type washing machine	ISO 6330 DIN EN ISO 6330 TS EN ISO 6330 BS EN ISO 6330
Textile	Determination of dimensional change in washing and drying	ISO 5077 DIN EN ISO 5077 TS EN ISO 5077 BS EN ISO 5077
Textile	Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change	ISO 3759 DIN EN ISO 3759 TS EN ISO 3759 BS EN ISO 3759
Textile	Tensile properties of fabrics Determination of maximum force and elongation at maximum force-Strip method	ISO 13934-1 DIN EN ISO 13934-1 TS EN ISO 13934-1 BS EN ISO 13934-1
Textile	Tensile properties of fabrics Determination of maximum force-Grab method	ISO 13934-2 DIN EN ISO 13934-2 TS EN ISO 13934-2 BS EN ISO 13934-2 ASTM D5034
Textile	Seam tensile properties of fabrics and made-up textile articles - Determination of maximum force to seam rupture-Grab method	ISO 13935-2 DIN EN ISO 13935-2 TS EN ISO 13935-2 BS EN ISO 13935-2
Textile	Determination of seam strength in sewn products	ASTM D1683
Textile, Fabric	Determination of the slippage resistance of yarns-Fixed seam opening method	ISO 13936-1 DIN EN ISO 13936-1 TS EN ISO 13936-1 BS EN ISO 13936-1
Textile, Fabric	Determination of the slippage resistance of yarns -Fixed load method	ISO 13936-2 DIN EN ISO 13936-2 TS EN ISO 13936-2 BS EN ISO 13936-2
Textile	Tear properties of fabrics Determination of tear force using ballistic pendulum method	ISO 13937-1 DIN EN ISO 13937-1 TS EN ISO 13937-1 BS EN ISO 13937-1 ASTM D1424




TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Textile	Tear properties of fabrics -Determination of tear force of trouser-shaped test specimens Single tear method (Electronic calculation)	ISO 13937-2 DIN EN ISO 13937-2 TS EN ISO 13937-2 BS EN ISO 13937-2
Textile	Bursting properties of fabrics - Pneumatic method for determination of bursting strength and bursting distension	ISO 13938-2 DIN EN ISO 13938-2 TS EN ISO 13938-2 BS EN ISO 13938-2 ASTM D3786
Textile	Determination of fabric propensity to surface pilling, fuzzing and matting - Pilling box method	ISO 12945-1 BS EN ISO 12945-1 DIN EN ISO 12945-1 TS EN ISO 12945-1
Textile	Determination of fabric propensity to surface pilling, fuzzing and matting -Developed Martindale method	ISO 12945-2 DIN EN ISO 12945-2 TS EN ISO 12945-2 BS EN ISO 12945-2 ASTM D4970
Textile	Determination of surface fuzzing and propensity of fabrics- Random tumble method	ASTM D3512
Textile	Determination of the abrasion resistance of fabrics by the martindale method -Yarn breakdown method	ISO 12947-2 DIN EN ISO 12947-2 TS EN ISO 12947-2 BS EN ISO 12947-2 ASTM D4966
Textile	Determination of the abrasion resistance of socks- Martindale method	EN 13770 Method 1 DIN EN 13770 Method 1 TS EN 13770 Method 1 BS EN 13770 Method 1
Textile	Determination of abrasion resistance of fabrics by the martindale method Assessment of appearance change	ISO 12947-4 DIN EN ISO 12947-4 TS EN ISO 12947-4 BS EN ISO 12947-4
Textile	Test method for elastic fabrics- Determination of the elasticity of fabrics Strip test	EN 14704-1 TS EN 14704-1 BS EN 14704-1 DIN EN 14704-1 withdrawn
Textile	Determination of spirality and bow in woven and knitted fabrics	AATCC 179 ASTM D3882
Textile	Determination of spirality after laundering -Woven and knitted fabrics	ISO 16322-2 TS ISO 16322-2
Textile	Determination of spirality after laundering - Woven and knitted garments	ISO 16322-3 TS ISO 16322-3 BS ISO 16322-3
Textile	Abrasion resistance of fabrics: Accelerotor method	AATCC 93 Method A

 TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
Textile,Fabric	Determination of mass per unit area and length	ISO 3801 Method 5 TS 251 Clause 6 EN 12127 DIN EN 12127 TS EN 12127 BS EN 12127 ASTM D3776 Method C
Textile	Flammability assessment performance of nightdress fabrics and fabric assemblies used in nightdress	BS 5722
Textile	Burning behaviour -Determination of flammability of vertically oriented specimens when subjected to a small igniting flame	BS 5438
Textile,Fabric	Burning behaviour - Determination of ignition properties of vertically oriented specimens	ISO 6940 DIN EN ISO 6940 TS 5775 EN ISO 6940 BS EN ISO 6940
Textile,Fabric	Burning behaviour -Determination of flame spread properties of vertically oriented specimens	ISO 6941 DIN EN ISO 6941 TS EN ISO 6941 BS EN ISO 6941
Textile	Determination of flammability of clothing textile products	16 CFR 1610 ASTM D123
Textile and Textile Products	Burning behaviour. Curtains and drapes. Detailed procedure to determine the ignitability of vertically oriented specimens (small flame)	EN 1101 DIN EN 1101 TS EN 1101 BS EN 1101
Textile	Burning behaviour fabrics for apparel. Detailed procedure to determine the burning behaviour of fabrics for apparel	EN 1103 DIN EN 1103 TS EN 1103 BS EN 1103
Textile	Burning behaviour of children nightwears	EN 14878/AC DIN EN 14878 TS EN 14878 BS EN 14878
Children's Clothing	Cords and drawstrings on children's clothing-Specifications	EN 14682 DIN EN 14682 TS EN 14682 BS EN 14682
Textile	Determination of pH of aqueous extract (using pH meter)	TS EN ISO 3071 BS EN ISO 3071 ISO 3071 DIN EN ISO 3071 GB/T 7573
Textile	Determination of free and hydrolysed formaldehyde (water extraction method) (using UV-VIS Spectrophotometer)	JIS L 1041 Method A&B ISO 14184-1 DIN EN ISO 14184-1 TS EN ISO 14184-1 BS EN ISO 14184-1 GB/T 2912.1


 TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ		
Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
Textile	Methods for determination of certain aromatic amines derived from azo colorants- Part 1: Detection of the use of certain azo colorants accessible without extracting (using GC-MS, HPLC-MS)	ISO 14362-1 DIN EN ISO 14362-1 TS EN ISO 14362-1 BS EN ISO 14362-1 GB/T 17592
Textile	Determination of the phthalate content-Tetrahydrofuran method (using GC-MS)	ISO 14389 DIN EN ISO 14389 TS EN ISO 14389 BS EN ISO 14389
Textile	Methods for determination of certain aromatic amines derived from azo colorants Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene (using GC-MS,HPLC-MS)	ISO 14362-3 DIN EN ISO 14362-3 TS EN ISO 14362-3 BS EN ISO 14362-3 GB/T 23344
Textile	Quantitative chemical fiber analysis-Part 11 : Mixtures of cellulose and polyester fibres (method using sulfuric acid)	ISO 1833- 11 DIN EN ISO 1833-11 TS EN ISO 1833-11 BS EN ISO 1833-11
Textile	Regulation (EU) No 1007/2011 of the European Parliament and of the Council on textile fibre names and related labelling and marking of the fibre composition of textile products and repealing Council Directive 73/44/EEC and Directives 96/73/EC and 2008/121/EC of the European Parliament and of the Council Text with EEA relevance	EU no. 1007/2011 Method No: 7
Textile	Detection of disperse dyestuffs (using HPLC-DAD, LCMS/MS)	DIN 54231
Textile	Detection of carcinogenic dyestuffs (using HPLC-DAD, LCMS/MS)	DIN 54231
Textile, Plastic	Determination of phosphorus flame retardants (using LC-MS-MS)	ISO 17881-2 DIN EN ISO 17881-2 TS EN ISO 17881-2 BS EN ISO 17881-2
Textile, Plastic	Determination of the chlorinated organic carriers (using GC-MS)	DIN 54232 (The standard was withdrawn in 2018. It is included in the scope of accreditation for a temporary period in the request of the laboratory)
Toys and Children's Products	Determination of the phthalate content (using GC-MS)	CPSC-CH-C1001-09.4
Shoes	Determination of Dimethylformamide (DMFa) in Footwear and Footwear Components (using GC-MS)	ISO/TS 16189 DIN CEN ISO/TS 16189 TSE CEN ISO/TS 16189 BS CEN ISO/TS 16189
Shoes	Determination of Organotin Compounds in Footwear Components (using GC-MS)	ISO/TS 16179 DIN CEN ISO/TS 16179 PD CEN ISO/TS 16179
Children's Clothing	Mechanical Safety Test	CEN/TR 16792 Annex B&C DIN CEN/TR 16792 Annex B&C TSE CEN/TR 16792 Annex B&C PD CEN/TR 16792 Annex B&C




TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ

Accreditation Nr: AB-0342-T
Revision Nr: 17 Date: 24.10.2024

Plastics, Plastisol Prints, Plastic Coated Textiles Plastic Packaging Materials and Toys (Excluding Plastic Materials with Polifor)	Determination of total cadmium (Cd) -Wet decomposition method (using ICP-MS)	EN 1122 DIN EN 1122 TS EN 1122 BS EN 1122
Textiles, Plastics	Determination of poly aromatic hydrocarbons (PAHs) (using GC-MS)	AfPS GS 2019:01 PAK
Textiles, Leather, Liquids & Foams	Determination of extractable perfluorooctanesulphonate (PFOS) and Perfluorooctanoic acid (PFOA) (using LC-MS-MS)	CEN/TS 15968
Textile, Accessory	Screening tests for nickel release from products that come into direct and prolonged contact with the skin	CR 12471 PD CR 12471
Textile, Accessory	Detection of nickel release from coated items by wearing and corrosion of coating	TS EN 12472 BS EN 12472 ENT2472
Textile, Accessory	Determination of nickel release from products that come into direct and prolonged contact with the skin (using ICP-MS)	TS EN 1811 BS EN 1811 EN1811
Accessory	Slide Fasteners Specifications	EN 16732 DIN EN 16732 TS EN 16732 BS EN 16732 BS 3084:2006 (withdrawn)
Textile	Determination of Alkylphenol Ethoxylates (APEO) in Textile Products (using HPLC-MS)	ISO 18254-1 DIN EN ISO 18254-1 TS EN ISO 18254-1 BS EN ISO 18254-1
Coated Textiles, Plastics, Packaging Materials, Toys, Children Usage and Care Articles	Determination of the phthalate content (using GC-MS)	EN 14372 Section 6.3.2 DIN EN 14372 Section 6.3.2 TS EN 14372 Section 6.3.2 BS EN 14372 Section 6.3.2
Leather	Determination of Chromium VI (Cr +6) Content Chemically Colorimetric Method (using UV-VIS Spectrophotometer)	ISO 17075-1 DIN EN ISO 17075-1 TS EN ISO 17075-1 BS EN ISO 17075-1
Leather	Determination of Chromium VI (Cr +6) Content Chemically Chromatographic Method (using HPLC)	ISO 17075-2 DIN EN ISO 17075-2 TS EN ISO 17075-2 BS EN ISO 17075-2
Leather	Chemical tests for the determination of certain azo colorants in dyed leathers -Part 2: 4- Determination of Aminoazobenzene (using GC-MS,HPLC-MS)	ISO 17234-2 DIN EN ISO 17234-2 TS EN ISO 17234-2 BS EN ISO 17234-2
Leather	Chemical tests for the determination of certain azo colorants in dyed leathers Determination of certain aromatic amines derived from azo colorants (using GC-MS,HPLC-MS)	ISO 17234-1 DIN EN ISO 17234-1 TS EN ISO 17234-1 BS EN ISO 17234-1 GB/T 19942

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Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024		
Leather	Determination of pH (using pH meter)	ISO 4045 DIN EN ISO 4045 TS EN ISO 4045 BS EN ISO 4045
Leather	Determination of formaldehyde content Colorimetric method (using UV-VIS Spectrophotometer)	ISO 17226-2 DIN EN ISO 17226-2 TS EN ISO 17226-2 BS EN ISO 17226-2 GB/T 19941
Leather	Colour fastness to cycles of to-and-fro rubbing	ISO 11640 DIN EN ISO 11640 TS EN ISO 11640 BS EN ISO 11640
Textile	Determination of Total Lead (Pb) in Paint and Painted/Coated Samples (using ICP MS)	CPSC-CH-E1003-09.1 16 CFR 1303
Textile	Professional care, dry cleaning and wet cleaning of fabrics and garments -Procedure for testing performance when cleaning and finishing using tetrachloroethene	ISO 3175-2 DIN EN ISO 3175-2 TS EN ISO 3175-2 BS EN ISO 3175-2
Textile	Textiles - Determination of fabric propensity for fuzzing and pilling - Part 1: Circular locus method	GB/T 4802.1
Textile	Determination of evaluation of appearance after laundering of fabrics	In-House Test Method MS-0044904 Rev.0
Textile	Determination of Dimethyl Fumarate in Textiles, Leathers and Silicagel	In-House Test Method MS-0039997-Spec08 Rev:0 (Based on ISO/TS 16186)
Textile	Evaluation of print durability after laundering of fabrics	In-House Test Method MS-0044905 Rev.0
Textile, Leather	Determination of Organic Tin Compounds (using GC-MS)	In-House Test Method MS-0042886 Rev.1 (Based on ISO/TS 16179)
Textile, Plastic	Detection of Polychlorophenol Content in Textile Products Pentachlorophenol (PCP) Tetrachlorophenol (TCP) Trichlorophenol (TriCP) Detection (using GC-MS)	In-House Test Method MS-0039991-Spec09 Rev.0
Plastics, Paint and Coatings	Determination of the phthalate content (using GC-MS)	In-House Test Method MS-0042596 Rev.1 (Based on CPSC-CH-C1001-09.3)
Textile, Leather and Plastic	Short Chain Chloro Paraffins (SCCP) Determination (using GC-MS)	In-House Test Method MS-0041973-Spec08 Rev.0
Textile, Plastic	Determination of alkylphenol (AP) and alkylphenol ethoxylates (APEO) in textiles, leather, plastics and liquid samples using GC-MSD and HPLC-MSD	In-House Test Method MS-0042625 Rev.1 (based on ISO 18254)
Textiles	Determination of Chlorinated Organic Carriers (Using GC-MS)	EN 17137
Textiles, Accessory	Colour Fastness to Artificial Light Xenon Arc Fading Lamp Test	AATCC 16.3 Option 3


Accreditation Scope

 <p>TÜRKAK</p> <p>Test TS EN ISO/IEC 17025 AB-0342-T</p>	<p>TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ</p> <p>Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024</p>	
Textiles, Accessory	Colour Fastness to Rubbing	SATRA TM173

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 <p>TÜRKAK Türk Akademi Türk Akademi</p> <p>Test TS EN ISO/IEC 17025 AB-0342-T</p>	<p>TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ</p> <p>Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024</p>
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Environmental Tests		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Wastewater	Determination of pH Electrometric Method	ISO 10523
Wastewater	Determination of Colour Spectrophotometric Method	ISO 7887 B
Wastewater	Determination of Suspended Solids Gravimetric Method	ISO 11923
Wastewater	Determination of Chromium (VI) Spectrophotometric Method	ISO 18412
Waste Water	Determination of Antimony (Sb), Chromium (Cr), Cobalt (Co), Copper (Cu), Nickel (Ni), Silver (Ag), Zinc (Zn), Arsenic (As), Cadmium (Cd), Lead (Pb), Mercury (Hg), Tin (Sn), Barium (Ba), Boron (B) and Selenium (Se) Pre-treatment: Filtration Pre-treatment: Microwave Acidic Digestion Measurement: ICP-MS Method	ISO 15587-2 ISO 17294-1/2
Wastewater	Determination of Temperature Laboratory and Field Method	SM 2550 B
Wastewater	Determination of AEEA, Bisphenol A, Thiourea, and Quinoline Pre-treatment: Microfiltration Measurement: LC-MS/MS Method	In House Method "MS-0049675 Rev.01" (EPA 538)
Wastewater	Determination of Navy Blue Pre-treatment: Microfiltration Measurement: LC-MS/MS Method	In House Method "MS-0049673 Rev.01" (DIN 54231)
Wastewater	Determination of Ortho-phenylphenol and Triclosan Pre-treatment: Derivatization with Acetic Anhydride Measurement: GC-MS Method	In House Method-"MS-0049678 Rev.01" (EN 12673)
Sewage Sludge	Paint Filter Liquids Test Filtration Method	EPA 9095 B
Sewage Sludge	Determination of Antimony (Sb), Chromium (Cr), Cobalt (Co), Copper (Cu), Nickel (Ni), Silver (Ag), Zinc (Zn), Arsenic (As), Cadmium (Cd), Lead (Pb), Mercury (Hg), Barium (Ba) and Selenium (Se) Pre-treatment: Microwave Acid Digestion Measurement: ICP-MS Method	EPA 3051 A EPA 6020 B

 <p style="text-align: center;">TÜV RHEINLAND ULUSLARARASI STANDARTLAR SERTİFİKASYON VE DENETİM ANONİM ŞİRKETİ</p> <p style="text-align: center;">Accreditation Nr: AB-0342-T Revision Nr: 17 Date: 24.10.2024</p>		
Wastewater	Determination of PAH (Polyaromatic hydrocarbons) Naphthalene Acenaphthene Acenaphthylene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b,j,k)fluoranthene Benzo(e)pyrene Benzo(a) pyrene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene Benzo(g,h,i)perylene Pre-treatment: Liquid-Liquid Extraction Pre-treatment: Silica Gel Cleanup Measurement :GC-MS Method	EPA 3510 C EPA 3630 C EPA 8270 E
Sewage Sludge	Determination of Chromium (VI) Pre-treatment: Alkaline Digestion Method Measurement: Spectrophotometric Method	EPA 3060 A EPA 7196 A
Sewage Sludge	Determination of Antimony (Sb), Chromium (Cr), Cobalt (Co), Copper (Cu), Nickel (Ni), Silver (Ag), Zinc (Zn), Arsenic (As), Cadmium (Cd), Lead (Pb), Mercury (Hg), Barium (Ba), Selenium (Se) Pre-treatment: Leaching Pre-treatment: Filtration Pre-treatment: Microwave Acidic Digestion Measurement: ICP-MS Method	In House Method- "MS-0049682 Rev.02" (EPA 1311, EPA 3015A, EPA 6020 B)
Sewage Sludge	Determination of Chromium (VI) Pre-treatment: Leaching Pre-treatment: Filtration Measurement: Spectrophotometric Method	In House Method- "MS-0049684 Rev.01" (EPA 1311 and EPA 7196 A)
Wastewater	Determination of UV Absorbers (UV 350, UV 328, UV 327, UV 320) Pre-treatment: Microfiltration Measurement: LC-MS/MS Method	In House Method-"MS-0050534 Rev.00" (EPA 538)
Waste Water	Determination of Permethrin Pre-treatment: Liquid-Liquid Extraction Measurement: GC-MS Method	In House Method-"MS-0049677 Rev.01"(EPA 3510 C and EPA 8270 E)