



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a "Type A" Inspection Body

MAKİNTEST TEKNİK MUAYENE ÖLÇÜM VE GÖZETİM HİZMETLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ

Central Address: ABDURRAHMANGAZİ MAH. EBUBEKİR CAD. TALİP BEY İŞ MERKEZİ NO:30/4 SANCAKTEPE İstanbul / Türkiye

is accredited in accordance with TS EN ISO/IEC 17020:2012 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0544-M

Accreditation Date : 04.09.2019

Revision Date / Number : 17.04.2024 / 03

This certificate shall remain in force until **02.09.2027**, subject to continuing compliance with the standard **TS EN ISO/IEC 17020:2012**, 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 17020.

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.


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|  <p>TÜRKAK</p> <p>Inspection TS EN ISO/IEC 17020 AB-0544-M</p> | MAKİNTEST TEKNİK MUAYENE ÖLÇÜM VE GÖZETİM HİZMETLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ | |
| | Accreditation Nr: AB-0544-M Revision Nr: 03 Date: 17.04.2024 | |
| "Type A" Inspection Body | | |
| Address : ABDURRAHMANGAZI MAH. EBUBEKİR CAD. TALİP BEY İŞ MERKEZİ NO:30/4 SANCAKTEPE İstanbul / Türkiye | Phone : +90 216 398 5292 Fax : - Email : info@makintest.com Website : www.makintest.com | |

| Lifting and Conveying Machines | | |
|--|-------------------------|---|
| Inspection Field | Inspection Type | Standard / Specification |
| 1.A.1.1. Overhead Travelling Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.2. Portal Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.3. Monorail Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.4. Mobile Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.5. Tower Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.6. Loader Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.9. Jib Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.2. Chain Hoist | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.3.1. Mobile Elevating Work Platform | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.3.2. Power - Operated Lifting Platforms for Persons With Impaired Mobility | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.3.3. Suspended Access Equipment | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.3.4. Column Working Platform | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.4. Car Lift | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.6. Jack | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.7.1 Cable Puller | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.7.2 Chain Puller | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.8. Pallet Truck | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |

Accreditation Scope

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|  TÜRKAK  <small>Inspection TS EN ISO/IEC 17020 AB-0544-M</small> | MAKİNTEST TEKNİK MUAYENE ÖLÇÜM VE GÖZETİM HİZMETLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ | |
| | Accreditation Nr: AB-0544-M Revision Nr: 03 Date: 17.04.2024 | |
| "Type A" Inspection Body | | |
| Address : ABDURRAHMANGAZI MAH. EBUBEKİR CAD. TALIP BEY İŞ MERKEZİ NO:30/4 SANCAKTEPE İstanbul / Türkiye | Phone : +90 216 398 5292 Fax : - Email : info@makintest.com Website : www.makintest.com | |
| 1.A.9. Stacker | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.10. Forklift | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.11. Escalator | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.12. Moving Walk | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.13. Variable Reach Truck | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.14. Machine Serving Fixed Landing Area | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.19. Construction Hoist | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.21. Dock Leveller | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 1.A.1.1. Overhead Travelling Crane | 1.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |

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| Burning Gaseous Fuels | | |
|-----------------------------------|------------------------------------|--|
| Inspection Field | Inspection Type | Standard/Specification |
| 19.3. Boiler Room and Heat Centre | 19.A. Layout Conformity Inspection | Republic of Turkey Energy Market Regulatory Authority (EMRA) Domestic Gas Installation Regulation Regulation Concerning Fire Protection of Buildings Communique for Construction Works, Machinery and Electrical Installations General Technical Specifications TS 7363 |

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Accreditation Nr: AB-0544-M
Revision Nr: 03 Date: 17.04.2024

Chimneys


| Inspection Field | Inspection Field | Standard/Specification |
|------------------|---|---|
| 21. Chimneys | 21.A. Periodic Control | TS EN 13384-1 TS EN 13384-2 TS EN 15287-1 TS EN 15287-2 TS 7363 TS EN 13384-1+A1 TS EN 13384-2+A1 TS EN 15287-1+A1 |
| 21. Chimneys | 21.B Leakage Test | TS EN 15287-1+A1 TS EN 15287-2 TS 7363 |
| 21. Chimneys | 21.C Project and Assembly Conformity Inspection | TS EN 13384-1 TS EN 13384-2 TS EN 15287-1 TS EN 15287-2 TS 7363 TS EN 13384-1+A1 TS EN 13384-2+A1 TS EN 15287-1+A1 |

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| Cathodic Protection | | |
|--|-----------------------|--|
| Inspection Field | Inspection Type | Standard/Specification |
| 6.A.2.1 Buried Metallic Tanks | 6.A. Periodic Control | TS EN 13509 TS EN 13636 |
| 6.A.2.2.1. Embedded Metallic Pipelines 6.A.2.2.2. Water-immersed Metallic Pipelines | 6.A. Periodic Control | TS EN 13509 TS 5141 EN 12954 TS EN 13636 |

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| Electrical Installation | | |
|---|-----------------------|---|
| Inspection Field | Inspection Type | Standard/Specification |
| 6.A.1.1. Grounding Installation | 6.A. Periodic Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation of Grounding of Electrical Installations |
| 6.A.1.3. Lightning Protection | 6.A. Periodic Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation of Grounding of Electrical Installations TS EN 62305-1 TS EN 62305-3 |
| 6.A.1.4. Residual/Leakage Current Measurement | 6.A. Periodic Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation of Grounding of Electrical Installations Electrical Internal Facilities Regulation |
| 6.A.1.5. Electrical Panel - Visual Control | 6.A. Periodic Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation of Grounding of Electrical Installations Electrical Internal Facilities Regulation |
| 6.A.1.6. Electrical Panel - Function Control | 6.A. Periodic Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation of Grounding of Electrical Installations Electrical Internal Facilities Regulation |
| 6.A.1.7. Termographic Inspection | 6.A. Periodic Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 6.1.12. Generators | 6.A. Periodic Control | TS ISO 8528-1 |

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Accreditation Nr: AB-0544-M
Revision Nr: 03 Date: 17.04.2024

Fire protection systems


| Inspection Field | Inspection Type | Standard / Specification |
|---|-------------------------|---|
| 5.A.1. Sprinkler Systems | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.2. Fire Water Tank | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.3. Fire Pump Station | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.4. Fire Hydrant System | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.5. Fire Cabinet System | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.9. Portable Fire Extinguisher Placement | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.10. Detection Alarm Systems | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.11. Clean Gas Automatic Extinguishing Systems | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.12. CO2 Gas Automatic Extinguishing Systems | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.13. Dry / Liquid Chemical Automatic Extinguishing Systems | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |
| 5.A.14. Emergency Lighting and Guidance Systems | 5.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment Regulation on Fire Protection of Buildings |

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| Boilers | | |
|--|-------------------------|---|
| Inspection Field | Inspection Type | Standard / Specification |
| 3.A.1. Steam Boiler | 3.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 3.A.2. Boiler for Buildings/Heating Boiler | 3.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 3.A.7. Hot Water Boiler | 3.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 3.A.8. Steam Generator | 3.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |

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| Pressure Equipment | | |
|---|---|---|
| Inspection Field | Inspection Type | Standard / Specification |
| 2.A.2. Pressure Air Tanks | 2.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 2.A.3. Compressor Air Tank | 2.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 2.A.4. Hydrofor/Expansion Tank | 2.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 2.A.5. Steam Generator | 2.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 2.A.6. Boiler/Accumulation Tank | 2.A. Periodical Control | Regulation on Health and Safety Conditions in the Use of Work Equipment |
| 2.A.7. Liquefied Gas Tanks 2.A.7.1. Overground Liquefied Gas Tanks 2.A.7.2. Underground Liquefied Gas Tanks | 2.A. Periodical Control (Only Inspection) | Regulation on Health and Safety Conditions in the Use of Work Equipment |

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