TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

TÜV AUSTRIA SILA KALİTE KONTROL MUAYENE GÖZETİM VE DENETİM HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Central Address: ALAADDİNBEY MAH. 637. SK. No:5 B/ NİLÜFER/BURSA Bursa / Türkiye

**The list of the branches operating under the same accreditation depending on the central address and the scope of these branches are given in the annexes.*

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-0720-T

Accreditation Date : 17.02.2014

Revision Date / Number : 18.03.2026 / 13

This certificate shall remain in force until 20.03.2030, 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.

Test
TS EN ISO/IEC 17025
AB-0720-T

TÜV AUSTRIA SILA KALİTE KONTROL MUAYENE GÖZETİM VE DENETİM HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Accreditation Nr : AB-0720-T
Revision Nr: 13 Date: 18.03.2026

Testing Laboratory

Address :
ALAADDİNBEY MAH. 637. SK. No:5 B/ NİLÜFER/BURSA Bursa / Türkiye

Phone : -
Fax : -
Email : ceren.boysan@tuvsila.com
Website : www.tuvsila.com

Products and Materials of Metals and Alloys

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Metallic Materials, Metallic and Welded Materials	Tensile Testing (At Room Temperature (Min) 5kN - (Max) 1000kN)	TS EN ISO 6892-1 TS EN ISO 4136 ASTM A370 TS EN ISO 5178
Metallic Materials Metallic and Welded Materials	Bend Test	TS EN ISO 7438 TS EN ISO 5173 ASTM A370
Metallic Materials, Metallic and Welded Materials	Charpy Impact Tests (V-Notch, 450J, between +20°C and -196°C)	TS EN ISO 148-1 TS EN ISO 9016 ASTM A370
Metallic Materials Metallic and Welded Materials	Macroscopic and Microscopic Inspection	ASTM E 381 TS EN ISO 17639
Metallic Materials Metallic and Welded Materials	Nick Break Fracture Test	API 1104
Metallic Materials Metallic and Welded Materials	Fracture Test	TS EN ISO 9017
Metallic Materials	Z Test	TS EN 10164
Metallic Materials, Metallic and Welded Materials	Vickers Hardness Test (HV5, HV10)	TS EN ISO 6507-1 TS EN ISO 9015 -1 ASTM E92
Metallic Materials : Metallic and Welded Materials	Peel Testing Of Resistance Spot And Projection Welds	TS EN ISO 10447
Metallic Materials : Metallic and Welded Materials	Chisel Testing Of Resistance Spot And Projection Welds	TS EN ISO 10447
Metallic Materials, Austenitic Stainless Steels	Spektral Analysis of Carbon (C), Silisium (Si), Manganese (Mn), Phosphorus (P), Sulphur (S), Chromium (Cr), Molibdenum (Mo), Nickel (Ni), Cupper (Cu), Using Optical Emission Spectrometers	ASTM E1086
Metallic Materials Carbon and Low Alloy Steels	Spektral Analysis of Carbon (C), Silicon (Si), Manganese (Mn), Phosphorous(P) Sulfur (S), Chromium (Cr), Molybdenum (Mo), Nickel (Ni), Aluminum (Al), Cobalt (Co), Copper (Cu), Niobium (Nb), Titanium (Ti), Vanadium (V), Lead (Pb), Tin (Sn), Boron (B), Calcium (Ca), Nitrogen (N), Antimony (Sb) Using Optical Emission Spectrometers	ASTM E415

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Accreditation Scope

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Stainless and Duplex Steels	Austenitic and Ferritic - Austenitic (Duplex) Stainless Steels - Intergranular Corrosion Test by Measuring Mass Loss in Titric Acid Medium (HUEY Test)	TS 3156 EN ISO 3651-1
Stainless and Duplex Steels	Determination of Resistance to Intergranular Corrosion of Stainless Steels Ferritic, Austenitic and Ferritic-Austenitic (Duplex) Stainless Steels - Corrosion Test In Media Containing Sulfuric Acid	TS 3157 EN ISO 3651-2 Method A Method B Method C
Stainless and Duplex Steels	Duplex Austenitic / Ferritic Stainless Steel Determination of Intergranular Phase of Be Harmful	ASTM A923 Method A Method B Method C
Stainless Steels and Alloys	Pitting Corrosion and Corrosion Crack Resistance Test	ASTM G48 ASTM G46 Method A Method B
Welded Materials	Shear Test	TS EN ISO 14273 AWS C1.1M/C1.1 AWS B4.0
Metallic Welded Materials	Pillow Test	ISO 17654 AWS C1.1M/C1.1 AWS B4.0
Stainless Steels and Duplex Steels	Ferrite Phase Ratio Determination Test	ASTM E562
Stainless Steels and Duplex Steels	Ferritic Austenitic and Ferritic-Austenitic (Duplex) Steels-Intergranular Corrosion Test In Environments Containing Sulfiric Acid	ASTM A 262 Method A Method B Method C Method E Method F
Metallic Materials Metallic and Welded Materials	Metallographic replica techniques of surface examination	ISO 3057 ASTM E 1351
Coated and Painted Materials	Corrosion Tests In Artificial Atmospheres - Salt Spray Test	TS EN ISO 9227 ASTM B117 ASTM G85 (A1, A2, A3, A5)
Coated and Painted Materials	Standard Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)	ASTM B368

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TUV AUSTRİA SILA KALİTE KONTROL MUAYENE GÖZETİM VE DENETİM HİZMETLERİ SANAYİ TİCARET VE LİMİTED ŞİRKETİ ANKARA ŞUBESİ

Accreditation Nr : AB-0720-T
Revision Nr: 13 Date: 18.03.2026

Testing Laboratory

Address :
ÇAMLICA MAHALLESİ, ANADOLU BULVARI, L M BLOK NO: 20m İÇ KAPI NO:3 YENİMAHALLE/ANKARA Ankara / Türkiye

Phone :
Fax :
Email : sertan.mertbilek@tuvsila.com
Website :

Products and Materials of Metals and Alloys

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Metallic Materials Metallic and Welded Materials	Tensile testing Room temperature 20-500 kN	TS EN ISO 6892-1 TS EN ISO 4136 ASTM A370 TS EN ISO 5178
Metallic Materials Metallic and Welded Materials	Bending Test	TS EN ISO 7438 TS EN ISO 5173 ASTM A370
Metallic Materials Metallic and Welded Materials	Charpy Impact Tests (V-Notch, 250J, between +20°C and -80°C)	TS EN ISO 148-1 TS EN ISO 9016 ASTM A370
Metallic Materials Metallic and Welded Materials	Brinell Hardness Test (2,5HBW187,5)	TS EN ISO 6506-1
Metallic Materials Metallic and Welded Materials	Macroscopic and Microscopic Examination	ASTM E 381 TS EN ISO 17639
Metallic Materials Metallic and Welded Materials	Fracture Test	TS EN ISO 9017
Metallic Materials	Z Test	TS EN 10164
Metallic Materials Metallic and Welded Materials	Rockwell Hardness Test Rockwell-C (HRC), Rockwell-B (HRB)	TS EN ISO 6508-1
Metallic Materials Metallic and Welded Materials	Nick Break Fracture Test	API 1104

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