



## Scope of Accreditation

 <b>Muayene</b> <b>TS EN ISO/IEC 17020</b> <b>AB-0022-M</b>	<b>S &amp; Q MART</b> <b>Kalite Güvenlik Sanayi Ve Ticaret A. Ş.</b>  <b>Accreditation No: AB-0022-M</b> <b>Revision No: 03 Date: 05 March 2010</b>	
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Inspection Field	Inspection Type	Standard / Specification
Boilers, Pressure Vessels, Pipe Lines, Atmospheric Tanks and Metal Structures	Manufacturing Process Control	AD Merkblätter, TRD, ASME Sec.I, ASME Sec.VIII, TS 377-1, EN 12953, ASME B 31.1, 31.3, 31.8, API 650, API 5L, API 1104, API 534, AWS D1.1., EN 12952, EN 13445, EN 286, EN 303-2, EN 303-3, EN 303-5, EN 1442, EN 15085
	In-Service Inspections (Periodical Inspections)	AD Merkblätter, TRD, API 653, API 510, API 570, API 572 to 576, API 579, API 580, API 581, API 598, National Board Inspection Code ANSI/NB-23, API 510, ISIG Regulation, EN 12952, EN 13445, EN 286, EN 303-2, EN 303-3, EN 303-5, EN 1442
Welded Constructions	Welding procedures verification and approval	EN288 (EN15614) , ASME Sec.IX, AWS D1.1, API 1104, AD Merkblatt HP 2/1, TRD 201, EN 15609, EN 13134
	Inspection of the welding production process	ASME Sec.IX, AWS D1.1, API 1104, AD Merkblatt HP 3, TRD 201
Products formed from metals	Metal pipes(Manufacturing process control, Material verification and approval)	API 5L, TS 6047, BS 534, EN 10217, EN 1716, DIN 1626, EN 10216, EN 10222, EN1091, ISO 7005
	Metal sheets and plates (Manufacturing process control, Material verification and approval)	EN 10217, EN 10219, EN 10025, EN10028, ASTM A 36, ASTM A 53, ASTM A 106, ASTM A 333, ASTM A312, ASTM A 283, ASTM A 516, EN 10216, EN 10222, EN1091, ISO 7005,ASTM A 517, EN 1090
Lifting Machinery	Periodic controls	TS ISO 9927-1, İSİGT

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Non-Destructive Testing	Radiographic Film Exposure, Radiographic Films Evaluation and Approval	ASTM 3 Vol 03.03, AD Merkblatt HP 5/3, ASME Sec.I, ASME Sec. V, ASME Sec.VIII, ASME B31.1,ASME B31.3, ASME B31.8, API 5L, API 1104, EN 1435, EN 25817, EN 12517, ASME Sec I, EN 444
	Liquid Penetrant Testing	AD Merkblatt HP 5/3, ASME Sec.I, ASME Sec. V,ASME Sec. VIII, ASME B31.1, ASME B31.3, ASME B31.8, API 5L, API 1104, EN 25817 EN 571-1, EN 1289
	Magnetic Particle Testing	AD Merkblatt HP 5/3, ASME Sec.I, ASME Sec. V,ASME Sec. VIII, ASME B31.1, ASME B31.3, ASME B31.8, API 5L, API 1104, EN 25817 EN 1290, EN 1291
	Ultrasonic Testing	AD Merkblatt HP 5/3, ASME Sec.I, ASME Sec. V,ASME Sec. VIII, ASME B31.1, ASME B31.3, ASME B31.8, API 5L, API 1104, EN 25817, EN 1712, EN 1713, EN 1714
	Visual Testing	AD Merkblatt HP 5/3, ASME Sec.I, ASME Sec. V,ASME Sec. VIII, ASME B31.1, ASME B31.3, ASME B31.8, API 5L, API 1104, EN 25817, EN 970

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Pressure Equipment	Approval of Permanent Joining Procedures	97/23/EC Pressure Equipment Directive, Annex I 3.1.2
	Approval of Permanent Joining Personnel	Annex I 3.1.2
	European Approval of Materials	Article 11
	Internal manufacturing checks with monitoring of the final assessment (Module-A1)	Annex - III
	EC Type Examination (Module B)	Annex - III
	EC design-examination (Module B1)	Annex - III
	Conformity to type (Module C1)	Annex - III
	Product verification (Module F)	Annex - III
	EC unit verification (Module G)	Annex - III
Simple Pressure Vessels	EC Type Examination EC Declaration of Conformity EC Verification	87/404/EEC Article 10 87/404/EEC Articles 12,13 and 14 87/404/EEC Article 11
Crude Petroleum and Petroleum Products Storage Tanks	Preparation of capacity tables and to make technical measurements -vertical cylindrical tanks -horizontal cylindrical tanks -spherical tanks	ISO 7507-1/4/5, TS 1300, ISO 12917 1-2, API 2551, API 2552
LPG and liquid bulk loads (Crude petroleum, petroleum products, petrochemical products, liquid chemicals)	Inspection of ship and shore tanks before and after loading/unloading; quantity inspection, sampling, supervising sampling, supervising product quantity and product quality	HM 29, HM28, API Chapter 17, TS 900-1, TS EN 3170, ASTM D 4057 TS EN ISO 4257, S&Q MART Inspection Manuals, Procedures
Automotive fuels	Sampling of the fuel distribution units, supervising National Marker filling, sampling, marker control services	TS EN 12475, S&Q MART Inspection Procedures
Road and railway vehicles	Inspection of road tankers and railway cars loading/unloading conformity and weighbridge	S&Q MART Inspection Procedures I-2 97
Steel products	Inspection and control weighbridge	S&Q MART Inspection Procedures I-2 95

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Inspection Field	Inspection Type	Standard / Specification
Periodic control of Medium Voltage(MV) systems	Inspection of LV output boards, transformers and MV panels (measuring input-output cells) according to the MV project	Electrical Power Plants Project Directive, Strong Electrical Current Plants Directive, IAT 62271, VDE 670, IAT 60905, IAT 60076, IAT 60726, IAT 60282, Electrical Interior Facilities Directive
Periodic control of Low Voltage(LV) systems	Electrical project - Inspection of generators, panels, UPS, Uninterruptable Power Supply, cable and carrier according to one-line Project	Electrical Power Plants Project Directive, Electrical Interior Facilities Directive, IAT 60364, IAT 60898, IAT 60291, IAT 60947, IAT 60079, IAT 60502, IAT 60228
Periodic control of power consumption systems	Inspection of installation, lighting fixtures and lamps, sockets, motors and other equipments according to the electrical project.	Electrical Interior Facilities Directive, IAT 60364, IAT 61347, IAT 60598, IAT 60079, IAT 60947
Grounding and lighting protection system	Inspection of end capture, conductor, grounding electrode and the connection element according to the grounding and lighting protection system project	Electrical Interior Facilities Directive, Grounding of The Electrical Plants Directive, NFPA 70 / NFPA 780, NFC 17-102, +IAT 62305, IAT 60598
New Hot Water Boiler	EC Type Examination (Module B) EC Conformity to Type (Module C)	92/42/EC Directive, Annex III 92/42/EC Directive, Annex IV
Safety valves	Adjustment and control of online safety valves	S&Q MART Inspection Procedures
Appliances burning gaseous fuels	EC type-examination EC verification by unit EC declaration of conformity to type EC verification	90/396/EEC Annex II.1 90/396/EEC Annex II.6 90/396/EEC Annex II.2 90/396/EEC Annex II.5
Transportable pressure equipment	Internal manufacturing checks with monitoring of the final assessment(Module A1) EC type-examination(Module B) EC design-examination(Module B1) Conformity to type(Module C1) Product verification(Module F) EC unit verification(Module G)	99/36/EC Transportable Pressure Equipments Directive, Annex IV, Part I ASME I, II, V, VIII, IX, EN 1442, EN 849

End of Scope

**Atakan BAŞTÜRK**  
Secretary General