

Scope of Accreditation

	TÜV SÜD Teknik Güvenlik Ve Kalite Denetim Ticaret Limited Şirketi	
	Accreditation No: AB-0042-M Revision No: 00 Date: 20 July 2007	
	Address Yıldız Posta Caddesi No : 17 Kat 5 Esentepe 34394 İSTANBUL / TÜRKİYE	Phone : 02123479810 Fax : 02123479811 E-Mail : info@tuv-tgk.com Website : www.tuv-tgk.com

Inspection Field	Inspection Type	Standard / Specification
Pressure equipment	Internal manufacturing checks with monitoring of the final assessment (Module A1) EC Type Examination (Module B) EC Design Examination (Module B1) EC Conformity to type (Module C1) EC Product verification (Module F) EC Unit verification (Module G) Evaluation and approval of permanent joining procedures Evaluation and approval of permanent joining personnel	97/23/AT Pressure equipment directive Annex III Annex III Annex III Annex III Annex III Annex III Annex I - 3.1.2 Annex I - 3.1.2
Simple pressure equipment	EC Type Examination (Module B) EC Product verification (Module F) EC Conformity to type (Module C1)	87/404/EEC Directive
Transportable pressure equipment	Internal manufacturing checks with monitoring of the final assessment (Module A1) EC Type Examination (Module B) EC Design Examination Module B1) EC Conformity to type (Module C1) EC Product verification (Module F) EC Unit verification (Module G) Conformity reassessment procedure Periodic inspection of products	99/36/EC Directive Annex IV- Part I Annex IV- Part I Annex IV- Part I Annex IV- Part I Annex IV- Part I Annex IV- Part I Annex IV- Part I Annex IV- Part II Annex IV- Part III - Module 1
Welded constructions	Evaluation and approval of welding procedures	EN 288 (EN 15614), ASME Sec. IX, AWS D1.1, AWS D1.5, API 1104, AD Merkblatt HP 2/1, TRD 201
	Evaluation and approval of welders	EN 287 (EN 15609), ASME Sec. IX, AWS D1.1, AWS D1.5, API 1104, AD Merkblatt HP 3, TRD 201

Scope of Accreditation

 <p>TÜRKAK Muayene TS EN ISO/IEC 17020 AB-0042-M</p>	<p>TÜV SÜD Teknik Güvenlik Ve Kalite Denetim Ticaret Limited Şirketi</p> <p>Accreditation No: AB-0042-M Revision No: 00 Date: 20 July 2007</p>
--	--

Inspection Field	Inspection Type	Standard / Specification
Pressure vessels, boilers, steam generator	Design review Inspection of manufacturing process New construction inspection In-service inspection	ASME I, II, V, IX, VII (1,2. part) AD-Merkblätter, A, HP, W Series PD 5500 2,4, 5. parts ASME V, ASME VIII TRB 801, TRG 301, TRG 761 AD Merkblatt:WO-W 13, HP 0, HP 1, HP 2, HP 3, HP 4, HP7, HP 8, HP 30 A1, A2, A5, A6 NBIC, NB-23, VGB, ISIG Regulation TRD 100, TRD 200, TRD 400, TRD 500 EN 13445 EN 1442 EN 13831 EN 13458 EN 12952, EN 12953
Line pipe and pipe line inspection	Design review of pipeline Manufacturing inspection of line pipe and fittings Periodical inspection of pipe lines	ASME B31.1, ASME B31.3, API 1104, API 5-L, TS 6047 API 570
Storage tanks	Design review of storage tanks Manufacturing inspection of storage tanks and piping system Periodical inspection of storage tanks and piping system	API 650, API 620 API 653
Electrical-Electronics Equipment (Electrical Household Equipment)	Pre-Shipment Inspection	ISO 2859-1, Customer Specifications
Machineries (listed below) under the scope of 98/37/EC Machinery Safety Directive, except machineries referred to in Annex IV. <ul style="list-style-type: none"> • Packaging Machines • Food Processing Machines • Textile Machines • Metalworking Machines • Plasticworking Machines • Construction Machines • Agricultural Machines • Cooling and Heating Systems • Load Lifting and Handling Systems • Pumps • Welding Machines • Machine Tools • Special Industry Machines 	Inspection of Machinery Safety	98/37/EC Machinery Safety EN 294 EN 349 EN 418 EN 547-1 EN 547-2 EN 953 EN 954 EN 1050 EN ISO 12100-1; EN ISO 12100-2 EN 60204-1

Scope of Accreditation

 <p>Muayene TS EN ISO/IEC 17020 AB-0042-M</p>	<p>TÜV SÜD Teknik Güvenlik Ve Kalite Denetim Ticaret Limited Şirketi</p> <p>Accreditation No: AB-0042-M Revision No: 00 Date: 20 July 2007</p>
--	--

Inspection Field	Inspection Type	Standard / Specification
<p>Any electrical equipment designed for use with a voltage rating of between 50 and 1000 V for alternating current and between 75 and 1500 V for direct current</p> <p>* Audio, video and similar electronic apparatus * Information technology equipment * Household and similar electrical appliances * Luminaires</p>	Inspection of the product	<p>73/23/EEC Low Voltage Equipment EN 60065 EN 60335 Series EN 60598 Series EN 60950</p>
<p>Devices, apparatus or systems whose performance may be degraded by electromagnetic disturbance produced by electrical and electronic apparatus against the degradation caused by such disturbances</p> <p>* Audio, video and similar electronic apparatus * Information technology equipment * Household and similar electrical appliances * Luminaires</p>	Inspection of the product	<p>89/336/EEC Electromagnetic Compatibility EN 55011, EN 55013, EN 55014-1, EN 55015, EN 55020, EN 55022, EN 55024, EN 55081,</p> <p>EN 61000-3-2, EN 61000-3-3, EN 61000-3-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11</p>

The qualification of the personnel, listed below, is approved satisfactory to perform the inspections given in this scope and sign the related reports.

Şeyda Dağdelen
Selma Özil

Eray Karaca
Hakim Özlük

Rıfat Pergel

End of Scope

Atakan BAŞTÜRK
Secretary General