

TSE (터키)

1. 개요

<p>■ 정의</p>	<p>Turk Standardlari Enstitusu (터키 규격협회)</p>
<p>■ 개요</p>	<p>- 규격은 원칙적으로 임의적용이지만, 각료회의에 의해 법률적으로 규격적용이 규정되는 경우는 강제규격으로 적용된다 (약 12%의규격이 대상)</p>
<p>■ 관련기관</p>	<p>- Turk Standardlari Enstitusu (터키규격협회 : www.tse.org.tr) - TSE본부 (www.tse.gov.tr/English/default.asp) : TSE인증신청서 제출 - 상표등록처: www.turkpatent.gov.tr</p>
<p>■ 대상품목</p>	<p>- 식품, 의약품, 신발 및 섬유와 같은 소비재를 제외한 대부분의 공산품</p>
<p>■ 적용국가</p>	<p>- 터키</p>
<p>■ 적용규격</p>	<p>- TS (Turkish Standards : 터키국가규격)</p>
<p>■ 인증마크</p>	
<p>■ 기타</p>	<p>- EU 회원국의 제품인 경우 수입시 CE마크만을 요구하지만, EU가 아닌 국가의 제품 수입시, CE마크와 TSE인증을 동시에 요구하고 있고, TSE인증처리에 대한 터키의 기술적, 제도적 준비의 미흡이, 오히려 수출장벽으로 작용되고 있음.</p>

2. 일반현황

터키 규격은 Turkish Standards(TS)라고 하고, 터키규격협회(Turk Standardlari Enstitusu : TSE)에 의해 제정, 발행된다. TS의 약호 뒤 한자리수에서 4자리수의 일관 규격번호를 붙인다. 규격의 적용은 원칙으로 임의이지만, 각료회의에 의해 법률적으로 규격적용이 규정되는 경우는 강제규격으로 된다.

1960년의 법률 No. 132의 규정에 의한 표시제도가 행해져 있고, TSE마크는 공업성에 등록되어 있다. TS규격에 일치한다고 확인된 제품은 TSE로부터 라이선스가 허용된다. 외국 기업도 표시허가를 얻을 수 있다. 전기기구·건축재료·페인트·화학제품 등 해당하는 TS규격을 대상으로 많은 라이선스가 허가되어 있다. 이들은 목록중에 TSE마크로 지시되어 있다.

3. 안전관련 규격

- TS 277(1965.7.7) Safety Isolating Transformers, XX (강제적용)
- TS 494(1994.4.13) Safety Valves-By Weight (강제적용)
(For Steam and Super Heated Hot Water Systems), XX
- TS 614(1968.4.3) Safety Devices with Light Indicator for Hydraulic Brake System
Automotive Vehicles, XX
- TS 853(1970.4.10) Safety Colours, XX
- TS 917(1986.4.29) Safety Glasses For Road Vehicles, XX (강제적용)
- TS 950(1971.3.31) Symbols, Dimensions and Layout for Safety Signs, XX
- TS 1214(1971.11.1) Rules of Tree Cutting and Safety, XX
- TS 1374(1973.4.18) Continuous Mechanical Handling Equipment—Safety Code
General Rules, XX
- TS 1552(1974.3.20) Continuous Mechanical Handling Equipment for Loose Bulk
Materials Storage Equipment:
Storage Bins and Bunkers, Silos and Hoppers Bin Gates—Safety
Code, XX
- TS 1861(1992.4.14) Photography — Photographic Films — Specifications for Safety
Film, XX
- TS 1862(1987.12.15) Liquefied Petroleum Gases Cylinder Valves, Safety Valves,

- Safety Valves and Pressure Regulators, XX (강제적용)
- TS 1914 (1975.4.29) General Principles for the Verification of the Safety of Structures, XX
 - TS 2000 (1993.4.24) Safety of Household and Similar Electrical Appliances—General Requirements, XX
 - TS 2001 (1975.4.29) Safety of Household and Similar Electrical Appliances Part 2 : Particular Requirements for Vacuum Cleaners, XX
 - TS 2002 (1987.9.29) Safety of Household and Similar Appliances — Particular Requirements for Electric Irons, XX
 - TS 2003 (1975.4.29) Safety of Household and Similar Electrical Appliances Particular Requirements for Ranges, XX
 - TS 2004 (1990.2.28) Safety of Household and Similar Electrical Appliances Particular Requirements for Washing Machines, XX
 - TS 2005 (1988.4.29) Safety of Household and Similar Electrical Appliances Part2 : Particular Requirements for Toasters, Grills, Roasters and Similar Appliances, XX
 - TS 2058 (1975.7.23) Safety of Household and Similar Electrical Appliances Particular Requirements for Electric Shavers, Hair Clippers and Similar Appliances, XX
 - TS 2059(1975.7.23) Safety of Household and Similar Electrical Appliances Particular Requirements for Floor Treatment and Wet Scrubbing Machines for Household and Similar Purposes, XX
 - TS 2060(1988.4.29) Safety of Household and Similar Electrical Appliances—Particular Requirements for Frying Pans, Deep Fat Fryers and Similar Appliances, XX
 - TS 2061(1988.3.29) Requirements of Safety of Household and Similar Electrical Appliances Particular Requirements for Electric Kitchen Machines, XX
 - TS 2062(1975.7.29) Safety of Household and Similar Electrical Appliances Particular Requirements for Battery Powered Shavers, Hair Clippers and Their Charging and Battery Assemblies, XX

- TS 2127(1990.3.5) Safety Requirement for Electronic Equipment
(For Mains Operated Electronic and Related Apparatus for Household and General Use), XX
- TS 2140(1975.11.26) Safety Requirements for Radio Transmitting Equipment, XX
- TS 2199(1976.1.28) Nuclear Energy—Fissile Materials Principles of Criticality Safety in Handling and Processing, XX
- TS 2207(1976.1.28) Safety Requirements for Radio Transmitting Equipment Part2 : Test Methods, XX
- TS 2212(1976.1.30) Safety of Household and Similar Electrical Appliances Particular Requirements for Electric Water Heaters Stationary Non instantaneous, XX
- TS 2213(1976.1.28) Electrical Safety of Office Machines, XX
- TS 2225(1988.3.29) Safety of Household and Similar Electrical Appliances—Particular Requirements for Refrigerators and Food Freezers, XX
- TS 2239(1976.2.4) Safety Requirements for Indicating and Recording Electrical Measuring Instruments and Their Accessories, XX
- TS 2257(1976.3.10) Safety of Household and Similar Electrical Appliances—Particular Requirements for Electric Shavers, Hair Clippers and Similar Appliances, XX
- TS 2059(1975.7.23) Safety of Household and Similar Electrical Appliances Particular Requirements for Floor Treatment and Wet Scrubbing Machines for Household and Similar Purposes, XX
- TS 2060(1988.4.29) Safety of Household and Similar Electrical Appliances—Particular Requirements for Frying Pans, Deep Fat Fryers and Similar Appliances, XX
- TS 2061(1988.3.29) Requirements of Safety of Household and Similar Electrical Appliances Particular Requirements for Electric Kitchen Machines, XX
- TS 2062(1975.7.29) Safety of Household and Similar Electrical Appliances Particular Requirements for Battery Powered Shavers, Hair Clippers and Their Charging and Battery Assemblies, XX

- TS 2127(1990.3.5) Safety Requirement for Electronic Equipment
(For Mains Operated Electronic and Related Apparatus for Household and General Use), XX
- TS 2140(1975.11.26) Safety Requirements for Radio Transmitting Equipment, XX
- TS 2199(1976.1.28) Nuclear Energy—Fissile Materials Principles of Criticality Safety in Handling and Processing, XX
- TS 2207(1976.1.28) Safety Requirements for Radio Transmitting Equipment Part2 : Test Methods, XX
- TS 2212(1976.1.30) Safety of Household and Similar Electrical Appliances Particular Requirements for Electric Water Heaters Stationary Non instantaneous, XX
- TS 2213(1976.1.28) Electrical Safety of Office Machines, XX
- TS 2225(1988.3.29) Safety of Household and Similar Electrical Appliances—Particular Requirements for Refrigerators and Food Freezers, XX
- TS 2239(1976.2.4) Safety Requirements for Indicating and Recording Electrical Measuring Instruments and Their Accessories, XX
- TS 2257(1976.3.10) Safety of Household and Similar Electrical Appliances—Particular Requirements for Electrically Heated Blankets, Pads and Mattresses, XX
- TS 2386(1976.4.30) Safety Requirements for the Electrical Equipment of Room Air Conditioners, XX
- TS 2418(1976.10.7) Safety Requirements for Electronic Measuring Apparatus, XX
- TS 2429(1976.10.21) Safety Helmet, XX
- TS 2796(1977.6.16) Heating Installations Safety Requirement for Hot Water Central Heating Systems With Flow Temperatures Up To 110C, XX
- TS 2797(1977.6.16) Safety Requirements for Heating Installations With Flow Temperatures Up To 110 C Open and Closed Type Hot Water Installations Up To 300 000 kcal/h With Thermostatic Protection, XX
- TS 2838(1977.9.16) Safety Requirements for Low Pressure Steam Generator, XX
- TS 2911(1978.1.19) Aircraft—Identification of Servicing, Maintenance, Ground

Handling and Safety/Hazard Points, XX

- TS 2983(1978.2.9) Continuous Mechanical Handling Equipment for Loose Bulk Materials—Rotary Drum Feeders and Vane Feeders Safety Code, XX
- TS 2984(1978.2.9) Continuous Mechanical Handling Equipment for Loose Bulk Materials — Hand Operated Power Shovels Safety Code, XX
- TS 3006(1978.2.16) Continuous Mechanical Handling Equipment for Loose Bulk Materials—Storage Equipment Fed By A Pneumatic Handling System—Safety Code, XX
- TS 3014(1978.2.23) Continuous Mechanical Handling Equipment for Loose Bulk Materials—Couplings and Hose Components Used In Pneumatic Handling—Safty Code, XX
- TS 3015(1978.2.28) Continuous Mechanical Handling Equipment for Loose Bulk Materials — Rotary Feeders Used In Pneumatic Handling Safety Code, XX
- TS 3020(1978.2.23) Continuous Mechanical Handling Equipment for Unit Loads—Crate—Carrying Chain Conveyors Having Biplanar Chains for Flat Bottomed Unit Loads Safety Code, XX
- TS 3818(1994.4.28) Heating Systems — Design Installation on and Safety Rules for Gaseous Central Burning Establishments, XX
- TS 3840(1984.6.26) General Safety Rules Against Occupational Accidents in Machinery, XX
- TS 4055(1983.11.22) Rules for Loading Transportation and Unloading of Round Woods and Their Safety Rules, XX
- TS 4056(1983.11.22) Electrical Installations of Buildings — Protections for Safety Protection Against Overcurrent, XX
- TS 4057(1983.11.22) Electrical Installations of Buildings Protection for Safety Application of Protective Measures for Safety Measures of Protection Against Overcurrent, XX
- TS 4061(1983.12.6) Electrical Installations of Buildings—Protection for Safety Application of Protective Measures for Safety—General

- Measures of Protection Against Electric Shock, XX
- TS 4157(1991.1.15) Safety and Health — General Regulations In Mining and Exploration Studies, XX
 - TS 4535(1985.6.7) Safety of Medical Electrical Equipments General Requirements, XX
 - TS 4923(1986.11.4) Mining Safety Code—Continuous Handling Equipment—Special Rules, XX
 - TS 4937(1989.11.4) Power Lawn Mowers, Lawn Tractors—Safety Requirements and Test Procedures for Rotary Mowers, XX
 - TS 4943(1986.11.11) Safety Standards In Crude Oil and Petroleum Products Storage Tank Farms, XX
 - TS 5066(1987.2.2) Safety Rules for Farm Machineries, XX
 - TS 5217(1987.4.21) Safety Requirement's for Children's Toys Part I : Mechanical and Physical Properties, XX (강제적용)
 - TS 5218(1987.4.21) Safety Requirements for Children's Toys Part 2 : Flammability, XX (강제적용)
 - TS 5219(1987.4.21) Safety Requirements for Children's Toys Part 3 : Chemical Properties, XX (강제적용)
 - TS 5329(1987.11.17) Safety Requirements for Children's Toys Part 4 : Packaging and Marking, XX
 - TS 5359(1987.12.1) Safety Requisitions For Geophysical Land Crews, XX
 - TS 5495(1988.2.29) Toughened Safety Glass Panels for Ships Side Scuttles, XX
 - TS 5800(1988.4.26) Safety Requirements for Domestic Gas Appliances, XX
 - TS 6263(1988.12.27) Welding Terminology and Definitions for Welding Safety and Sanitation, XX
 - TS 6484(1989.2.7) Safety of Household and Similar Electrical Appliances Particular Requirements for Motor Compressors (Hermetic and Semi-Hermetic Type), XX
 - TS 6913(1989.4.14) Electrical Safety of Laser Equipment and Installations and Experimental Methods, XX
 - TS 6973(1989.4.18) Protective Gloves — Basic Safety Requirements Testing, XX

- TS 7031(1989.5.3) Arc Welding Power Sources Equipment and Accessories Part4 :
Safety Requirements for Power Sources, XX
- TS 7274(1989.5.17) Tractors and Machinery for Agriculture and Forestry Technical
Means for Providing Safety—Anhydrous Ammonia Applicators,
XX
- TS 7306 (1989.5.30) Protective Gloves — Leather Protective Gloves for
Welders—Safety Requirements Testing,XX
- TS 7419(1989.9.12) Power Lawn Mowers, Lawn Tractors and Lawn and Garden
Tractors With Mowing Attachments—Safety Requirements and
Test Procedures—Requirements for Cylinder (Reel) Mowers, XX
- TS 7936(1990.2.15) Safety Requirements for The Electrical Equipment of Room
Air-Conditioners, XX
- TS 8144(1990.3.15) Safety Belt—Used for Climbing Trees, XX (강제적용)
- TS 8252(1990.4.3) Safety.Capacity and Economic Requirements On Urban Junctions,
XX (강제적용)
- TS 8365(1990.4.12) Springs—Safety Rules, XX
- TS 8496(1990.10.23) Radiation Safety of Laser Products Equipment Classification,
Requirements and Users Guide,XX
- TS 8691(1991.1.8) Sampling of Chemical Products for Industrial Use—Safety in
Sampling, XX
- TS 8832(1991.2.26) Thermal Springs of Captivating and Safety Measures, XX
- TS 8983(1991.3.19) Obligatory Safety Measures in Structures, XX
- TS 9196(1991.4.10) Safety Rules For Sawmills, XX
- TS 9238(1991.4.12) Photography—Processed Safety Photographic Films — Storage
Practices, XX
- TS 9345(1991.4.26) Forest Prevention Rules Of Construct Fire Safety Roads For
Forest Fires, XX
- TS 9459(1991.9.24) Portable Chain Saws Safety Rules, XX
- TS 9658(1991.12.17) Safety Frames and Cabs For Wheeled Agricultural Tractors,XX
- TS 9815(1992.2.4) Forest Trees—Safety Rules of Tree Climbing, XX
- TS 9919(1992.3.3) Safety Requirements for Tungsten Filament Lamps for Domestic

- and Similar General Lighting Purposes, XX
- TS 9933(1992.3.7) Stationary Air Compressors Safety Rules and Code of Practice, XX
 - TS 10020(1992.3.17) Nuclear Reactors—Use of The Protection System for NonSafety Purposes, XX
 - TS 10022(1992.3.17) Electrical Installations of Buildings Protection for Safety—Protection Against Thermal Effects, XX
 - TS 10023(1992.3.17) Electrical Installations — Buildings—Protection for Safety—Isolation and Switching, XX
 - TS 10026(1992.3.17) Electrical Installations of Buildings—Selection and Erection of Electrical Equipment—Safety Services, XX
 - TS 10207(1992.4.20) Code of Safety for Sulphuric Acid, XX
 - TS 10208(1992.4.20) Code of Safety for Nitric Acid,XX
 - TS 10314(1992.6.23) Code of Safety For Phosphoric Acid, XX
 - TS 10453(1992.11.10) Code of Safety for Mercury, XX
 - TS 10494(1992.12.1) Code of Safety for Aniline, XX
 - TS 10566(1992.12.29) Code of Safety for Acetone, XX
 - TS 10567(1992.12.29) Code of Safety for Acetic Anhydride, AA
 - TS 10568(1992.12.29) Code of Safety for Benzene, Toluene and Xylene, XX
 - TS 10629(1993.1.19) Regulations For Safety in the Transport of Ammunition and Explosives By Military Train (Strange 2890), XX
 - TS 10653(1993.1.22) Safety Plug(Fusible Alloy, For Welded Steel Dissolved Acetylen Cylinders), XX
 - TS 10922(1993.4.20) Lifts—Safety Rules for the Construction and Installation of Lifts—(Electric Lifts), XX
 - TS 11171(1993.12.21) Code of Safety for Calcium Carbide, XX
 - TS 11364(1994.4.27) Code of Safety for Hydrochloric Acid, XX
 - TS 11392(1994.4.28) Fan-Assisted Gas Burners—with Ventilator—Terminology Safety Requirements, Testing and Marking, XX
 - TS 11364(1994.4.28) Safety Gas Hose With Connector and Connection Armatures for Use in Gas Burning Appliances (Up to 10 kPa), XX

- TS 11495(1994.11.22) Safety Values-Spring Loaded, XX (강제적용)
- TS 11776(1995.7.11) Safety Rules for Health Care Facilities -Part 1 : safety Organization (강제적용)
- TS 11777(1995.7.11) Safety Rules for Health Care Facilities -Part 2 : General safety Rules (강제적용)

4. 보일러.압력용기에 관한 안전기준

: 승인기관 : TSE Necatibey Cad

가. 보일러

- 적용규격 : TS 377, 430, 497, 4040, 4041

나. 정치식 압력용기

- 적용규격 : TS 55, 1203, 1911, 5306, 6553

다. 가변식 압력용기

- 적용규격 : TS 445, 862, 1519, 1520, 1862, 6600

(참고)

- TS 55 LPG containers for domestic and industrial use (강제규격)
- TS 377 Cylindrical steam boilers of welded construction (강제규격)
- TS 430 Cast iron boilers for central heating and hot water supply (강제규격)
- TS 445 Domestic Pressure Cookers
- TS 497 Welded steel boilers for central heating and hot water supply (강제규격)
- TS 862 Hand fire extinguishers (강제규격)
- TS 1203 Welded cylindrical pressure receivers for air (강제규격)
- TS 1519 Compressed gas cylinders (강제규격)
- TS 1520 Valves for compressed gas cylinders (강제규격)
- TS 1911 Pressure vessels-Tanks for water supply installation (강제규격)
- TS 1862 LPG-cylinder valves, safety-valves and detandors
- TS 4040 Boilers-Economical and thermal requirements
- TS 4041 Boilers-Instructions for testing capacity and efficiency
- TS 5306 Inspection, testing and maintenance of LPG cylinders (강제규격)
- TS 6553 Air supply tube air drain apparatus for water pressure tanks (강제규격)
- TS 6600 Non refillable LPG Containers