



Listed are the Industry Certifications and Standards associated with many of TESCO's products.

API (American Petroleum Institute)

A trade association for the oil and natural gas industry.

ASME (founded as American Society of Mechanical Engineering)

An engineering society that establishes codes and standards.

ASME B31.3

This is a process piping code that is a section of the ASME code for pressure piping. The intent of this code is to convey the requirements for safe design and construction of piping installations.

ASTM

ASTM International was first known as "The American Society of Testing and Materials."

ATEX

The ATEX directive consists of two European Union directives describing what equipment and work environment is allowed in an environment with an explosive atmosphere. ATEX derives its name from the French title of the 94/9/EC directive: Appareils destinés à être utilisés en Atmosphères Explosives.

CE MARK STATEMENT

The CE marking on a product by the manufacturer ensures that the product conforms to the essential requirements of the applicable EC directives. The letters "CE" stand for "Conformité Européenne" ("European Conformity").

CGA (Compressed Gas Association)

CRN (Canadian Registration Number)

Registration of fittings and pressure vessels in Canada. Pressure regulators and valves are considered "C" type fittings.

CSA (Canadian Standards Association)

DIN

The German Institute for Standardization (Deutsches Institut für Normung) is the German national organization for standardization and is that country's ISO member body. DIN is a Registered German Association (e.V.) headquartered in Berlin. The letters "DIN" are used for German standards with primarily domestic significance or designed as a first step toward international status and can incorporate with ISO or EN standards.

GOST (Russian GOCT)

GOST refers to a set of technical standards maintained by the Euro-Asian Council for Standardization, Metrology and Certification (EASC), a regional standards organization operating under the auspices of the Commonwealth of Independent states (CIS).

IEC (International Electric Code)**ISO**

The International Organization for Standardization widely known as ISO, is an international standard-setting body composed of representatives from various national standards organizations.

METI (Ministry of International Trade and Industry)

METI is a certification agency of pressurized equipment in Japan.

NACE

NACE International was first known as “The National Association of Corrosion Engineers.”

NEC (National Electric Code)**PED (Pressure Equipment Directive)**

The Pressure Equipment Directive 97/23/EC PED of the European Union sets out the standards for the design and fabrication of pressure equipment (“Pressure Equipment” means steam boilers, pressure

vessels, piping, safety valves and other components, and assemblies subject to pressure loading) generally over one liter in volume and having a maximum pressure more than 0.5 bar gauge. It also sets the administrative procedures requirements for the “conformity assessment” of pressure equipment, for the free placing on the European market without local legislative barriers.

REACH (for chemicals)

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) is a European Union Regulation. REACH addresses the production and use of chemical substances, and their potential impacts on both human health and the environment.

RoHS

The Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment 2002/95/EC commonly referred to as the Restriction of Hazardous Substances Directive or RoHS.

TÜV

TÜV (short for Technischer Überwachungs-Verein, Technical Inspection Association in English) are German organizations that work to validate the safety of products of all kinds to protect humans and environment against hazards.



WARNING! Do not attempt to select, install, use or maintain this product until you have read and fully understood the *TESCOM Safety, Installation and Operation Precautions*.