

# STANDARDS GLOSSARY

## Industrial Valves & Equipment



### **ANSI**

American National Standards Institute

### **API**

American Petroleum Institute

### **API 594**

Check valve design

### **API 598**

Valve pressure and testing for resilient-seated, nonmetallic seated (e.g. ceramic), and metal to metal seated valves of the gate, globe, plug, ball, check, and butterfly types

### **API 6A**

Wellhead and Christmas Tree Equipment

### **API 6D**

Pipeline valves (ball, check, gate, and plug)

### **API 6FA**

Testing and performance of API 6A and 6D valves

### **API 6FD**

Fire test for check valves

### **API 600**

Heavy duty bolted bonnet steel gate valves for petroleum refinery and related applications

### **API 602**

Gate, globe, and check valves for sizes DN 100 (NPS 4) and smaller for the petroleum and natural gas industries

### **API 603**

Corrosion resistant bolted bonnet gate valves (flanged and butt-weld ends) for use in process piping applications

### **API 607**

Fire test for soft seated/nonmetallic seated quarter turn valves

### **API 608**

Metal Ball Valves - Flanged, threaded and welding ends

### **API 609**

Butterfly valve (double flanged, lug, and wafer type) design

### **API 624**

Type testing of rising stem valves equipped with graphite packing for fugitive emissions

### **API 641**

Type testing for quarter-turn valves for fugitive emissions

### **API RP 591**

Process valve qualification procedure

### **ASME**

American Society of Mechanical Engineers

### **ASME B1.20.1**

General purpose pipe threads in inches

### **ASME B16.5**

Pipe flanges and flanged fittings

### **ASME B16.10**

Face to face and end to end dimensions of valves

### **ASME B16.11**

Forged steel fittings, socketweld and threaded

### **ASME B16.34**

Flanged, threaded and welded ends of valves

### **ASME B16.42**

Ductile iron pipe flanges

### **ASME B16.47**

Large diameter steel flanges

### **ASTM**

American Section of the International Association for Testing Materials

### **CRN**

Canadian Registration Number

### **CSA**

Canadian Standards Association

### **CSA Z245.15-17**

Steel valves to be used for transporting fluids as specified in CAN/CSA-Z662

### **ISO**

International Standards Organization

### **ISO 15761**

Steel gate, globe, and check valves for sizes DN100 (4") and smaller for the petroleum and natural gas industries

### **ISO 5211**

Standard interfaces for automated valve assemblies

### **NACE**

National Association of Corrosion Engineers

### **NACE MR0103**

Materials resistant to sulfide stress cracking (SSC) in corrosive petroleum environments

### **NACE MR0175/ISO 15156**

Materials for use in H<sub>2</sub>S containing environments in oil and gas production

### **MSS**

Manufacturers Standardization Society of the Valves and Fittings Industry

### **MSS SP-6**

Finishes for connecting end flanges

### **MSS SP-25**

Standard marking system for valves

### **MSS SP-55**

Quality standard for valve castings

### **PED**

European Commission "Pressure" (Equipment) Working Group Directives

### **PED 2014/68/EU Annex III, Module H**

Pressure Equipment Directive as it relates to the design, manufacture, and conformity assessment of pressure equipment and assemblies