

# APPLIED STANDARDS OVERVIEW

## TECHNICAL DELIVERY CONDITIONS

### CZECH REPUBLIC

ČSN 42 0165 Ferrite-Pearlite Steel Pipes with Guaranteed Impact Properties at Lower Temperatures  
ČSN 42 0250 Hot-Formed Seamless Steels Pipes Class 10 to 16  
ČSN 42 0251 Seamless Steel Pipes with Guaranteed Properties at Elevated Temperatures  
ČSN 42 0252 Seamless Steel Pipes Class 17  
ČSN 42 5720 Hot-Formed Seamless Square Steel Pipes (Size Standard incl.)  
VN 42 0256 Hot-Formed Seamless Pipes with Thick Walls Made of Steel Class 11 to 16  
VN 42 0249 Hot Formed Seamless Steel Pipes Ready for Manufacturing  
VN 42 5792 Flanged Length-Way Welded Pipes with Double Borders and Spin-on Flanges for PN 16 (Size Standard incl.)  
VN 42 5792 Flanged Pipes with Double Borders and Spin-on Flanges  
ČSN 42 0021 Asphalt Damp-Proof Insulation for Pipes below Js 50  
ČSN 42 0022 Asphalt Damp-Proof Insulation for Pipes above Js 50  
VN 42 0024 Special Asphalt Damp-Proof Insulation for Pipes

### INTERNATIONAL

### USA

API SPEC 5CT Standard for Casing and Pump Pipes (Size Standard incl.)  
API SPEC 5L Standard for Steel Pipes Used for Oil Transportation (Size Standard incl.)  
ASTM A53 Smooth Steel Pipes (Size Standard incl.)  
ASTM A530 General Requirements for Specialized Alloy Carbon and Alloy Steel Pipes  
ASTM A106 Seamless Carbon Steel Pipes for High-Temperature Service (Size Standard incl.)  
ASTM A333 Welded Seamless Steel Pipes for Low-Temperature Service  
ASTM A335 Seamless Ferritic Alloy Steel Pipes for High-Temperature Service

### GERMANY

DIN 1629 Seamless Non-Alloyed Steel Pipes with Special Quality Requirements  
DIN 1630 High-Performance Seamless Non-Alloyed Steel Pipes  
DIN EN 10 025 Constructional Steel  
DIN EN 10 208 Steel Pipes for Long-Distance Transportation of Flammable Agents (DIN 17 172)  
DIN EN 10 210 Tubular Profiles for Steel Constructions (DIN 17 121)  
DIN 17 175 Seamless Steel Pipes of Refractory Steel  
DIN 17 204 Pipes of Steel for Retreatment  
DIN 17 210 Pipes of Steel for Cementation  
DIN 17 176 Hydrogen-Resistant Seamless Steel Pipes

### RUSSIA

GOST 1050 High Quality Structural Carbon Steel Pipes (Materials)  
GOST 4543 Alloyed Steel (Materials)  
GOST 20072 Refractory Steel (Materials)  
GOST 8731 Hot-Formed Seamless Steel Pipes (TDP)

### FRANCE

NF A49-112 Hot-Formed Plain End Seamless Steel Pipes with Quaranteed Properties at Nomrmal Temperatures  
NF A49-211 Non-Alloyed Plain End Seamless Steel Pipes for Transportation of Agents with Elevated Temperature  
NF A49-311 Seamless Steel Pipes for Mechanical Use (Size Standard incl.)

## SIZE STANDARDS

### CZECH REPUBLIC

ČSN ISO 4200 Hot-Formed Plain End Seamless Steel Pipes  
ČSN 42 5715 Hot-Formed Seamless Steel Pipes  
ČSN 42 5716 Hot-Formed Seamless Steel Pipes with Minor Deviations  
ČSN 42 5750 Hot-Formed Seamless Stainless Steel Pipes

### INTERNATIONAL

### USA

ANSI/ASME B36.10M Welded Seamless Steel Pipes

### GERMANY

DIN 2448 Seamless Steel Pipes

### RUSSIA

GOST 8732 Hot-Formed Seamless Steel Pipes