

www.troyvalve.com



MADE IN THE USA

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Cast Iron Mud Valves

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong corrosive and erosive resistance, waste or potable water.
Stems meet or excide AWWA minimum requirements.	Extra strength to prevent failure even under extreme conditions.
Resilient rubber to bronze seat.	Provides positive shut off even with debris under seal.
Full rated to 150psi in positive direction.	Positive seal, no leakage.
Low pressure seal against reverse pressure.	Keeps outside material from entering main sump (size dependant).
Low torque.	Ease of operation, reduce size and cost of power operator if required.
Standard size range from 3" through 30".	No need to fabricate. Sizes over 30" can be fabricated.



Stainless Steel Mud Valves

FEATURE	BENEFIT
All metal parts are 316 stainless steel.	Strong corrosive resistance.
Stems meet or excide AWWA minimum requirements.	Extra strength to prevent failure even under extreme conditions.
Resilient rubber to bronze seat.	Provides positive shut off even with debris under seal.
Full rated to 150psi in positive direction.	Positive seal, no leakage.
Low pressure seal against reverse pressure.	Keeps outside material from entering main sump (size dependant).
Low torque.	Ease of operation, reduce size and cost of power operator if needed.
Standard size range from 3" through 12".	Larger sizes can be quickly fabricated.
TNEMEC NSF-61 Epoxy Coating Available.	Extra protection for very highly corrosive environments.



Cast Iron and Stainless Steel Flap Valves

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong corrosive and erosive resistance for waste or potable water.
Bronze-to-bronze seating is standard.	Hard, corrosive resistant C 83600 bronze for long life.
Resilient seat available. Buna-N std others available.	Provides drip tight shut off.
Sizes 4" through 30".	In stock. No waiting for fabrication. Other sizes can be fabricated.
4" & 6" cast stainless steel in stock - Larger sizes fabricated.	Other sizes can be fabricated to requested specifications.
Weighted flap valves are available.	Can be designed to meet customer requirements or be Troy Valve std.



Cast Iron Shear Gates

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong corrosive and erosive resistance for waste or potable water.
Sizes 4" through 30".	Readily available - short lead time or from stock.
Other sizes can be fabricated when needed.	Flexibility when non-standard size needed.
Bronze-to-bronze seating is standard.	Hard, corrosive resistant C83600 bronze for long life.
Lift arm is 24" standard or to customer specified length.	Provides customer with flexibility.
Bolt circle of body flange is offset 30 degrees from C.L.	Provides easier and greater opening with verticle lift of handle.
Inexpensive alternate to knife gate valve.	Substantial cost saving.



Telescoping Valves

FEATURE	BENEFIT
"Safety-Lock" self locking operator.	No separate mechanism needed. Provides stability of valve and wheel
Rack & pinion gear operator is standard.	Can be infinitely adjusted to desired height.
Variety of power operators available.	Allows user wide variety of choices for operation.
Both NRS and Rising stem versions available.	Provides customer flexibility.
Low- turn gear operators available.	Reduces number of handwheel turns required.
Slip Tubes available for all std. size pipe through 30".	Allows user wide variety of choices.
Slip tubes are 304SS with 316 optional.	High corrosive resistance.
Split ring Buna-N gasket is standard.	High corrosive resistance and easily replaceable.
All wetted moving parts are stainless steel.	High corrosive resistance.
Many options available; V-notch tube, scum baffles, weir cones, etc.	Provides customer flexibility.
Slip tube lubrication option available.	Allows for use in dry applications.



Ductile Iron Sluice Gates

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong corrosive and erosive resistance for waste or potable water.
Cast ductile iron.	Stronger and more lightweight than cast iron.
Slide grooves for gate internal to body.	Few parts, simplicity of design.
True dead-end service valve.	No need for down-stream blind flange or cap.
High seating pressure (50PSI) and unseating pressure (25PSI).	No leakage to full rated pressure.
Single flange attachment.	Ease of installation.



Cast Stainless Steel Sluice Gates

FEATURE	BENEFIT
Cast 316 SS body, disc and wetted parts.	Strong corrosive resistance in most environments.
High seating pressure (50PSI) and unseating pressure (25PSI).	No leakage to full rated pressure.
Slide grooves for gate internal to body.	Few parts, simplicity of design.
True dead-end service valve.	No need for down-stream blind flange or cap.
Single flange attachment.	Ease of installation.



Ductile Iron and Stainless Steel Floor Stands

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong corrosive and erosive resistance for waste or potable water.
83, 144, 288 turn options available.	Works with many different types of valves.
Made from ductile iron.	Stronger and more lightweight than cast iron.
Water tight available.	Necessary in certain applications.
Stainless steel available; fabricated to any height.	Allows customization to desired height of operators.
Bushed guide plate available.	Greater control over stem.
Can be made to hold actuator.	Can receive floor stand and actuator integrated from one supplier.



Ductile Iron and Stainless Steel Stem Guides

FEATURE	BENEFIT
Made from rugged ductile iron.	Lighter weight and stronger than cast iron.
All exposed surfaces coated in Tnemec NSF 61 two part epoxy.	Strong corrosive resistance for waste or potable water.
Stainless steel available on request.	Highly corrosive resistant.
Adjustable from 2.5" to 35" - larger sizes fabricated.	Great flexibility for design. Three lightweight versions available.
Bronze bushing in every unit which is bored to specification.	Reduces torque at actuator and is bored to stem size.



Cast Iron and Stainless Steel Wall PRVs

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong resistance to corrosive environments, can be used in wastewater and potable water.
Available in stainless steel.	Highly resistant to corrosive environments; can be used in waster and potable.
Available in any length.	No cutting in field.
Resilient to bronze seat.	Better against leakage.



Cast Iron and Stainless Steel Floor PRVs

FEATURE	BENEFIT
All exposed surfaces coated in Tnemec NSF-61 epoxy.	Strong corrosive and erosive resistance for waste or potable water.
Available in stainless steel,	Highly resistant to corrosive environments; can be used in waster and potable.
Available in any length.	No cutting in field.
Resilient to bronze seat.	Better against leakage than rubber to rubber.



Extension Stems

FEATURE	BENEFIT
Field adjustable.	No welding in field required when height change is necessary.
Available in carbon steel, stainless steel, barstock or pipe.	Can be customized to application.
Available with u-joints.	Allows for offsets.
Can be used with any valve or gear box.	Fits most requirements.
Wide variety of stem and drive connections.	Fits most requirements.
Rapid turn around - In 2 weeks or less.	No hold up in the field.

Troy Valves

Our Value

At Troy Valve, we supply more than a product. We supply a value that is uncommon in today's market place.

Loyalty: We greatly appreciate the relationships we have with our customers, which is why when a job comes up to bid, Troy Valve will not be bidding against you. We are your partner in the water industry, not your competitor.

Customization: Do you have a special requirement for a job? Penn Troy is a fully capable machine shop with highly trained and experience machinists. From special coatings on mud valves, to customized telescoping valves, our team will work with you on your project and get it right.

Quality: Penn Troy does all machining and assembly in house as to control the quality of our product. All product is inspected, and quality records kept, so you know that when your valve arrives on the job site, it will work.

Delivery: Need something quick? Penn Troy keeps a large inventory of product in house, and we will work with you on your timeline so your project can keep moving forward.



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