Elite
FLOW CONTROL
WE CONTROL THE FLOW.

Elite Texas Piping & Flanges LLC.

Houston-Based Flange Manufacturer,
Piping Stockist &
Complete Piping Solution Provider



- Local Flange Manufacturing
- Piping Stock
- Complete Piping Packages

ABOUT US

Elite Texas Piping & Flange LLC is a Houston, Texas based industrial flange manufacturer, piping stockiest, and complete piping solution provider serving the Oil & Gas, Petrochemical, Chemical, Power, LNG, Refining, Water, Industrial, EPC, Fabrication, and Maintenance sectors.

Our core manufacturing activity is the local manufacturing of industrial flanges in Houston, Texas, while our broader supply business provides customers with a comprehensive range of pipe fittings, bends, elbows, pipes, tubes, fin tubes, bolts, gaskets, and other piping components through our local stock and qualified domestic and international sourcing network.

This business model allows us to provide customers with a single procurement source for complete piping requirements combining locally manufactured flanges with stocked and sourced piping products.
Whether the requirement is for one flange, a complete fitting package, bulk piping materials, or a complete piping package, our team provides technical support, material sourcing, quality inspection, documentation, packaging, and delivery.

OUR VISION

To become a leading Houston-based flange manufacturer and complete piping solution provider, recognized for manufacturing quality, product availability, competitive pricing, technical capability, and dependable customer service.

OUR MISION

To provide customers with high-quality locally manufactured flanges and reliable piping products, supported by professional sourcing, stringent quality control, technical support, competitive commercial solutions, and dependable delivery.

OUR VALUES

Quality | Reliability
Integrity | Customer Focus
Technical Excellence
Fast Response | Accountability
Continuous Improvement

OUR COMMITMENT

At Elite Texas Piping & Flange LLC, we believe that supplying piping materials is more than delivering individual products.
We provide a complete procurement solution designed around the customer's technical, commercial, quality, and delivery requirements.

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15730 W. Hardy Road, Unit 340, Houston, Texas 77060
Tel: 832-987-1774 / 832-539-6968 | Email: pvf@elitegocl.com

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OUR BUSINESS MODEL

Our objective is to reduce the number of suppliers our customers need to manage and provide one reliable source for their piping material requirements.

LOCAL MANUFACTURER

Flanges are manufactured locally in Houston, Texas.

STOCKIST & SUPPLIER

Pipes, fittings, bends, elbows, tubes, fin tubes, bolts, gaskets, and other piping products supplied from stock and qualified sourcing partners.

COMPLETE PIPING SOLUTIONS

Complete piping packages combining flanges and other piping components according to customer MTOs, BOMs, drawings, specifications, and project requirements.

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Our Products

INDUSTRIAL FLANGES
LOCAL HOUSTON MANUFACTURING

Elite Texas Piping & Flange LLC specializes in the local manufacturing of industrial flanges in Houston, Texas.

Our flange manufacturing scope includes:



Weld Neck Flanges



Slip On Flanges



Blind Flanges



Lap Joint Flanges



Socket Weld Flanges



Threaded Flanges



Reducing Flanges



Orifice Flanges



Spectacle Blind Flanges



Long Weld Neck Flanges



Anchor Flanges



Swivel Ring Flanges



Compact Flanges



API 6A Flanges



Tube Sheets



Baffle Plate

We can manufacture flanges according to customer drawings, MTOs, Piping specifications, project requirements, applicable standards, pressure class, Flange facing, drilling, bore, dimensions, and material grade.

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Flange Facings

Raised Face (RF)
Flat Face (FF)
Ring Type Joint (RTJ)
Tongue & Groove
Male & Female
Special Facing

Flange Pressure Classes

150# | 300# | 600# | 900# | 1500# | 2500#

Special and higher pressure requirements can be reviewed based on applicable standards and project requirements.

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Flanges
Materials & Gardes

Our local flange manufacturing capability supports a broad range of industrial materials.

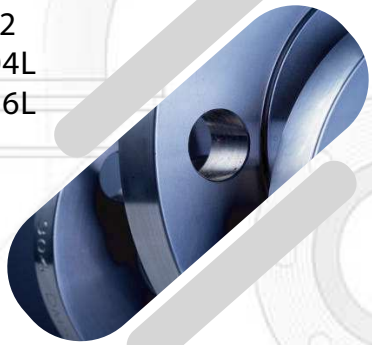
Carbon Steel

ASTM A105/A105N
ASTM A350 LF2
ASTM A694 F42
F52
F60
F65
F70



Stainless Steel

ASTM A182
F304 / F304L
F316 / F316L
F321
F347
F44



Alloy Steel

ASTM A182 F5
F9
F11
F22
F91
F92



Duplex & Super Duplex

ASTM A182 F51
F53
F55
UNS S31803
S32205
S32750
S32760



Nickel & Specialty Alloys

Inconel
Incoloy
Monel
Hastelloy
Alloy 20
Nickel Alloys



Special material grades can be reviewed according to customer specifications and project requirments.

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Stockist & Supplier

Pipe Fittings

We are a stockiest and supplier of industrial pipe fittings supporting standard, project, maintenance, and emergency requirements.
Our fitting range includes:


Elbows


Bends


Tees


Concentric Reducers


Eccentric Reducers


Weldolets


Sockolets


Crosses


Nipples


Caps


Stub Ends


Couplings


Threadolets


Forged Fittings


Butt-Weld Fittings


Socket-Weld Fittings


Threaded Fittings

Elbows & Bends

We supply a broad range of:

45° Elbows
90° Elbows
180° Elbows
Long Radius Elbows
Short Radius Elbows
Seamless Bends
Welded Bends
Induction Bends

Carbon Steel
Stainless Steel
Alloy Steel
Duplex
Super Duplex
and Nickel Alloys.

ASME B16.9
ASME B16.11
MSS
ASTM A234
ASTM A403
ASTM A420

Pipes & Lines Pipe

Elite Texas Piping & Flange LLC supplies seamless and welded pipes and line pipe for industrial and energy applications.
Our supply scope includes:



Seamless Pipe


Welded Pipe


Stainless Steel Pipe


Duplex Pipe



Alloy Steel Pipe

Pipe & Lines

We supply a broad range of:

Oil & Gas Pipelines
Process Piping
Water Systems
Chemical Plants
Petrochemical Plants
Power Plants
Industrial Facilities

API 5L Gr. B
X42, X52, X60, X65
A106 Gr. B
A333 Gr. 6
A335 P11
P22 | P91

API 5L
ASTM A106
ASTM A53
ASTM A333
ASTM A335
ASTM A312

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Stockist & Supplier

Tubes

We supply a wide range of industrial and process tubes, including:



Seamless Tube



Welded Tubes



Stainless Steel Tubes



Duplex Tubes



Alloy Tubes



U Tubes



Instrumentation Tubes

Tubes
Material Incude:

Carbon Steel
Stainless Steel
Alloy Steel
Duplex
Super Duplex
Nickel Alloys

Common specifications include applicable ASTM A179, A192, A210, A213, A249, A269, A789, A268, A519, and customer/project requirements.

Fin Tubes

Elite Texas Piping & Flange LLC also supplies fin tubes and heat-transfer tube products for heat exchangers, air coolers, boilers, condensers, and other thermal applications.
Our fin tube supply can include:



L-Fin Tubes



Extruded Fin Tubes



G-Fin/Embedded Fin Tubes



Condenser Finned Tubes



High Frequency Welded Fin Tubes



Fin Tubes Bundles

Fin Tubes
Material Incude:

Air-Cooled Heat Exchangers
Heat Exchangers
Boilers
Condensers
Process Heating
Cooling Systems

Dimensions
Fin density
Fin height
Tube OD
Wall thickness

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Stockist & Supplier

Bolts, Nuts & Washertss

We supply industrial bolting packages for piping, flange, pressure vessel, and equipment applications.
Our supply range includes:



Stud Bolts



Heavy Hex Bolts



Anchor Bolts



Hex Bolts



Machine Bolts



Nuts



Washers



Heavy Hex Nuts



Custom Bolting

Material & Grade

Bolting can be supplied according to applicable ASTM, ASME, project specifications, coating requirements, dimensions, and service conditions.

Common materials and grades include:
ASTM A193 B7 | B7M | B8 | B8M | L7 | L7M
ASTM A320 L7 B8 | B8M
ASTM A194 2H | 2HM | 7 | 8 | 8M

Gaskets

Elite Texas Piping & Flange LLC supplies industrial gaskets for piping and equipment applications.
Our gasket range includes:



Spiral Wound Gaskets



Ring Type Joint (RTJ) Gaskets



Graphite Gaskets



PTFE Gaskets



Metallic Gaskets



Non-Asbestos Gaskets



Kammprofile Gaskets



Insulating Gasket Kits



Flange Isolation Kits

Gasket Materials

SS316/Graphite, SS304/Graphite, Carbon Steel/Graphite, PTFE, Expanded Graphite, Specialty Alloys

Gaskets can be supplied according to ASME B16.20, ASME B16.21

Flange class, size, facing, temperature, pressure, and service conditions.

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Complete Piping Packages

Our key advantage is our ability to supply complete piping packages rather than individual products only.

A typical package can include:


Flanges


Pipes


Elbows


Bends


Valves


Gaskets


Bolts


Nuts & Washers


Piping Accessories


Tubes


Fin Tubes

Customers can provide us with an MTO, BOM, piping specification, isometric drawing, RFQ, purchase order, or complete project requirement, and our team can coordinate the complete material package.

This gives customers:
One Supplier, One Procurement Contact, Consolidated Documentation, Coordinated Inspection, Simplified Logistics, Competitive Pricing

Material We Supply

Our overall piping supply capability covers:


Carbon Steel


Stainless Steel


Alloy Steel


Duplex


Super Duplex


Nickel Alloys


Inconel


Monel

Materials Section

Material selection is based on the applicable project specification, service conditions, pressure, temperature, corrosion requirements and customer-approved material standards.

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Intrusive Pig Signaler

Product Description

An Intrusive Pig Signaler is a mechanical pipeline monitoring device installed on pig launchers, pig receivers, and pipeline sections to detect and indicate the passage, arrival, or departure of pipeline pigs. A sensing probe extends into the pipeline and is activated when the pig passes, triggering a visible mechanical flag and optional electrical signal.



Main Functions

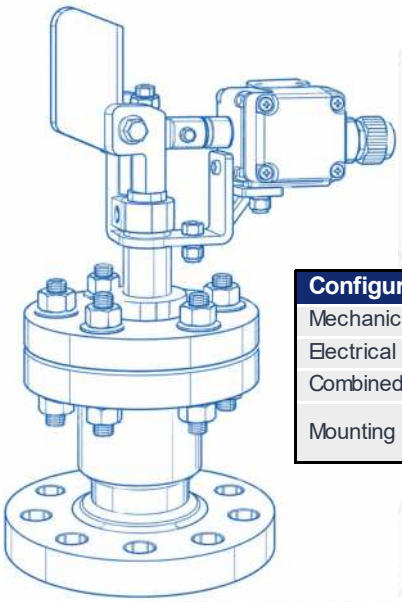
Pig Launcher: Confirms successful pig departure after launching.
Pig Receiver: Indicates pig arrival during pipeline operations.
Pipeline Monitoring: Detects pig passage at designated pipeline locations.
Operational Safety: Provides visual confirmation and optional remote indication to operators.

Available Options

Mechanical visual flag indicator.
Electrical limit switch or proximity sensor.
Combined visual and electrical indication.
Boss-mounted or flanged installation configurations.

Applications

Pipeline cleaning, gauging, batching, inspection, maintenance, and intelligent pigging operations.



Available Configuration Concepts

Configuration	Indication	Notes
Mechanical / visual	Manual-reset or selected flag arrangement	Simple local indication
Electrical	Limit switch or proximity switch	Electrical interface to be defined by project
Combined	Visual flag plus electrical output	For local and remote indication
Mounting arrangement	Welded boss or flanged connection	Subject to line class, wall thickness and installation design

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Quick-Opening Closure (QOC)

A Quick-Opening Closure (QOC) is a pressure-containing access device designed for quick and safe opening and closing of pig launcher and receiver barrels, filter vessels, strainers and pressure equipment. It provides convenient access for pipeline pigs, inspection, cleaning, maintenance and internal equipment servicing without removing conventional bolted blind flanges.



MAIN FUNCTIONS

Pig Launcher: Provides quick access for loading and installing pipeline pigs before launching operations.
Pig Receiver: Allows safe access for retrieving pigs after pipeline cleaning, inspection or batching operations.
Filters & Strainers: Enables convenient access for filter element replacement, cleaning and maintenance.
Pressure Vessels: Provides access for internal inspection, servicing and periodic maintenance.

DESIGN FEATURES

Segmented locking-ring, clamp or yoke-type locking arrangements.
Horizontal and vertical installation configurations, subject to design.
Manual or optional hydraulic opening arrangements.
Pressure-warning devices and mechanical safety interlocks.
Hinged door with sealing and locking mechanisms.

APPLICATIONS

Oil & gas pipelines, pig launcher and receiver systems, gas processing plants, refineries, petrochemical facilities, storage terminals, filtration systems and industrial pressure vessels.

Material & Engineering Options

Carbon steel, stainless steel and duplex steel options, with suitable sealing materials, corrosion protection and pressure ratings selected according to project specifications.

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Industry Standards

Our manufacturing and supply capabilities support applicable international standards and specifications, including:

ASTM | ASME | API | MSS | NACE | ISO

Common standards include:

ASME B16.5 | ASME B16.9 | ASME B16.11
ASME B16.20 | ASME B16.21 | ASME B16.36
ASME B16.47 | ASME B16.48 | API 6A | API 5L
ASTM A105 | ASTM A182 | ASTM A350
ASTM A694 | ASME B564

For sour-service applications, applicable NACE MR0175 / ISO 15156 requirements can be reviewed.

Products are supplied according to the applicable standard and customer/project specification.

Quality Management & Control

Elite Texas Piping & Flange LLC maintains a stringent Quality Management and Quality Control System to ensure the quality, traceability, reliability, and conformity of our products.

Our quality control process covers:

Materials Inspection

Dimensional Inspection
Visual Inspection
Material Identification
MTC Review
Heat Number Verification
Grade Verification

In-Process Inspection

Visual Inspection
Dimensional & Shape Inspection
Hardness Testing
Processing Condition Check
Machining Inspection
Traceability Verification

Final Inspection

Visual Inspection
Dimensional Inspection
NDE/NDT
PMI
Mechanical Testing
Pressure Testing Where Applicable
Certification Review
Third-Party Inspection

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Quality Documentation

Depending on project requirements, we can provide:

Mill Test Certificates (MTC)
Certificate of Conformance
Material Traceability
Dimensional Reports
PMI Reports
Hardness Reports
NDE Reports
Hydrostatic Test Reports
Mechanical Test Reports
Inspection Reports
Third-Party Inspection Reports
Packing Lists
Marking Records

Local Houston Advantage

Our Houston-based operation provides customers with a local source for flange manufacturing and piping supply.

Local manufacturing and stock/sourcing capabilities help customers:

- Reduce procurement lead times
- Reduce dependence on overseas procurement for flange requirements
- Support emergency and maintenance requirements
- Consolidate piping purchases
- Reduce the number of suppliers
- Obtain competitive pricing
- Receive local commercial support
- Coordinate complete piping packages
- Simplify logistics and delivery

Our goal is to become a long-term local piping partner for customers throughout Texas and the United States

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Industries we serve

Depending on project requirements, we can provide:

Oil & Gas	Chemical	Marine
Upstream	LNG	Industrial Manufacturing
Midstream	Power Generation	EPC
Downstream	Water & Wastewater	Fabrication
Refining	Pharmaceutical	Maintenance
Petrochemical	Food & Beverage	Shutdown & Turnaround Projects

We support

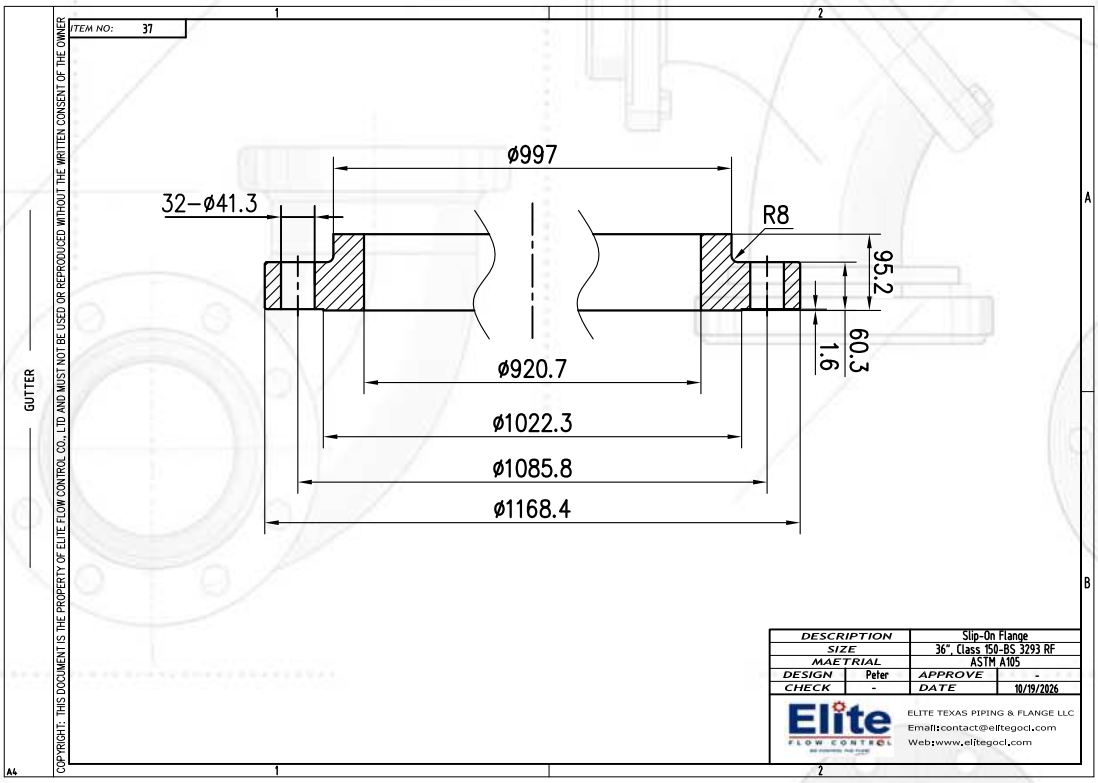
EPC Contractors | Engineering Companies | Fabricators | Mechanical Contractors
Pipe Contractors | Distributors | Industrial Suppliers | Valve Companies | Oil & Gas
Operators | Industrial Plants | Maintenance Contractors | Procurement Companies
End Users

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Engineering & Manufacturing Support

We work closely with your engineering and project teams to develop customized piping components and engineered products that meet your technical specifications, application requirements, and project needs.



We Can Support

Custom Flanges | Forgings | Tubesheets | Special Components

Material Selection & Recommendations | Engineering Analysis | Technical Calculations
Design Review | Manufacturing Drawings | Piping Isometrics | 2D & 3D Design

We assist in selecting suitable material grades based on service conditions, operating temperature, pressure, corrosion resistance, applicable standards, and project specifications.

From initial engineering discussions and material selection to design development, manufacturing, inspection, and final delivery, we provide integrated technical and manufacturing solutions tailored to your requirements.

Your Engineering Requirements. Our Manufacturing Expertise.

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Custom Flange Manufacturing

When a standard flange is not suitable,
our Houston manufacturing capability allows
us to review special and custom flange requirements

We can review requirements for:

- Special Dimensions
- Custom Drilling
- Special Bore
- Special Facing
- Non-Standard
- Thickness
- Special Materials
- Large-Diameter Flanges
- High-Pressure Flanges
- Equipment Flanges
- Custom Drawings

Packing & Delivery

Products can be packaged according to customer and project requirements, including:

- Wooden Cases
- Pallets
- Steel Frames
- Export Packing
- Protective Covers
- Individual Packing
- Consolidated Packages
- Product Marking
- Heat Number Identification

We can coordinate domestic delivery from Houston and support broader freight and logistics requirements through our supply network.



WHY ELITE TEXAS PIPING & FLANGE LLC?

LOCAL FLANGE MANUFACTURER

Industrial flanges manufactured locally in Houston, Texas.

PIPING STOCKIST

Pipes, fittings, elbows, bends, tubes, fin tubes, bolts, gaskets, and related piping products supplied through stock and qualified sourcing.

COMPLETE PIPING SOLUTIONS

One source for complete piping material packages.

QUALITY & TRACEABILITY

Inspection, material certification, traceability, and documentation according to project requirments.

FAST RESPONSE

Houston-based commercial and supply support.

COMPETITIVE PRICING

Local Manufacturing combined with strategic sourcing capabilities.

TECHNICAL SUPPORT

Support with material grades, standards, specifications, drawings, and project requirments.

ONE PROCUREMENT SOURCE

Reduce the complexity of meaning multiple suppliers for piping materials.

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ELITE TEXAS PIPING & FLANGE LLC

- Flanges
- Fittings
- Tubes

- Pipes
- Bends
- Fin Tubes

- Pipes
- Bends
- Fin Tubes

"Your Piping Partner, Controlling the Flow."

Get in Touch

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