



# BROOK

WIN BROOK TECHNICAL WORKS LLC

[www.brook-me.com](http://www.brook-me.com)



# **WHO WE ARE ?**

**Win Brook Technical Works LLC is a versatile company specializing in mechanical and electrical services**

**Flow Control Systems**

**Expertise in Steel Product Trading**

**Comprehensive solutions**

**Valve | Pump | Actuator | MCC installations**

# MISSION

- Deliver innovative, reliable solutions.
- Enhance client efficiency and sustainability.
- Commit to project excellence.
- Ensure superior service and satisfaction.



# VISION

- Lead globally in mechanical and electrical solutions.
- Commit to quality and innovation.
- Set industry standards through continuous improvement.
- Drive sustainable practices and strategic growth.

# CORE VALUES



## Excellence

Strive for excellence in all aspects of our business to deliver superior results



## Innovation

Foster a culture of innovation to develop cutting-edge solutions for our clients



## Sustainability

Promote sustainable practices in our operations and solutions



## Integrity

Uphold the highest standards of integrity and transparency in all our dealings



## Customer Focus

Prioritize our clients' needs and work diligently to exceed their expectations.

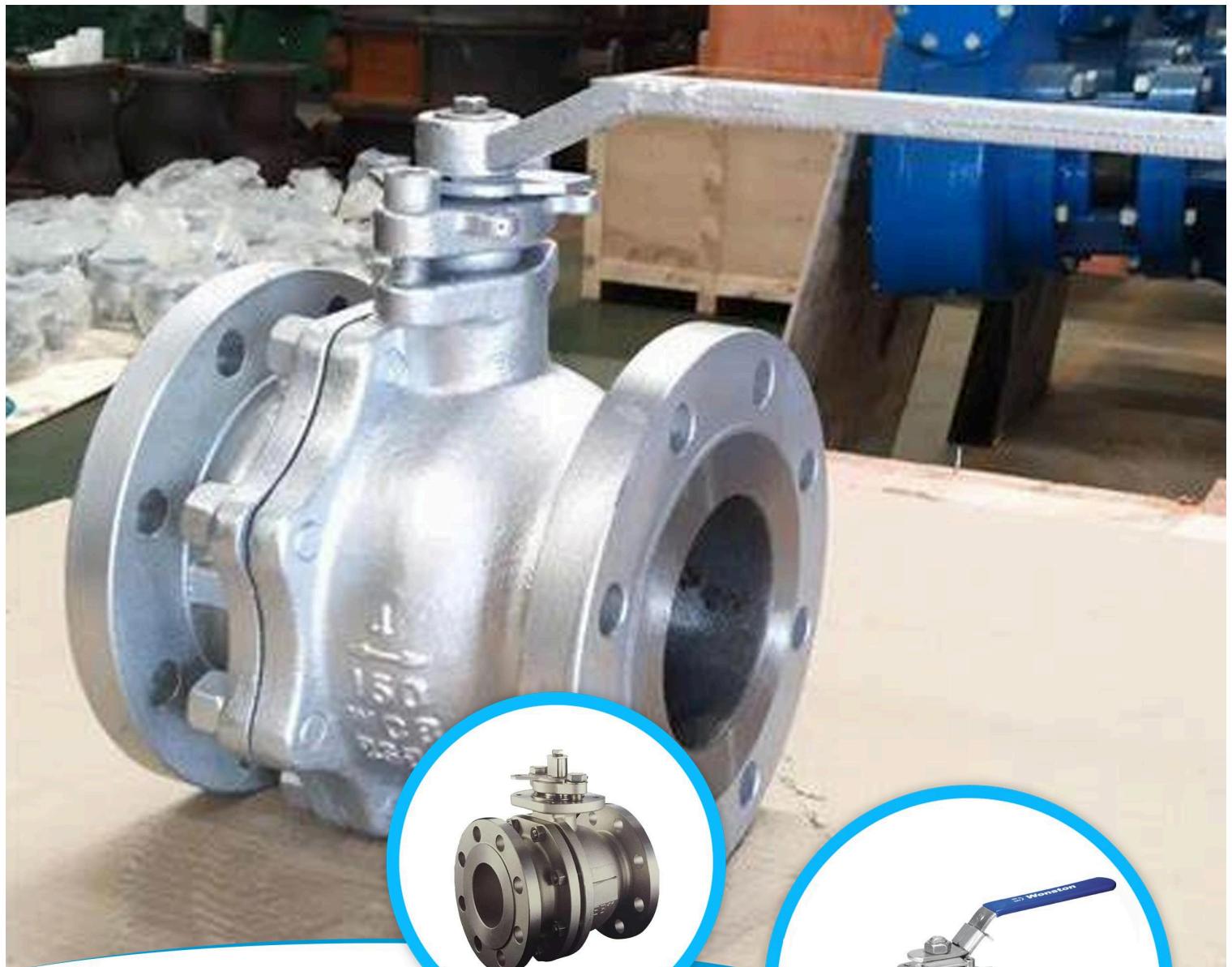


## Collaboration

Encourage teamwork and collaboration to achieve collective success



# VALVES



## FLOATING BALL VALVE

**SEALING: SOFT SEATED or METAL SEATED**

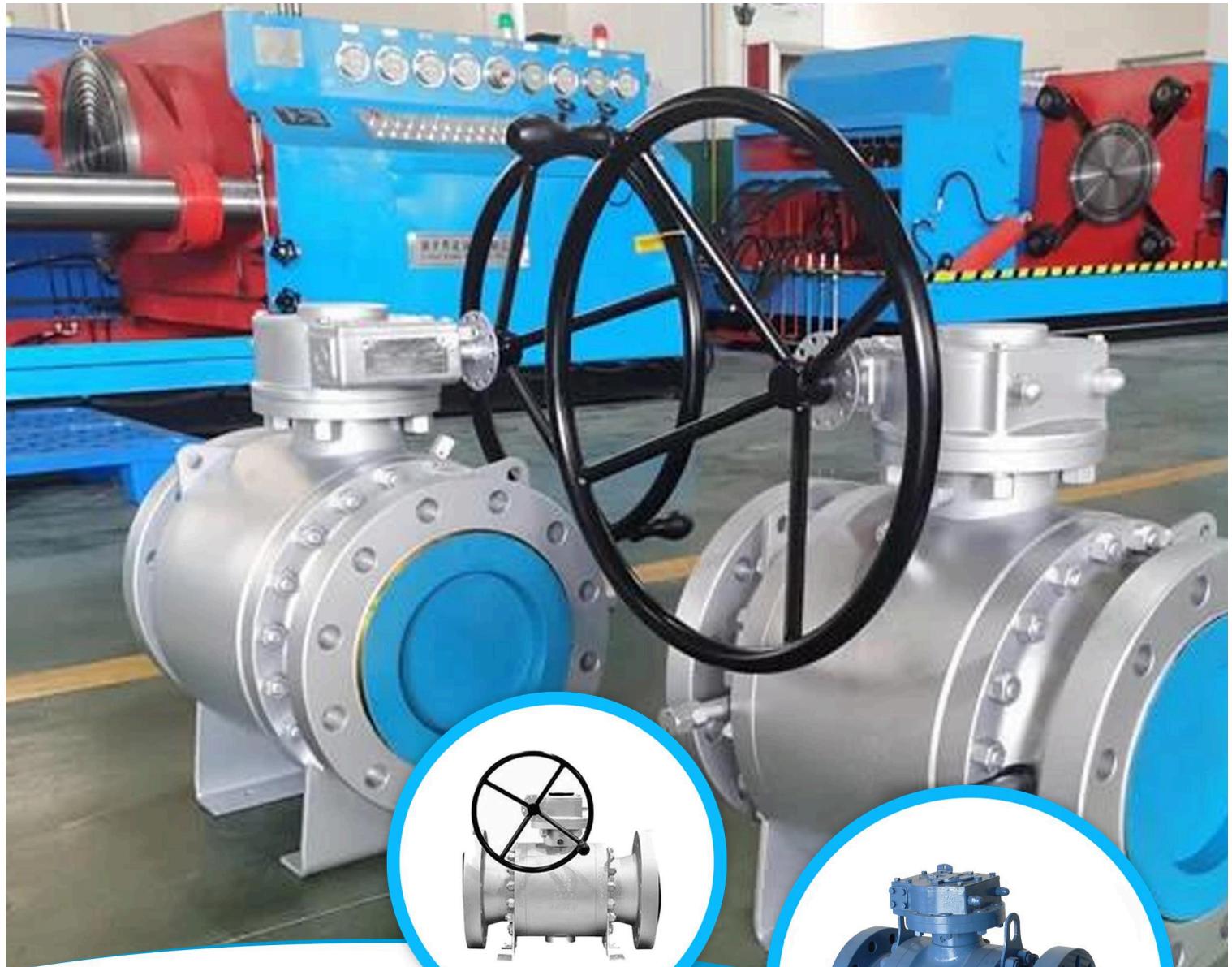
**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL,  
CRA & DUPLEX STEEL**

**DESIGN STANDARDS: ISO 17292 / API 6D / ASME B16.34**

**OPERATION: LEVER / GEAR / ACTUATOR**

**SIZE RANGE: 1/2" to 8"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs**



## TRUNNION BALL VALVE

**SEALING: SOFT SEATED or METAL SEATED**

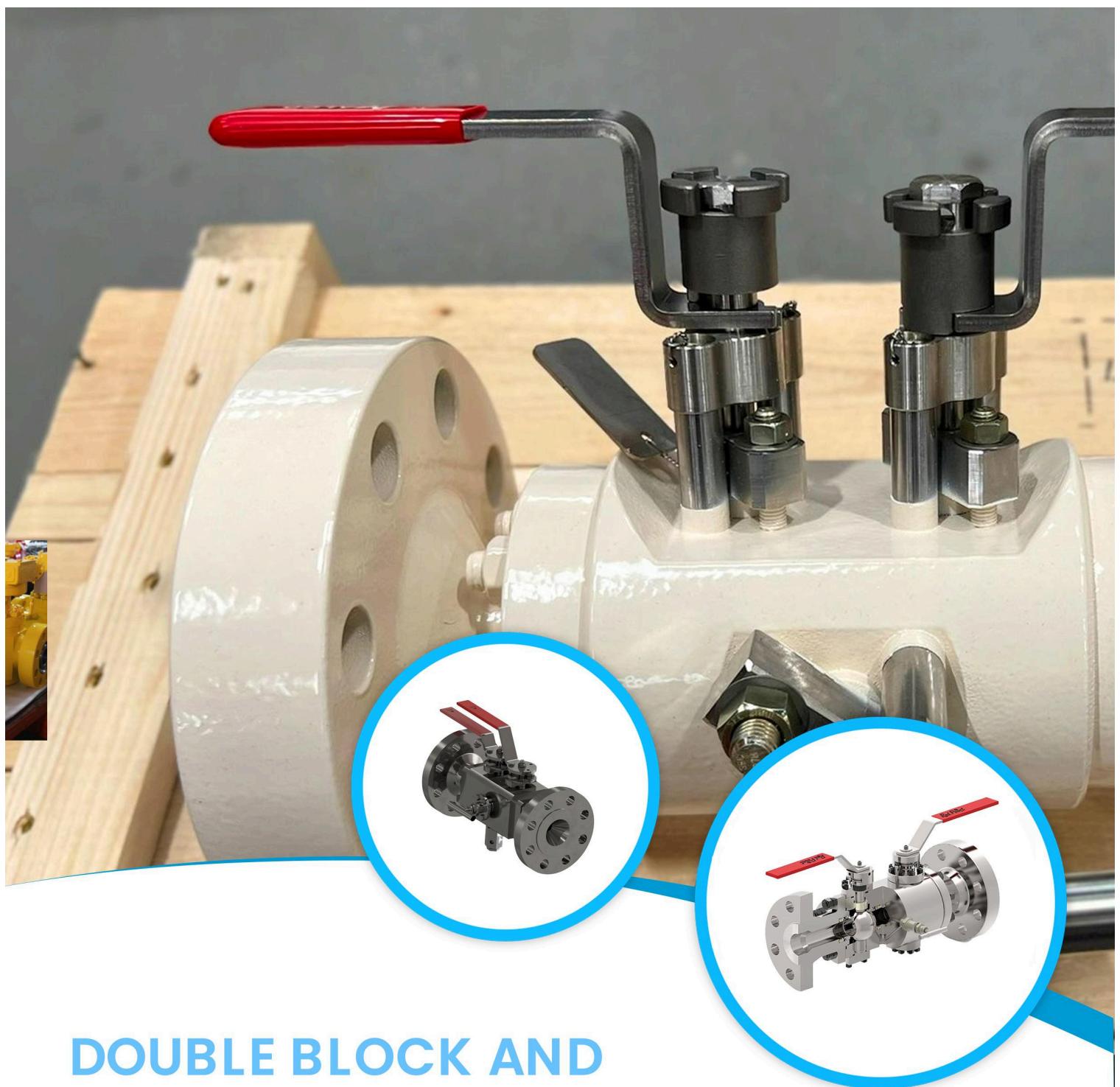
**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL,  
CRA & DUPLEX STEEL**

**DESIGN STANDARDS: API 6D / ASME B16.34**

**OPERATION: LEVER / GEAR / ACTUATOR**

**SIZE RANGE: 1/2" to 36"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs**



## DOUBLE BLOCK AND BLEED VALVES

**SEALING: SOFT SEATED or METAL SEATED**

**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL,**

**CRA & DUPLEX STEEL**

**DESIGN STANDARDS: ISO 17262 / API 6D / ASME B16.34**

**OPERATION: LEVER / GEAR / ACTUATOR**

**SIZE RANGE: 1/2" to 36"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs, 3000 PSI TO 10000 PSI**



## API 6A TRUNNION BALL VALVE

**SEALING: SOFT SEATED or METAL SEATED**

**STANDARD MATERIALS: As per API 6A**

**DESIGN STANDARDS: API 6A**

**OPERATION: LEVER / GEAR / ACTUATOR**

**SIZE RANGE: 1 -13/16" TO 30"**

**PRESSURE CLASS: 5000 PSI TO 20000 PSI**



## GLOBE VALVE

**SEALING: METAL SEATED**

**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL,**

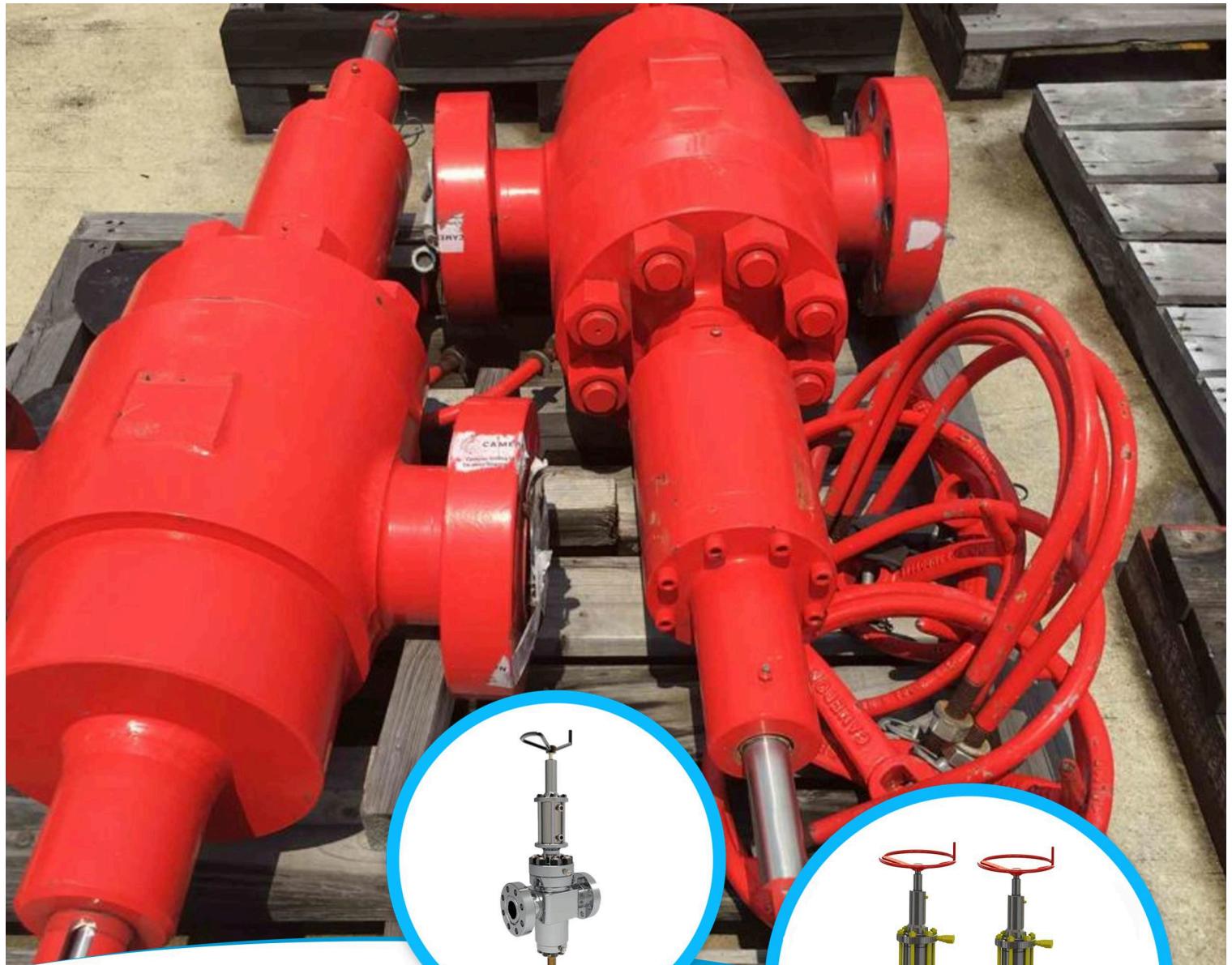
**CRA & DUPLEX STEEL**

**DESIGN STANDARDS: API 602 / BS 1873 / ASME B16.34**

**OPERATION: HAND WHEEL / GEAR / ACTUATOR**

**SIZE RANGE: 3/8" to 48"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs**



## API 6A HYDRAULIC GATE VALVE

**SEALING: METAL SEATED**

**STANDARD MATERIALS: AS PER API 6A**

**DESIGN STANDARDS: API 6A**

**OPERATION: HAND WHEEL / GEAR / ACTUATOR**

**SIZE RANGE: 1 -13/16" to 13 -5/8"**

**PRESSURE CLASS: 5000 PSI to 20000 PSI**



## WEDGE GATE VALVE

**SEALING: SOFT SEATED or METAL SEATED**

**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL,**

**CRA & DUPLEX STEEL**

**DESIGN STANDARDS: API 602 / API 600 / BS1873 / ASME B1634**

**OPERATION: HAND WHEEL / GEAR / ACTUATOR**

**SIZE RANGE: 3/8" to 48"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs**



## CHECK VALVE

**BODY CONSTRUCTION: LIFT CHECK VALVE, SWING CHECK VALVE, BALL CHECK VALVES, SINGLE PLATE CHECK VALVE, DUAL PLATE CHECK VALVE**

**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL, CRA & DUPLEX STEEL DESIGN**

**DESIGN STANDARDS: API 602 / BS5352 / BS 1868 / API 594 / ASME B16.3 4**

**OPERATION: HAND WHEEL/ GEAR / ACTUATOR**

**SIZE RANGE: 1/2" TO 48"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs**



## SLIM LINE MONOFLANGE

**SEALING:** SOFT SEATED or METAL SEATED

**STANDARD MATERIALS:** CARBON STEEL, STAINLESS STEEL,  
CRA & DUPLEX STEEL

**DESIGN STANDARDS:** ASME B16.34

**OPERATION:** T Lever

**SIZE RANGE:** 1/2" TO 3"

**PRESSURE CLASS:** 150 Lbs to 2500 Lbs



## NEEDLE VALVE

**SEALING:** SOFT SEATED or METAL SEATED

**STANDARD MATERIALS:** CARBON STEEL, STAINLESS STEEL,  
CRA & DUPLEX STEEL

**DESIGN STANDARDS:** API 6D / ASME B16.34

**OPERATION:** T-Lever

**SIZE RANGE:** 1/4" TO 1-1/2"

**PRESSURE CLASS:** 6000 PSI to 15000 PSI



## BUTTERFLY VALVE

**SEALING: SOFT SEATED or METAL SEATED**

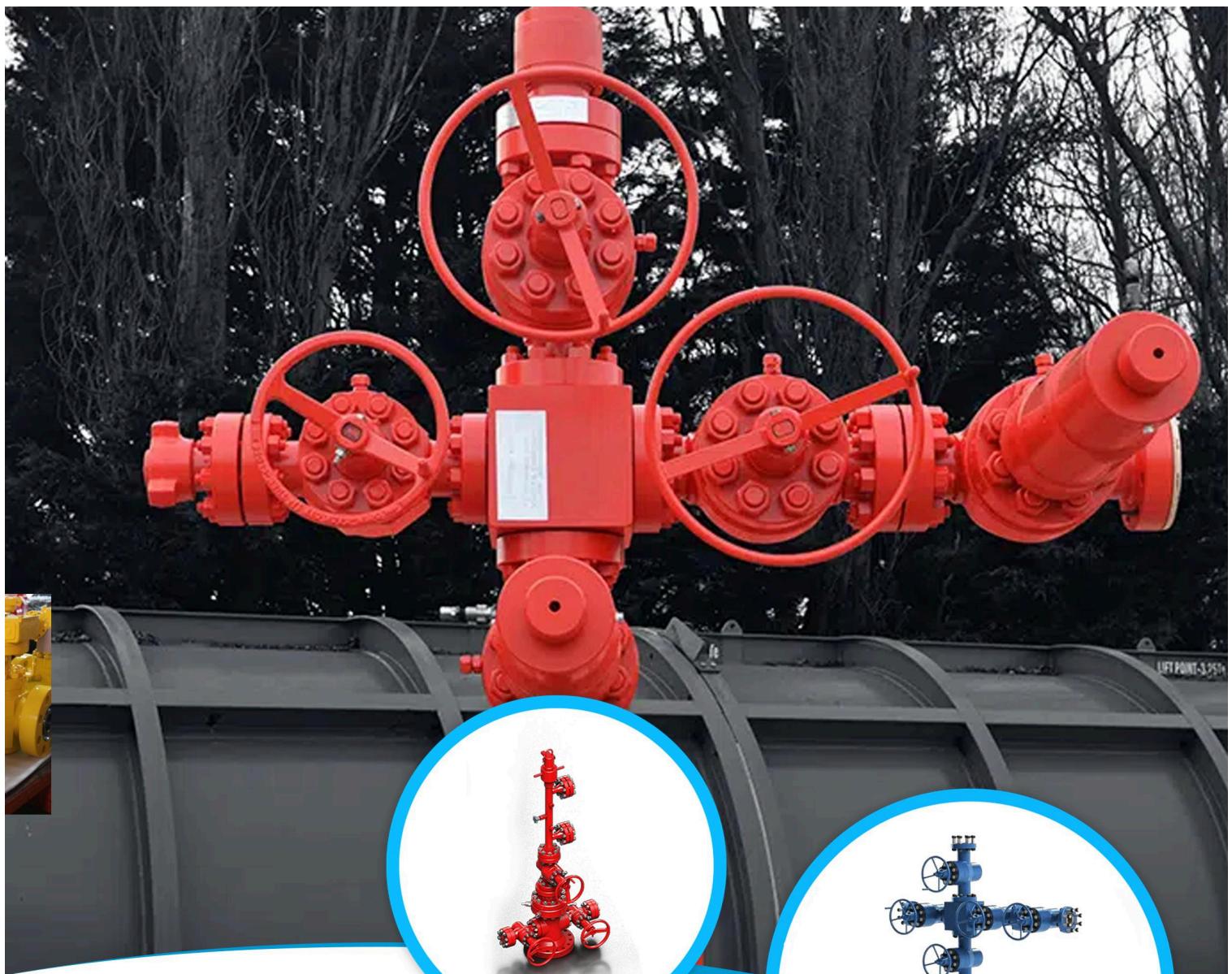
**STANDARD MATERIALS: CARBON STEEL, STAINLESS STEEL,  
CRA & DUPLEX STEEL**

**DESIGN STANDARDS: API 609 / ASME B16.34**

**OPERATION: HAND WHEEL/ GEAR / ACTUATOR**

**SIZE RANGE: 1/2" TO 48"**

**PRESSURE CLASS: 150 Lbs to 2500 Lbs**



## WELL HEAD CHRISTMAS TREE

**SEALING:** METAL SEAT: DESIGNED FOR HIGH-PRESSURE, HIGH-TEMPERATURE (HPHT) ENVIRONMENTS.

**ELASTOMER SEALS:** PROVIDES RELIABLE SEALING IN VARIOUS WELL CONDITIONS.

### STANDARD MATERIALS:

**CONF. 1 - STAINLESS STEEL:** OFFERS EXCELLENT CORROSION RESISTANCE FOR SUBSEA AND SURFACE APPLICATIONS.

**CONF. 2 - ALLOY STEEL:** ENSURES HIGH STRENGTH AND DURABILITY UNDER EXTREME PRESSURES.

**SIZE RANGE:** API 6A - 1 13/16" TO 7 1/16"

**PRESSURE CLASSES:** UP TO 20,000 PSI



# PIPELINES



# SEAMLESS CARBON STEEL PIPES

## Product Size Range

Size from 1/2" to 24"  
Schedule starting from 20 to XXS

## Specifications and Grades

ASTM/ASME/SA106 Grade B  
ASTM/ASME/A53 Grade B  
ASTM/ASME/SA333 Grade 6  
API 5L Gr B, X42, X52, X60



# SEAMLESS STAINLESS STEEL PIPES

## Product Size Range

Size from 1/2" to 12"  
Schedule starting from 10S to 80s  
Lengths in SRL and Exact 6 Meter

## Specifications and Grades

ASTM/ASME/A/SA 312 TP 304/304L  
ASTM/ASME/A/SA 312 TP 316/316L



# WELDED STEEL PIPES

## Product Size Range

Size from 1/2" to 36"  
Schedule STD, 40 and 80  
SAW, ERW  
Lengths in SRL and Exact 6 Meter  
Factory Galvanized and Mill finish

## Specifications and Grades

ASTM/ASME/SA106 Grade B  
ASTM/ASME/ A53 Grade B  
ASTM/ASME/SA333 Grade 6  
API 5L Gr B, X42, X52, X60  
ASTM/ASME/A/SA 312 TP 304/304L  
ASTM/ASME/A/SA 312 TP 316/316L

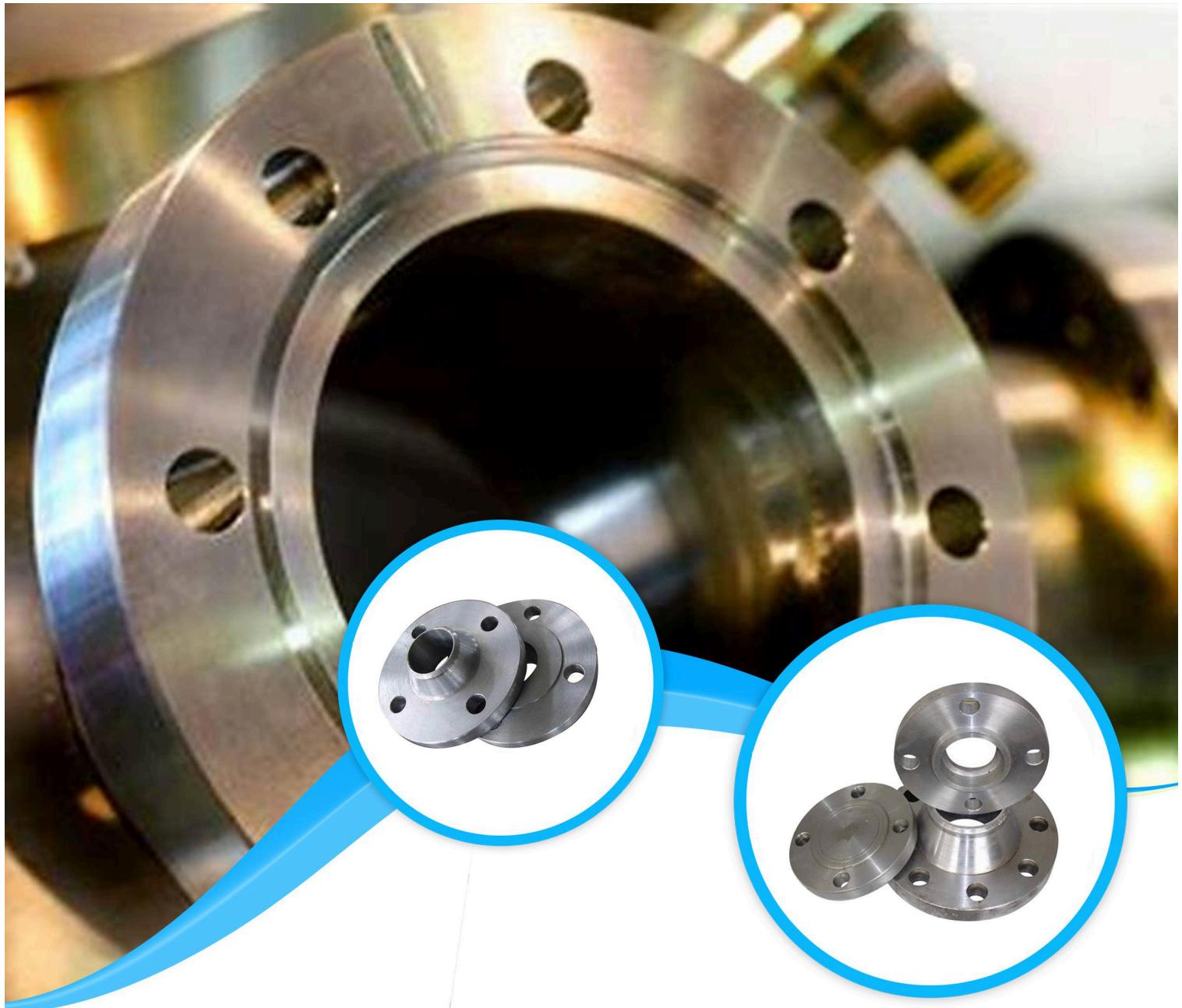


# OCTG (OIL COUNTRY TUBULAR GOODS )

**A specialist stockist and supplier of OCTG and accessories with standard API connections and high end corrosion resistant alloy (CRA). Size Range-1.66" to 36" Manufactured and supplied in accordance with API 5CT, Common Grades in J55/K55, N80, L80, C90, T95, P110 etc.**



# FLANGES



# FLANGES

## Product Range

Size from 1/2" to 60"  
Carbon Steel flanges  
schedule from 20 to XXS

## Specifications and Grades

- ASTM/ASME/A/SA 105N
- ASTM/ASME/A/SA 350 LF2 CL.1
- Stainless Steel flanges schedule from 10s to 80s
- ASTM/ASME/A/SA 516 Gr.60/65/70
- Pressure Rating Class 150, 300, 600, 900, 1500, 2500
- ASTM/ASME/A/SA 182 F304/304L  
Pressure Rating PN10, PN16, PN25, PN40
- ASTM/ASME/A/SA 182 F316/316L  
FF, RF and RTJ



# FLANGES

We have a wide range of flanges and spectacle blinds in various materials and sizes in accordance with international standards to complement its range of pipes and fittings for various energy projects.

- **Welding Neck Flange**
- **Threaded Flange**
- **Slip -On Flange**
- **Socket Weld Flange**

- **Blind Flange**
- **Lapped Flange & Orifice Flange**
- **Slip -On Flange**
- **Spades, Spacers & Spectacle**



# FITTINGS



## INSTRUMENTAL FITTINGS

- **Tube & Pipe Fittings** are available in **Single & Double Ferrule Design**.
- **Tube Fittings** are available in **SS 316, Duplex, Monel, Hastelloy & Brass Materials**. Variety of end connections, **Male & Female NPT, SW, BSPP, BSPT & 37° Flare**.
- **Maximum working pressure up to 10,000 psig. (689 bar)**.
- **Size ranging from 1/16" to 2" OD and 3mm to 50mm OD**.



## FORGED PIPE FITTINGS

We supplies Forged Pipe fittings with socket weld or threaded ends, in all grades of Carbon Steel, Stainless Steel and Alloy steel, according to EN, ASTM and API Standards

**Some of the most supplied forged pipe fittings are:-**

- **90D Elbow**
- **Equal Tee**
- **Caps**
- **Three - Piece Union**

- **Crosses**
- **45D Elbow**
- **Reducing Tee**
- **Branches Fittings**



## BUTT WELD FITTINGS

We supply Butt weld fittings in all grade of carbon steel, and Alloy steel, according to EN, ASTM and API standards in seamless or welded construction

- Equal Tees
- Reducing Tees
- Concentric and Eccentric Reducers

- Elbows 90D (Short and long radius)
- Elbows 45D (Short and long radius)
- Bends in any radius



ELECTRICAL SOLUTIONS



# EV CHARGING

As electric vehicles continue to gain popularity, Win Brook is dedicated to providing dependable EV charging solutions. Our stations offer fast and efficient charging for commercial spaces, public areas, and residential communities, driving the transition to clean and sustainable transportation.



# SOLAR POWER

As solar energy propels the transition toward renewable sources, Win Brook is committed to delivering efficient and reliable energy solutions. Our systems are designed for a wide range of applications, from residential homes to large industrial projects. By optimizing energy consumption, we not only enhance performance but also contribute to a more sustainable future. With a focus on innovation and reliability, we aim to support the global movement toward greener energy practices.



# LV SWITCHGEAR & CONTROLGEAR PANEL

- MANUFACTURING STANDARD: IEC 61439-1 & 2: 2020 Edition 3, IEC 61921:2017
- AUTHORITY STANDARDS: ADDC, AADC, DEWA, SEWA & FEWA
- CURRENT RATING: Up to 2500A
- kA Rating: 36kA, 50kA & 65kA
- INDEX OF PROTECTION: IP31, IP41, IP54 & IP65
- FORMS OF SEPARATION: Form2b, Form3b & Form4b Type6
- MOUNTING: Floor mounting type & Wall mounting type
- CABLE ENTRY: Top & Bottom with Front or Rear Access (Up on client requirement)
- ENCLOSURES:  
Electrogalvanized sheet steel,  
Glass reinforced  
polyester (GRP), Single Wall Aluminium & Double wall Aluminium
- AMBIENT TEMPERATURE: 50oC



## LV SWITCHGEAR & CONTROLGEAR PANEL

# PRODUCTS

- MAIN DISTRIBUTION BOARD
- SUB MAIN DISTRIBUTION BOARD
- FINAL DISTRIBUTION BOARD
- CAPACITOR BANK
- SOURCE CHANGEOVER SYSTEM (MANUAL / AUTO)
- MOTOR CONTROL CENTER
- CONVENTIONAL CONTROL PANEL
- PLC OPERATED CONTROL PANEL



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