



الشركة العالمية للأنابيب
Global Pipe Company



When QUALITY
and STRENGTH Count

Introduction



Global Pipe Company (GPC) is a Saudi – German joint venture with a total investment exceeding SR. 710 Million.

Global Pipe Company (GPC) is the leading manufacturer of Longitudinal Submerged Arc Welded (LSAW) pipes in the MENA area for the oil, gas, petrochemical, OCTG, power generating, wind towers and civil engineering industries.

First manufacturer of heavy walled LSAW Pipe up to 50.8 mm thickness in the Middle East.

State-of-the-art Manufacturing equipment and process for efficient and flexible pipe production.

It is equipped with the most advanced technology, systems and modern manufacturing facilities, having an annual nominal production capacity of 400,000 metric tons.

JCO+E & +C, Roll Bending Process, Powerful welding lines for DSAW welding and fully equipped Lab.

Global Pipe Company features an extensive regional coverage, a diversified product range a highly qualified work force and a strong partnership between:

Saudi Steel Pipe Co. (SSP)
Erndtebruecker Eisenwerk, Germany (EEW)
Mr. Ahmed Hamad Al Khonaini
Pan Gulf Holding (PGH)



Products



1 LINE PIPES

16-62 inch pipe diameter is produced by JCO or 3-Roll bending machine and is cold sizing by expander machine achieving the desired dimension. GPC is specialist in large diameter heavy wall thickness pipes for sour and sweet (Non sour) services.

2 STRUCTURAL PIPES

Structural tubular is produced by:

- JCO (Diameter: 16-62 inch and length: 13.2 m)
- 3-Roll bending (Diameter: 24 -62 inch and length: 13.2 m)
- 4-Roll Bending (Large Diameter up to 200 inch, Heavy wall thickness up to 168 mm and length: 4.2m).

Assembly: For piles assembled length up to 36 m.

3 WELL CASING

GPC has technical collaboration with world leading well casing/conductor connector providers. GPC has dedicated production line for assembly of connectors with plain end pipe in 40 FT and 60 FT assembled length.

4 WIND TOWER

Fabrication of wind tower segments (cans and cons) segments including secondary steel, accessories and segments joining with flanges.

PRODUCTION LINES



▶ JCO LINE

In this line pipe forming process, the plate is press formed into a J-shape, C-shape and then O-shape by incremental progressive pressing along the length.

Specification: API 5L Gr. B – X80

Size: 16" – 62" (406.4 – 1574.8 mm)

Thickness: 8 mm to 2" (50.8 mm)

Length: Max 13.2 m

Nominal Capacity: 170,000 MT/ Year

Application: Onshore / Offshore Oil and Gas Transmission lines, sour Service (Corrosion Resistance to fluids Containing H₂S and CO₂)

▶ FOUR ROLL BENDING LINE

Specification: API 2B, ASTM and EN

Size: 46" – 200" (1168.40 – 5080 mm)

Thickness: up to 6.61" (168 mm)

Length: Max 36 m assembled length

Nominal Capacity: 30,000 MT/ Year

Application: Leg Cans, Bracings for Jackets, Piling Pipe and Civil construction High Rise / Stadium / Airport.

Additional services: Pre-fabrication services.



▶ THREE ROLL BENDING LINE

In this line pipe forming process the plate is formed / rolled in three roll bending machine to get the required diameter.

Specification: API 5L Gr. B – X80

Size: 24" – 62" (609.6 – 1574.8 mm)

Thickness: 6.4 mm to 1" (25.4 mm)

Length: Max 13.2 m

Nominal Capacity: 200,000 MT/ Year

Application: Onshore / Offshore Oil and Gas Transmission lines, sour Service (Corrosion Resistance to fluids Containing H₂S and CO₂)

▶ WELL CASING WELDING LINE

Welding the connector with plain end pipe.

Specification: API 5L and API 5CT

Size: 16" – 36" (406.4 – 914.4 mm)

Thickness: 12.7-25.4 mm

Length: 6000-13500 mm

Nominal Capacity: 30,000 MT/ Year

Application: Casing, OCTG and Conductor Pipe.

EQUIPMENT



Global Pipe Company has a state of the art equipment and machines for pipe manufacturing and inspection:

1. Two expander machines for cold sizing to achieve the desired pipe dimension.
2. Calibration machine for cold sizing to achieve the desired pipe dimension.
3. The SAW process is carried out by a powerful welding machines as follow :
 - LSAW ID machines with three wires.
 - LSAW OD machines with four wires.
4. Hydrostatic test machine up to 650 bar.
5. Four Automatic online Ultrasonic testing machines.
6. Three X-Ray Bunkers.
7. Phased array ultrasonic testing with weld rover for inspection of circumferential welds.

Also, GPC has a laboratory is fully equipped with the latest technology for:

8. Impact test up to 750J
9. Tensile test up to 1600KN.
10. Drop Weight Tear Test up to 100KJ.
11. Vickers hardness test.
12. Optical Microscope up to 1000X.
13. Corrosion Test: HIC and SSC/FBPT Test.

CERTIFICATES



Global Pipe Company works with an Integrated Management System that covers all areas of Quality, Health, Safety and Environment.

أرامكو السعودية
Saudi Aramco



Approved by **SAUDI ARAMCO** under vendor no. 10047949

We are certified to:

- ISO 9001
- ISO 14001
- OHSAS 18001
- API Q1
- API 5L - License No. 0955
- API 2B - License No. 0142



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