

# STAINLESS STEEL PRODUCT

## KOSI KALAN PLANT

Jindal SAW Limited has set up the largest manufacturing facility in India for Stainless Steel Tubular products, for both welded and seamless. Its strategic manufacturing locations (Maharashtra, Gujarat and Uttar Pradesh) are well connected by road and ports to cater to both domestic and global markets. JSAW has adopted the most advanced manufacturing techniques/processes to produce the widest size range of tubes/pipes.

Our Kosi Kalan unit (Mathura, Uttar Pradesh) has an installed capacity of 18000 MT annually. The highly advanced and sensitive production facility ensures the highest standard of product in terms of accuracy, geometry, length and surface finish. The sophisticated customer management system helps in focussing on providing shorter delivery lead times and efficient post sales customer management.

We manufacture both seamless as well as welded pipes and tubes. The factor that differentiates pipes with tubes is its tolerance, which is more in pipes as compared to tubes. The pipes are described in **NB** (called NOMINAL BORE, long back with time) **or NPS** (now identified as NOMINAL PIPE SIZE). These pipes are used to carry the liquid from one point to another and often over long distances. Hence, they are joined using COUPLING, ELBOW, UNION etc.

On the other hand, the tubes are used for transferring HEAT from the liquid, be it cooling or heating. Hence, HEAT TRANSFER is important. Therefore, the tolerance of the OD or wall thickness is much tighter than of Pipes.

We also manufacture U-Bend Tubes from both welded and seamless tubes. These are widely used for heat exchanger application.

We offer a wide range of stainless steel pipe and tubes that are widely used for transferring liquids that are to be used in high temperature or low temperature both applications. These SS Pipes and Tubes cater to the following Industries:

- Oil & Gas Industry
- Power Industry
- Nuclear, Thermal and Solar Power Plants
- Automobile Industry
- Chemical Industry
- Steel Industry
- Paper & pulp Industry
- Fertilizer Industry
- Paint Industry
- Food & dairy Industry
- Sugar Industry
- Pharmaceutical Industry

The AUSTENITIC STAINLESS STEEL pipes/tube are made as per ASTM/ASME specification and EN specification.

## STAINLESS STEEL PRODUCT KOSI KALAN PLANT

### Product Portfolio:

S.No.	PRODUCT	SPECIFICATIONS	Grade	SIZE		LENGTH
				DIAMETER	THICKNESS	
<b>1. Welded Category (Pipe and Tube)</b>						
1	Welded Stainless Steel Tubes (Heat Exchanger, Condenser and LP/HP Heater U Tubes)	ASTM A/SA 249, A269, A270	3 Series Grade (Austenitic Steel)	15.88 mm OD to 101.6 mm	0.5 mm to 3.8 mm	Up to 15 Meters for Straight Tubes  Upto 30 Meters for U -Tubes
		EN 10217-7 as per ISO Tolerance				
		ASTM A/SA 789, EN 10217-7	Duplex & Super Duplex	15.88 mm OD to 101.6 mm	1.0 mm to 3.8 mm	
2	Welded Stainless Steel/ Duplex/Super Duplex Pipes	ASTM A312 /ASME SA312	3 Series Grade (Austenitic Steel)	1/2" to 12" NPS	Up to 8.5 mm	Straight length up to 12.2 Meter  Generally produced in 12 meters double random length. Can be cut into smaller lengths as per customers requirement
		ASTM A790/ ASME SA790	Duplex & Super Duplex	1" to 12" NPS	2.0 mm to 8.5 mm	

**STAINLESS STEEL PRODUCT**  
**KOSI KALAN PLANT**

**2. Seamless category (Pipe and Tube)**

1	Stainless Steel Seamless Tubes	ASTM A/ASMESA213, A/SA789, A269 EN10216-5 as per ISO Tolerances	3 Series Grade (Austenitic Steel) & Duplex & Super Duplex	6 mm to 139 mm	0.7 mm to 8 mm	Upto 15 Meters Straight Tubes Upto 25 Meters for U -Tubes
2	Stainless Steel/ Duplex/Super Duplex Seamless Pipes	ASTM A312/ASME SA312 EN10216-5 As per ISO Tolerances	3 Series Grade (Austenitic Steel)	1/2" to 10" NPS	Upto SCH80S	Straight length up to 12.0 Meter
		ASTM A 790/ASME SA790	Duplex & Super Duplex			

**3. U-Bend Tube**

5	U-Bend Tubes	ASTM A688 ASME SA688 ASTM A803/ASME SA803	Minimum Radius 1.5D, Maximum Radius 1500 mm Welded & Seamless Both
---	--------------	--	---