

Products

- Stainless Steel Seamless Pipe
- Stainless Steel Seamless Heat Exchanger Tubes
- Stainless Steel Seamless Heat Exchanger "U" Tubes
- Stainless Steel Seamless Instrumentation Tubes
- Stainless Steel Buttweld Fittings
- Stainless Steel Electro Polished Pipes, Tubes & Fittings
- Flanges, Rings & Customised forgings

Follow us on    @surajlimited



SURAJ LIMITED

Registered Office : 'Suraj House', Opp. Usmanpura Garden,
Ashram Road, Ahmedabad - 380 014. Gujarat (India)
Phone : 0091-79-2754 0720, 2754 0721 Fax : 0091-79-2754 0722
Whatsapp : 0091-95124 11444 Email : suraj@surajgroup.com

www.surajgroup.com
Progress is Life

SURAJ



STAINLESS STEEL PIPES & FITTINGS SERVING WORLD WIDE



SURAJ LIMITED

www.surajgroup.com
Progress is Life



SURAJ LIMITED

**Manufacturer of Austenitic / Ferritic /
Martensitic / Duplex & Super Duplex
Stainless Steel Seamless Pipe, Tubes, 'U' Tubes,
Fittings, Flanges & Electro Polished Finish.**

Suraj Policy

Suraj is a professionally managed Public Limited Company established in 1994 with an aim to become one of the market leaders in the country. Suraj has a specialist to manufacture and supply of Austenitic, Ferritic, Martensitic, Duplex & Super Duplex Stainless Steel Seamless Pipes, Tubes, "U" Tubes, Fittings, Flanges & Electro Polishes Finish in various sizes, specifications and grades. Our products are manufactured to the highest quality standards and are very competitive price. We hold strong and good financial position, self sustained infrastructure, wide network of client's and deep knowledge of manufacturing our above products.

Quality....

Suraj Management team firmly dedicates it self to providing customers with products of the very high quality standards. Specifications and control systems are strictly adhered to International standards. The management team engages in regular communication with all employees to ensure that the quality policy is properly understood, implemented and maintained at all levels. We are firmly committed to consistent supply of our products to full satisfaction of our valued customers through continues improvement the Processes, Resources and Methods to comply with ISO-9001:2015, ISO-14001:2015 & BS OHSAS 45001 : 2018.

Environment, Health & Safety....

At Suraj we place environmental issues as a top priority. We are committed to comply with all statutory requirements related to Environment, Health Safety, Pollution, Prevention, injury and ill health through continuous efforts.

Commitment

Suraj Committed by Increasing Value for its Share Holders.



Product	Size / Range	Thickness / Class	Specification
Stainless Steel Seamless Pipe	1/8 NPS to 12 NPS	SCH 5s, 10s, 40s, 80s, 160, XXs	ASTM A-312, ASTM A-376, ASTM A-790, API 5LC
Stainless Steel Seamless Butt weld Fittings	1/2 NPS to 12 NPS	SCH 5s, 10s, 40s, 80s, 160, XXs	ASTM A-403, ASTM A-815, EN : 10253/4



Quality Certification & Approvals

Stainless Steel Pipe, Tubes, 'U' Tube Fittings, Flanges & Electro Polished Finish are manufactured and tested to International standards, under Supervision by qualified and experienced technocrats. Quality System is certified / approved for ISO 9001:2015, ISO 14001:2015, BS OHSAS 45001:2018, AD 2000 Merkblatt W0, Pressure Equipment Directive 97/ 23/ EC and Govt. Recognized Export House. All the materials are Certified as per 3.1, 3.2 and are also available with the Inspection of Internationally renowned Inspection Agencies as under



Domestic



and many more...



Overseas



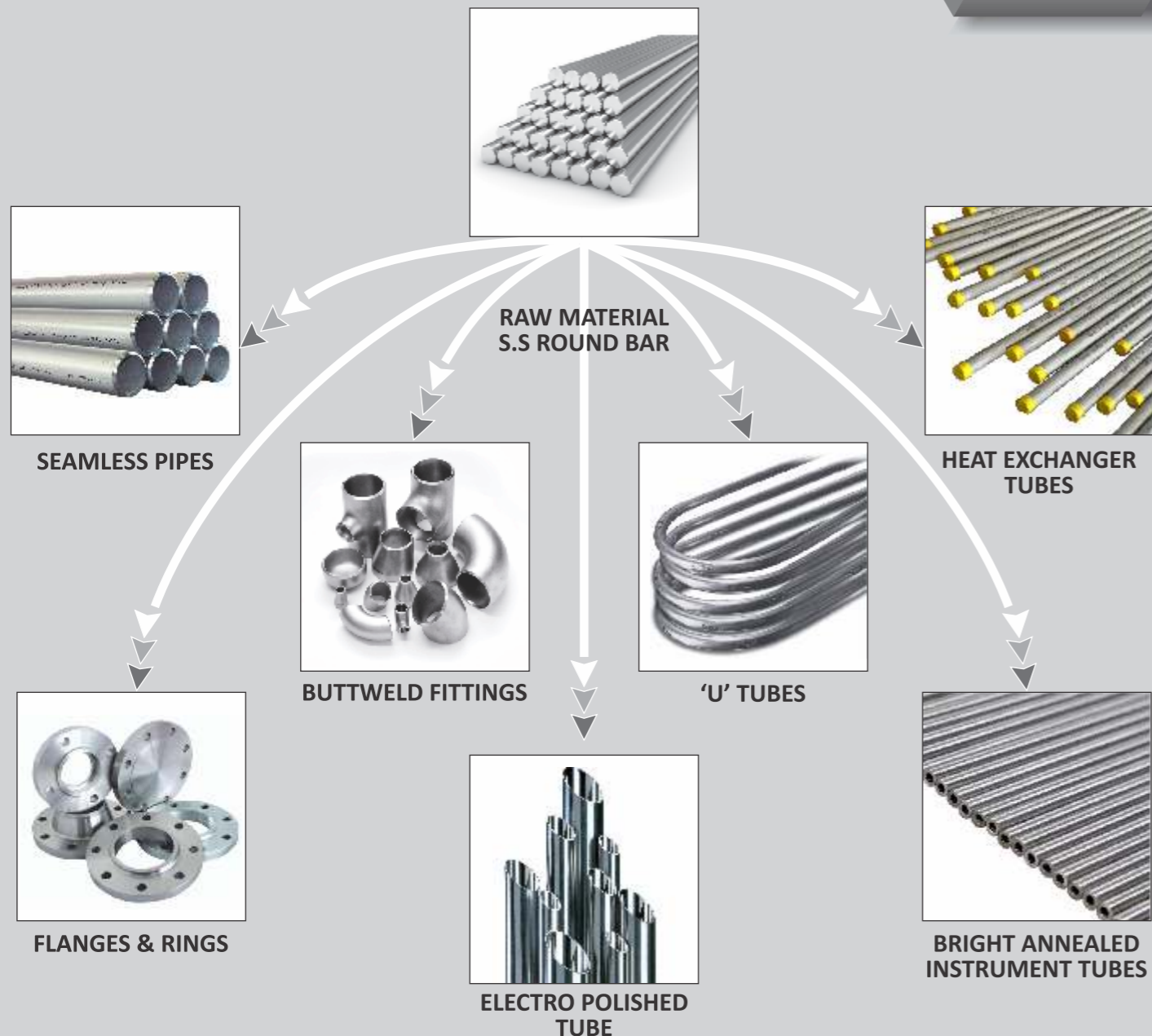
and many more...

Suraj Integrated Products

Suraj Ltd is having state of art manufacturing facilities spread over 8,40,000 Square feet land with Total built up construction area 4,20,000 square feet.

We have Installed total 30 Pilger Lines and 20 Draw Benches all are in running condition with a production capacity of 15,000 Metric Ton per annum. Which leads us the biggest manufacturer of Stainless Steel Seamless Pipes & Tubes manufacturing unit in India running since more than 30 years.

We have total 6 different plants dedicated for each product in 2 different locations for manufacturing Stainless Steel Seamless Pipes, Tubes, 'U' Tubes, Instrumentation Tubes, Electro Polished Tubes, Buttweld Fittings & Flanges.



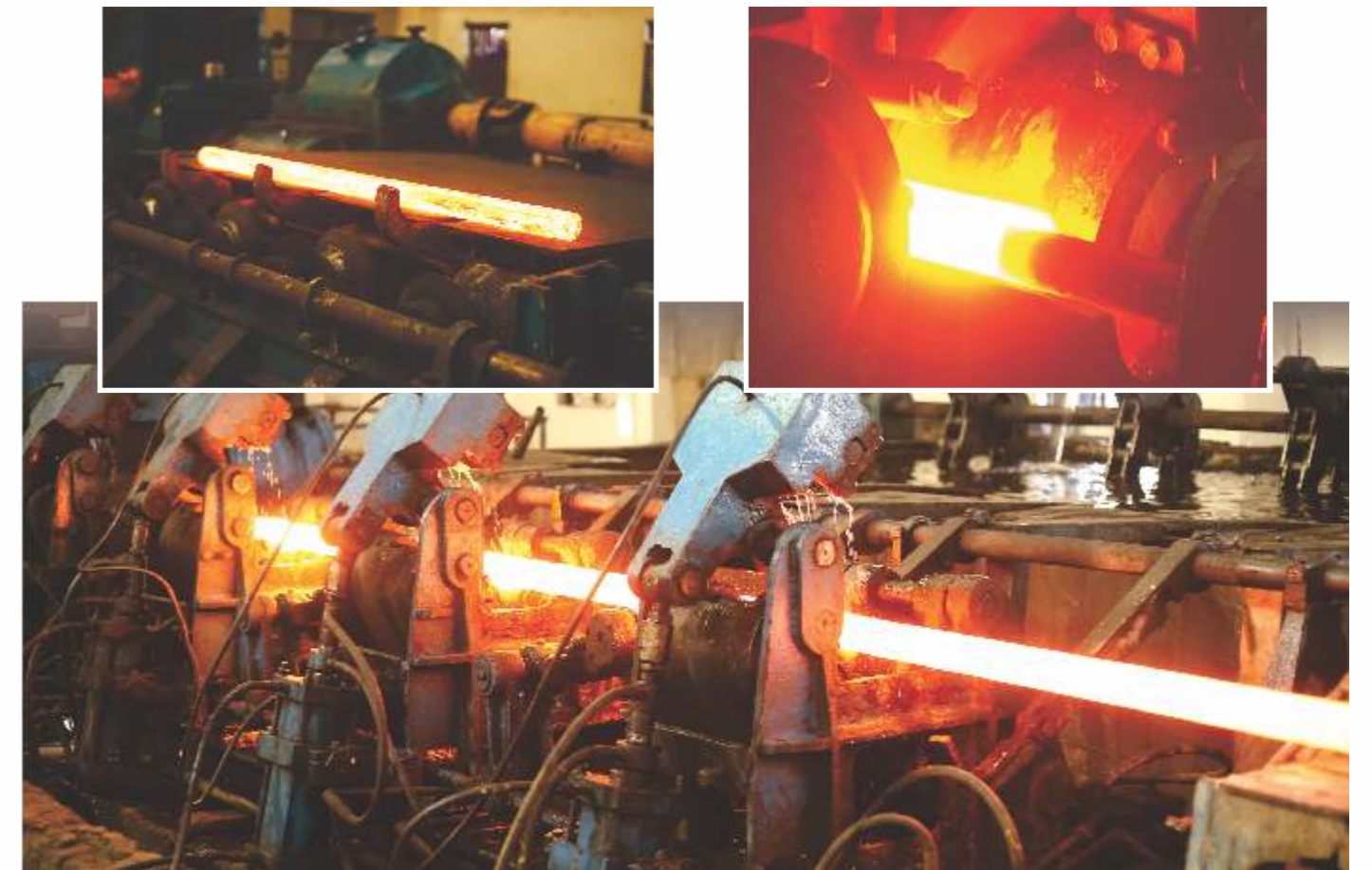
Seamless Hot Finish Mother Pipes



We are having State of the art facility for the production of Mother Pipe to produce Seamless Tubes and pipes. We use Stainless Steel round bars of reputed Indian producers for production of Mother Pipes. The round bars undergo various operations to get final finish.

With the help of Hot Piercing Process we can produce Mother Pipes. We are using these mother pipes as a raw material to produce Seamless Pipes & Tubes in Cold Pilger Mill or a Cold Drawing.

With this facility we serve our products at level best to the industry.





Stainless Steel Seamless Pipes



Suraj Limited is having a good capacity to make seamless pipes from its own Mother Hollows with solution annealing in a continuous roller hearth furnace. Suraj is giving product under all third party and customers inspection with In-house testing facilities also can supply in double random length up to 12 meter on customer's request.

- Size** : 1/8" NPS TO 12" NPS
- Thickness** : Sch 5s, 10s, 40s, 80s, 160, XXS
- Specification** : ASTM A-312, A-790,
Equivalent to ASME, EN, JIS Etc.
- Type of Packing** : Seaworthy Wooden Box
: Seaworthy Bundle Packing
- End Preparation** : Bevel End (BE)
: Plain End (PE)



Manufacturing Scope



Nominal Pipe Size in Inch /mm			5s	10s	20	30	STD	40s	40	60	80s	80	100	120	140	160	XXs
1/8	6	10.24	1.24				1.73				2.41						
			0.28				0.37		0.47								
1/4	8	13.72	1.65				2.24	2.24			3.02						
			0.50				0.64	0.64			0.81						
3/8	10	17.15	1.65				2.31	2.31			3.20						
			0.64				0.86	0.86			1.12						
1/2	15	21.34	1.65	2.11			2.77	2.77			3.73					4.78	7.47
			0.81	1.01			1.29	1.29			1.64						1.98	2.59
3/4	20	26.67	1.65	2.11			2.87	2.87			3.91					5.56	7.82
			1.03	1.30			1.71	1.71			2.22						2.93	3.69
1	25	33.40	1.65	2.77			3.38	3.38			4.55					6.35	9.09
			1.31	2.12			2.54	2.54			3.28						4.29	5.52
1.1/4	32	42.16	1.65	2.77			3.56	3.56			4.85					6.35	9.70
			1.67	2.73			3.44	3.44			4.52						5.68	7.87
1.1/2	40	48.26	1.65	2.77			3.68	3.68			5.08					7.14	10.16
			1.92	3.15			4.10	4.10			5.48						7.34	9.68
2	50	60.33	1.65	2.77			3.91	3.91			5.54					8.74	11.07
			2.42	3.99			5.52	5.52			7.59						11.27	13.63
2.1/2	65	73.03	2.11	3.05			5.16	5.16			7.01					9.52	14.02
			3.74	5.34			8.76	8.76			11.57						15.12	20.68
3	80	88.90	2.11	3.05			5.49	5.49			7.62					11.13	15.24
			4.58	6.55			11.45	11.45			15.48						21.64	28.06
3.1/2	90	101.60	2.11	3.05			5.74	5.74			8.08						
			5.25	7.51			13.76	13.76			18.89						
4	100	114.30	2.11	3.05			6.02	6.02			8.56			11.13		13.49	17.12
			5.92	8.48			16.30	16.30			22.63			28.71		34.00	41.59
5	125	141.30	2.77	3.40			6.55	6.55			9.52			12.70		15.87	19.05
			9.59	11.72			22.07	22.07			31.36			40.83		49.76	58.22
6	150	168.28	2.77	3.40			7.11	7.11			10.97			14.27		18.26	21.95
			11.46	14.01			28.65	28.65			43.14			54.94		68.48	80.30
8	200	219.08	2.77	3.76	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.63	23.01	22.23
			14.98	20.24	33.77	37.32	43.13	43.13	43.13	53.81	65.53	65.53	76.96	91.67	102.35	112.79	109.40
10	250	273.05	3.40	4.19	6.35	7.80	9.27	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
			22.92	28.16	42.34	51.72	61.13	61.13	61.13	82.66	82.66	97.32	116.31	134.86	157.26	174.67	157.26
12	300	323.90	3.96	4.57	6.35	8.38	9.53	9.53	10.31	14.28	12.70	17.48	21.44	25.40	28.58		25.40
			31.67	36.48	50.41	66.10	74.90	74.90	80.83	110.53	98.81	133.91	162.12	189.55	211.01		189.55

Stainless Steel Seamless Butt Weld Fittings



We use our own SURAJ manufactured Seamless Pipes for the manufacturing of Butt Weld Fittings. Having installed about six Hydraulic Press machines to carry out the production makes us one of the largest butt weld fittings manufacturer in India.

Size	: 1/2 NPS to 12 NPS [15DN to 300DN] Seamless
Thickness	: Sch 5s, 10s, 40s, 80s, 160, XXS
Standards	: ASTM A-403, A-815, EN-10253-4
Dimensions	: In Accordance with ASME B16.9 & ASME B16.28
Bevel Ends	: Bevelling according to ASME B16.25
Grades	: All kinds of Austenitic, Ferritic, Martensitic, Duplex & Super Duplex, Stainless Steel Grades.
Outside Finish	: Shot blasted finish : Annealed & Pickled finish
Type Of Packing	: Pallet Box : Seaworthy Wooden Box



**Elbow : 45° LR
90° LR & SR
180° LR & SR**



Stub end : Type "A" & Type "B"



Tee : Reducing Tee & Equal Tee



End Cap



Reducer : Concentric & Eccentric

Stainless Steel Grades

Application



AUSTENITIC STAINLESS STEEL

Grade (TP)	UNS Designation B	EN	Carbon	Mang- anese	Phos- Phorus	Sulfure	Silicon	Chromium	Nickel	Molyb- denum	Nitrogen-B	Niobium	Titanium	Other- Elements
304	S30400	1.4301	0.08	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0	...	0.10	...	...	...
304L		1.4306	0.030	2.00	0.40	0.015 ^b	1.00	18.0-20.0	10.0-12.0 ^b	...	0.11	...	...	...
304L	S30403	1.4307	0.035 ^b	2.00	0.045	0.030	1.00	18.0-20.0	8.0-13.0	...	0.10	...	...	...
304H	S30409	1.4948	0.04-0.10	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0	...	...	...	...	...
304N	S30451	1.6907	0.08	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0	...	0.10-0.16	...	...	...
304LN	S30453	1.4311	0.035 ^b	2.00	0.045	0.030	1.00	18.0-20.0	8.0-12.0	...	0.10-0.16	...	...	...
309S	S30908	...	0.08	2.00	0.045	0.030	1.00	22.0-24.0	12.0-15.0	0.75	...	...	...	...
309H	S30909	...	0.04-0.10	2.00	0.045	0.030	1.00	22.0-24.0	12.0-15.0	...	...	...	...	...
310S	S31008	1.4842	0.08	2.00	0.045	0.030	1.00	24.0-26.0	19.0-22.0	0.75	...	...	...	...
310H	S31009	1.4845	0.04-0.10	2.00	0.045	0.030	1.00	24.0-26.0	19.0-22.0	...	...	...	...	...
316	S31600	1.4401	0.08	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0	...	...	...	...
316L	S31603	1.4404	0.035 ^b	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0	...	...	...	...
316H	S31609	1.4401/ 1.4919	0.04-0.10	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0	...	...	...	...
316Ti	S31635	1.4571	0.08	2.00	0.045	0.030	0.75	16.0-18.0	10.0-14.0	2.0-3.0	0.10	...	5X (C+N)min, 0.70	...
316N	S31651	...	0.08	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0	0.10-0.16	...	...	...
316LN	S31653	1.4406	0.035 ^b	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0	0.10-0.16	...	...	...
317	S31700	1.4449	0.08	2.00	0.045	0.030	1.00	18.0-20.0	11.0-14.0	3.0-4.0	0.10	...	...	...
317L	S31703	1.4438	0.035	2.00	0.045	0.030	1.00	18.0-20.0	11.0-15.0	3.0-4.0	0.10	...	...	...
321	S32100	1.4541	0.08	2.00	0.045	0.030	1.00	17.0-19.0	9.0-12.0	...	0.10	...	5(C+N)-0.70	...
321H	S31209	1.4941	0.04-0.10	2.00	0.045	0.030	1.00	17.0-19.0	9.0-12.0	...	...	...	4(C+N)-0.70	...
347	S34700	1.4550	0.08	2.00	0.045	0.030	1.00	17.0-20.0	9.0-13.0	...	...	10xC-1.10	...	...
347H	S34709	1.4550	0.04-0.10	2.00	0.045	0.030	1.00	17.0-19.0	9.0-13.0	...	...	8xC-1.10	...	...
347LN	S34751	...	0.005-0.020	2.00	0.045	0.030	1.00	17.0-19.0	9.0-13.0	...	0.06-0.10	0.20-0.50 ^e	...	...
904L	S31254 N08904	1.4540	0.020	1.00	0.030	0.010	0.80	19.5-20.5	17.5-18.5	6.0-6.5	0.18-0.22	.....	.....	Cu 0.50-1.00 Cu 1.0 -2.0

FERRITIC & AUSTENITIC STAINLESS STEEL (DUPLEX & SUPER DUPLEX)

Grade (TP)	UNS Designation B	EN	C	Mn	P	S	Si	Ni	Cr	Mo	N	Cu	Others
	S31260	1.4410	0.030	1.00	0.030	0.030	0.75	5.5-7.5	24.0-26.0	2.5-3.5	0.10-0.30	0.20-0.80	W 0.10-0.50
	S31500	1.4417	0.030	1.20-2.00	0.030	0.030	1.40-2.00	4.3-5.2	18.0-19.0	2.5-3.0	0.05-0.10	...	...
	S31803	1.4462	0.030	2.00	0.030	0.020	1.00	4.5-6.5	21.0-23.0	2.5-3.5	0.08-0.20	...	...
	S32205	...	0.030	2.00	0.030	0.020	1.00	4.5-6.5	22.0-23.0	3.0-3.5	0.14-0.20	...	...
	S32550	1.4507	0.040	1.50	0.040	0.030	1.00	4.5-6.5	24.0-27.0	2.0-4.0	0.10-0.25	1.50-2.50	...
	S32750	1.4501	0.030	1.20	0.035	0.020	0.80	6.0-8.0	24.0-26.0	3.0-5.0	0.24-0.32	0.50	...
	S32760	...	0.050	1.00	0.030	0.010	1.00	6.0-8.0	24.0-26.0	3.0-4.0	0.20-0.30	0.50-1.00	W 0.50-1.00

FERRITIC & MARTENSITIC STAINLESS STEEL

Grade (TP)	UNS Designation B	EN	C,max	Mn,max	P,max	S,max	Si,max	Ni	Cr	Mo	Al,max	Cu,max	N,max	Ti
405	S40500	1.4002	0.08	1.00	0.040	0.030	1.00	0.60 max	11.5-14.5	...	0.10-0.30	...	...	...
410	S41000	1.4006	0.15	1.00	0.040	0.030	1.00	0.75	11.5-13.5	...	...	...	...	...



End Users

- ◆ Chemicals & Petrochemicals Plant
- ◆ Fertilizers Plant
- ◆ Refinery Plant
- ◆ Oil & Gas Plant
- ◆ Power Plant
- ◆ Sugar Plant
- ◆ Dairy & Food Processing Plant
- ◆ Pharmaceuticals Plant
- ◆ Pulp & Paper Plant
- ◆ Desalination Plant
- ◆ Nuclear Power Plant

Fabrication Plant

- ◆ LP/HP Heaters
- ◆ Heat Exchangers
- ◆ Heating Elements
- ◆ Instrumentation
- ◆ Ship Building
- ◆ Fluid Piping
- ◆ Automobiles



Testing Facility



- ◆ Chemical and Mechanical Testing
- ◆ Micro Structure Analysis
- ◆ Spectro laboratory version
- ◆ Spectro Mobile for PMI
- ◆ Laboratory for Corrosion Test
- ◆ Hydro Static testing
- ◆ Air Under Water Testing
- ◆ Boroscope Examination
- ◆ Eddy Current Testing
- ◆ Ultrasonic Testing
- ◆ Optical Pyro Meter
- ◆ Hardness Testing
- ◆ Dye Penetrant Testing
- ◆ Long length straightening check equipment
- ◆ Brust / Proof Test (Stainless Steel Butt weld Fitting)



Corporate Profile



Promoter Directors

Ashok Shah - Chairman & CFO
 Gunvant Shah - Vice Chairman
 Kunal Shah - Managing Director & CEO

Members of

Federation of Indian Export Organisations
 Bombay Chamber Of Commerce & Industry
 Gujarat Chamber Of Commerce & Industry

Registered Office

'Suraj House',
 Opp. Usmanpura Garden,
 Ashram Road, Ahmedabad.
 Pin - 380 014. Gujarat (India)
 Tel. : 0091-79-27540720, 27540721
 Fax : 0091-79-27540722
 Email : suraj@surajgroup.com

Branch Office

Kanji Mansion, Block No.3,
 1st Floor, 311 / 317, S.V.P. Road,
 Mumbai - 400 004. Maharashtra (India)
 Tel. : 0091-22-2389 1649, 2389 1758, 6636 2534
 Fax : 0091-22-2385 4979
 E-mail : surajm@surajgroup.com

Works Thol Plant

779/A, Vill. Thol, Kadi - Sanand Highway, Taluka - Kadi, Dist. Mehsana, Gujarat (India)



Mother Pipe Division



Seamless Tube Division



Seamless Pipe Division



Precision Tube Division



Butt weld Fitting Division

Works Chandarda Plant

51, Village Chandarda, Kalol- Mehsana highway, Taluka Kadi, District Mehsana, Gujarat (India)



Forging Division