



euroTECH
ASSESSMENT AND CERTIFICATION SERVICES



PED
97/23/EC

MANUFACTURERS OF
STAINLESS STEEL ERW & SEAMLESS PIPES, TUBES & FITTINGS

www.vishalgroups.com

INTRODUCTION

We take this opportunity to introduce ourselves as one of the leading manufacturer of Stainless Steel ERW & seamless Pipes, Tubes and Fittings under the brand name of 'VISHAL'. Our three decades of experience in this sector is helping us to achieve leading position. We take proud in sharing our historical journey which includes performance and commitment to excellence in the manufacture of tubes & pipes.

We are certified with various national and international standards like EUROTECH, ISO 9001:2008, PED 97/23/EC and many more. Currently, our factory is equipped with modern technological facility, to manufacture 6,000 metric tons per annum of pipes & tubes of all S.S. grades from 0.5% to 6% Nickel stainless steel, with universal grade like 304, 304L, 316, 316L, 321-347, 310 etc. With the expansion plans capacity will be 10,000 metric tons per annum.

Our employees believe that value engineering is an important part of our work. We don't just provide products but the complete solution to your problems. Our team of qualified, experienced engineers and technicians can create & build client specifications, whatever may be the challenge. Keeping client satisfaction as highest priority we ensured the highest levels of product quality and workmanship.

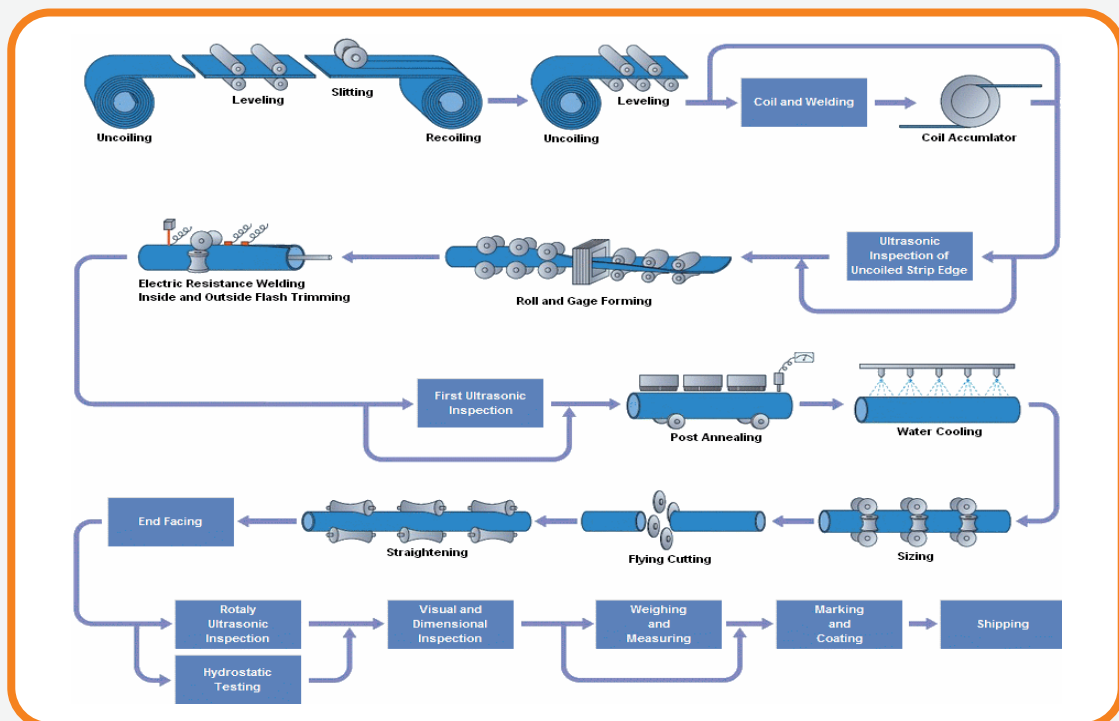
Our expertise and services

- 1/4" NB to 48" NB in Schedule 5, 10s, 40s pipes.
- 9.52mm to 127mm OD in 0.4mm to 5mm thick up to 14 meters length.
- Any special size can be made on request.
- Supported by many machines & facilities such as:
 - o Straightening machines
 - o Solution annealing roller hearth furnace, facing machines
 - o Hydrostatic test bench and pickling
 - o Passivation facilities
 - o Latest quality control equipment and testing facilities.

Our Values

- Quality & safety
- Continuous improvement through learning and development
- Innovation and creativity in solving problems
- An empowered, committed and motivated workforce

MANUFACTURING PROCESS



APPLICATIONS



Chemicals Industry

Various chemical industries & plant require stainless steel pipe for the flow of the chemical and fluid which is essential part of the production.



Fertilizers Industry

stainless steel pipe that are highly qualified for facing corrosive environment are very useful in fertilizer industry at their implication are very popular in fertilizer industries.



Oil Processing

our range of extra heavy and leakage free pipe are very beneficiary at the oil processing due to its anti corrosive property and its high performance feature.



Textile Machinery

We manufacture a wide range of welded and seamless stainless steel pipes that find application in the textile industry. Our range of products are known for sturdiness and temperature variations.



Architecture and construction

stainless steel pipe are being used for structural applications ranging from architecture to infrastructural because of its durability and lasting shiny finish.



Automobile

stainless steel products are critical for the production of energy – efficient low emission durable and attractive automobile stainless steel products are easily recyclable.



Paper & pulp

stainless steel is used extensively the pulp and paper industries for their corrosion resistance against the process liquids and their good mechanicals properties.



Water treatment

stainless steel is used for drinking and waste water treatment industries because of its durability , hygienic characteristic low maintenance and overall performance.

APPLICATIONS



Gas industry

The unique attributes of stainless steel materials make their use in the gas sector a sound engineering and cost effective investment event of today's high initial cost . high pressure bearing pipes are well known at the gas industries.



Nuclear Energy

stainless steel alloys are heat and corrosion resisting nature play an important role in ensuring the integrity durability and long term performance of nuclear power station.



Sugar Industry

the use of stainless steel pipe is a relative low cost alternative to the commonly used carbon steel practically stainless steel is more resistant to corrosion and abrasion and their strength put it ahead these factors add up to impressive life cycle cost benefits.



Food and Beverage

Stainless steel does not affect the taste of the product they are easily cleaned and sterilized to prevent bacterial contamination of the food and long term durable.



Medical

Stainless steel alloys are used extensively in the medical field for surgical implant , medical tools , health care , equipment and fixture , dental tools and implants



Pharmaceutical Industry

We also supply forged steel pipes and tubes for power plants and turbines. our products have high pressure resistance and can withstand harsh environments. Good performance is ensured by accurate dimensions. Corrosion and rust resistant, our range of products are available with a coating that protects them from different chemicals.



Aviation industries

stainless steel alloys with high nickel are used in aircrafts engine which operate at very high temperature and pressure stress it also attributes to more fuel efficient aircrafts to

DIMENSIONS & WEIGHT

WELDED AND SEAMLESS STAINLESS STEEL PIPES

NB	NPS	OD	SCHEDULE - 5 S		SCHEDULE - 10 S		SCHEDULE - 40 S		SCHEDULE - 80 S	
MM	INCHES	MM	THK (MM)	KG/MTR	THK (MM)	KG/MTR	THK(MM)	KG/MTR	THK (MM)	KG/MTR
...	1/8"	10.3	...	...	1.24	0.28	1.73	0.37	2.41	0.47
6	1/4"	13.7	...	...	1.65	0.49	2.24	0.63	3.02	0.8
10	1/8"	17.1	...	...	1.65	0.63	2.31	0.84	3.2	1.1
15	1/2"	21.3	1.65	0.8	2.11	1	2.77	1027	3.73	1.62
20	3/4"	26.7	1.65	1.03	2.11	1.28	2.87	1.69	3.91	2.2
25	1"	33.4	1.65	1.3	2.77	2.09	3.38	2.5	4.55	3.24
32	1 1/4"	42.2	1.65	1.65	2.77	2.7	3.56	3.39	4.85	4.47
40	1 1/2"	48.3	1.65	1.91	2.77	3.11	3.68	4.05	5.08	5.41
50	2"	60.3	1.65	2.4	2.77	3.93	3.91	5.44	5.54	7.48
65	2 1/2"	73	2.11	3.69	3.05	5.26	5.16	8.63	7.01	11.41
80	3"	88.9	2.11	4.51	3.05	6.45	5.49	11.29	7.62	15.27
90	3 1/2"	101.6	2.11	5.18	3.05	7.4	5.74	13.57	8.08	18.63
100	4"	114.3	2.11	5.84	3.05	8.36	6.02	16.07	8.56	22.32
125	5"	141.3	2.77	9.47	3.4	11.57	6.55	21.77	9.53	30.97
150	6"	168.3	2.77	11.32	3.4	13.84	7.11	28.26	10.97	42.56
200	8"	219.1	2.77	14.79	3.76	19.96	8.18	42.55	12.7	64.64
250	10"	273.1	3.4	22.63	4.19	27.78	9.27	60.31	15.1	96.01
300	12"	323.9	3.96	31.25	4.57	36	9.53	73.88	17.48	132.08
350	14"	355.6	3.96	34.36	4.78	41.3	...	...	...	...
400	16"	406.4	4.19	41.56	4.78	47.29	...	...	...	...
450	18"	457	4.19	46.81	4.78	53.26	...	...	...	...
500	20"	508	4.78	59.25	5.54	68.61	...	...	...	...
550	22"	559	4.78	65.24	5.54	75.53	...	...	...	...
600	24"	610	5.54	82.47	6.35	94.45	...	...	...	...
750	30"	762	6.35	118.31	7.92	147.36	...	...	...	...

WELDED STANDARD TUBES

DIMENSIONS		10Swg	12Swg	14Swg	16Swg	18Swg	20Swg	22Swg
SIZE IN INCHES	OD IN MM	3.25 MM(WT KG/M)	2.64 MM(WT KG/M)	2.03MM (WT KG/M)	1.62MM (WT KG/M)	1.21MM (WT KG/M)	0.91MM (WT KG/M)	0.71MM (WT KG/M)
8-Mar	9.52	0.549	0.447	0.405	0.341	0.268	0.193	0.165
2-Jan	12.7	0.768	0.654	0.542	0.451	0.35	0.264	0.213
4-Mar	19.05	1.285	1.068	0.864	0.71	0.544	0.407	0.32
1	25.4	1.801	1.482	1.187	0.969	0.71	0.549	0.432
1 1/4	31.75	2.318	1.895	1.51	1.228	0.969	0.692	0.543
1 1/2	38.1	2.834	2.309	1.832	1.487	1.228	0.82	0.654
1 3/4	45	3.408	2.722	2.191	1.775	1.487	0.834	0.765
2	50.8	3.868	3.136	2.478	2.006	1.775	1.119	0.877
2 1/2	63.5	4.901	3.963	3.123	2.524	2.006	-----	-----
3	76.2	5.934	4.79	3.453	2.789	2.524	-----	-----
3 1/2	88.9	6.964	5.617	4.413	3.56	2.789	-----	-----
4	101.6	8	6.444	5.059	4.078	3.56	-----	-----

“LET US WORK WITH YOUR ESTEEMED ORGANIZATION



PROVE OUR EXCELLENCE TO BUILD A LONG-TERM RELATION FOR THE FUTURE”



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