



# ASR MET TECH PVT. LTD.

MANUFACTURER OF STAINLESS STEEL PIPES/TUBES & 'U' TUBES



## Seamless Straight Tubes/Pipes

Outer Diameter (OD)	4 MM to 323.85 MM (up to 12" NB)
Wall Thickness (WT)	Tubing - 0.5 MM to 12.7 MM   Piping - All Sch !!WT
Length (L)	upto 30 Meter
Product Finish	Solution Annealed   Polished (up to 800 grit)   <b>Bright Annealed (upto 50.8 mm OD) Ra Value ≤0.4 μ</b>

## Seamless 'U' Tubes

Outer Diameter (OD)	9.53 mm to 50.80 mm
Wall Thickness (WT)	0.5 mm to 3.68 mm
Length (L)	Up to 14 Meters Leg Length
Product Features	Bright Annealed / Solution Annealed - Pickled - Passivated IN-SITU Metallography Test U-Bend 1.5D Up to 1000 mm Full Length U-Bend Stress Relieving (SR) & DP after U-Bending
Product Finish	Solution Annealed   Polished (up to 800 grit)   <b>Bright Annealed (upto 50.8 mm OD) Ra Value ≤0.4 μ</b>

## Austenitic & Super Austenitic Stainless Steel

GRADE	UNS No.	EN No.	C	Cr	Ni	Mo	Others
304	S30400	1.4301	0.08	18.00 - 20.00	8.00 - 12.00	-	-
304 L	S30403	1.4307	0.035	18.00 - 20.00	8.00 - 12.00	-	-
310 S	S31008	1.4845	0.08	24.00 - 26.00	19.00 - 22.00	-	-
316	S31600	1.4401	0.08	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	-
316 L	S31603	1.4404	0.035	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	-
316 H	S31609	-	0.04 - 0.10	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	-
316 Ti	S31635	1.4571	0.08	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	Ti:5x(C+N) - 0.7
317 L	S31703	1.4438	0.035	18.00 - 20.00	11.00 - 15.00	3.00 - 4.00	-
321	S32100	1.4541	0.08	17.00 - 19.00	9.00 - 12.00	-	Ti:5x(C+N) - 0.7
347	S34700	1.4550	0.08	16.00 - 18.00	10.00 - 14.00	-	-
347 H	S34709	1.4551	0.04 - 0.10	17.00 - 20.00	9.00 - 13.00	-	-
904 L	N08904	1.4539	0.02	19.00 - 23.00	23.00 - 28.00	4.00 - 5.00	N:0.10 max Cu: 1.0 - 2.0

## Ferritic Stainless Steel

405	S40500	-	0.08	11.50 - 14.50	0.5	-	-
409	S40900	-	0.08	10.50 - 11.70	0.5	-	-
410	S41000	-	0.15	11.50 - 13.50	-	-	-

## Duplex & Super Duplex Stainless Steel

UNS S31803	UNS S31803	1.4462	0.03	21.00 - 23.00	4.50 - 6.50	2.50 - 3.50	N: 0.08 - 0.20
UNS S32750	UNS S32750	1.4410	0.03	24.00 - 26.00	6.00 - 8.00	3.00 - 4.50	N: 0.24 - 0.32
UNS S32760	UNS S32760	1.4501	0.05	24.00 - 26.00	6.00 - 8.00	3.00 - 4.00	N: 0.20 - 0.30

## Standard

ASTM	American Society for Testing of Materials	ASME	American Society for Mechanical Engineers	UNS	Unified Numbering System
DIN	Deutsches Institute for Normung	TEMA	Tubular Exchanger Manufacturers Association	PED	Pressure Equipment Directive

## Specifications

ASTM - A213	Seamless Boiler Superheater and Heat Exchanger Tubes
ASTM A - A268 & A269	Seamless Tubing for Instrumentation and General Service
ASTM A - A312	Seamless Pipe
ASTM A - A789/790	Duplex Tubes & Pipes

## EDDY-CURRENT TESTING



## PMI TESTING



## SPECTRO



List of Machinery	Nos.	List of Inhouse Testing Facilities	Nos.
Pilger Mill LG 30/LG 50	5 + 2	UTM (Universal Testing Machine) - [ 60 Tons ] With Extend 50 Meter	1
Draw Bench	6	Hardness Tester	1
Straightening Machine	5	Spectro Machine (For Chemical Analysis)	1
ETP Plant with Scrubber	1	Hydro Testing Machine	3
Solution Annealed Furnace (LPG)	1	Pneumatic Air Under Water	1
Bright Annealed Furnace with Ammonia Cracker	1	Metallurgical Micro Scope (For Grain Size Measurement & Micro Structure Examination)	1
DG Set 500KVA (Power Backup)	1	IGC Testing (Intergranular Corrosion Test)	1
CRANE 5 MT. /3 MT.	3 + 4	Muffle Furnace	1
Domino INK JET Marking M/C	1	PMI Testing (Positive Material Identification)	2
DM Water Plant / RO Water Plant	1 Each	Eddy Current Test	1
Polishing machine	1	Manual Ultra Sonic Test	1
U-Bending Setup (including SR+DP)	1	Ultra Sonic Thickness Gauge	1
		ID Boroscope	2

## Our Clientle Partners / Supplies Records



# Certificates & Approvals

**TUV NORD**

## CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

ASR MET TECH PVT. LTD.  
Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
Opp. Super Gas, Nr. Mongal Mata Mandir,  
Kalyangadh, Gujarat - 382 220,  
India

**Manufacture and Export of Stainless Steel Seamless Pipes & Tubes**

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**TUV NORD CERT**

**TUV NORD**

## CERTIFICATE

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India

**TUV NORD CERT**

**INDIANS ENGINEERS LIMITED**

Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
Opp. Super Gas, Nr. Mongal Mata Mandir,  
Kalyangadh, Gujarat - 382 220,  
India

**Approval of your firm / workshop for manufacturing of Stainless Steel / Duplex Steel Seamless Pipes / Tubes & U-Tubes under inspection of ISO - 15000**

**ASR MET TECH PVT. LTD.**  
Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
Opp. Super Gas, Nr. Mongal Mata Mandir,  
Kalyangadh, Gujarat - 382 220,  
India

**Approval of your firm / workshop for manufacturing of Stainless Steel / Duplex Steel Seamless Pipes up to 279.1 mm OD & 12.7 mm thick / Tubes & U-Tubes subject to the following conditions:**

- Raw material for Pipes, Tubes & U-Tubes must be offered for inspection along with Certificate in Form S/A / S/B / IV of ISIRI - 1950 with mill test certificates if provided from Well Known Steel Pipe / Tube maker's as per ISIRI - 1950 before commencement of manufacturing.
- Pipes, Tubes & U-Tubes must be offered for stage wise inspection during manufacturing as per Appendix - I of ISIRI - 1950.

**TUV NORD**

## CERTIFICATE

Quality-Assurance System for material manufacturer according to Pressure Equipment Directive 2014/68/EU

Certificate No.: 0720314699/2147/19

ASR MET TECH PVT. LTD.  
Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
Opp. Super Gas, Nr. Mongal Mata Mandir,  
Kalyangadh, Taluka: Bavala,  
Dist. Ahmedabad - 382 240, Gujarat, India

**AD 2000-Merkblatt W0**

Certificate-No.: 0720314699WP/2147/19

**November 2022**

**TUV NORD**

## CERTIFICATE

TUV NORD Systems GmbH & Co. KG

ASR MET TECH PVT. LTD.  
Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
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**AD 2000-Merkblatt W0**

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**November 2022**

**GOVERNMENT OF INDIA**  
MINISTRY OF COMMERCE & INDUSTRY  
DIRECTORATE GENERAL OF FOREIGN TRADE

**Certificate of Recognition**

**एक निर्यात निवेश कारन**  
**ONE STAR EXPORT HOUSE**

ASR MET TECH PRIVATE LIMITED  
Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
Opp. Super Gas, Nr. Mongal Mata Mandir,  
Kalyangadh, Taluka: Bavala,  
Dist. Ahmedabad - 382 240, Gujarat, India

**November 2022**

**Office of the Director of Shelters,**  
ASR MET TECH PVT. LTD.,  
Survey No. 48, Ahmedabad-Bagodra Highway 8A,  
Opp. Super Gas, Nr. Mongal Mata Mandir,  
Kalyangadh, Dist. Ahmedabad - 382 240.

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**Our Presence : 1-USA • 2-Romania • 3-Brazil • 4-Czech.Republic • 5-Spain • 6-France • 7-Italy • 8-Germany • 9-Netherlands  
10-Belgium • 11-Poland • 12-UAE • 13-New Zealand • India**

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**Ph. No.:** +91 -79-40322129,66170426  
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Gujarat, INDIA. Pin: 382240