



AV Precision Tubes Private Limited

MANUFACTURER OF STAINLESS STEEL PIPES & TUBES



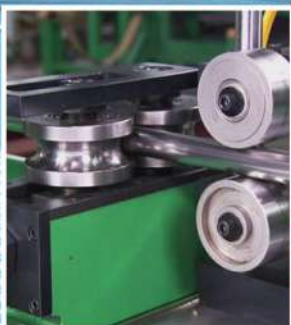
AN ISO CERTIFIED COMPANY

About Company

Incorporated in 2013, AV Precision Tubes Private Limited is a Hisar (Haryana) based manufacturer of best and high quality welded stainless steel tubes.

With its advanced modern production and quality assurance facilities, AV Precision Tubes Private Limited is committed to manufacture and supply stainless steel tubes to its customers with cost effective, reliable, timely and qualitatively superior product that ensures total satisfaction of its customers.

Here, Stainless Steel tubes are manufactured and tested to International Standards to satisfy and meet the most critical demands of the reputed industrial users for various applications, sizes, grades and specifications as per ASTM.



Stainless steel tubes are used for innumerable operations where a precision component is required. Stainless steel tubes are ideal material for many applications for a variety of reasons:

corrosion and oxidation resistance low maintenance
to resist high temperatures Extended service life

This capability allows us the flexibility to provide tubes such diverse applications as:

HP Heaters LP Heaters
Hydraulic Applications Condensers
Compressor Heat Exchangers
Automobile Boilers

Salient features

- State of art manufacturing facility
- In house inspection and testing facility
- Good technical expertise
- Efficient services and fine quality products
- Quality assurance
- Timeliness
- Cost effectiveness



PRODUCT TYPE	SIZE	THICKNESS	SPECIFICATION
Welded (TIG) Tube	5mm OD to 76.2mm OD	Range From 0.25mm to 2mm	as per ASTM A249 ASTM A269 & ASTM A632

Grade	AISI 202 (4%) 304, 304L, 316, 316L, 316TI, 321
In Form	of straight Tubes
In Length of	Standard & Cut length
VALUE ADDED SERVICE	Straightening Bright Annealed with online eddy current check
Specialize	Bright Annealing Precision Tubes Automotive, Heat Exchanger and Condensor Tubes

QUALITY

Our company is accredited with ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 for manufacturing quality stainless steel. At AV Precision Tubes Private Limited, We take the quality very seriously. Every single piece of tube is subjected to a thorough inspection by advanced testing machines and trained staff to detect imperfections.

Our quality system covers all aspects of our business including raw material sourcing, manufacturing, product certification and delivery to meet the quality and standards of the industries we operate in.

To guarantee high quality, AV Precision Tubes Pvt. Ltd. procures its raw material from top-notch vendors of international repute.

Our products are subjected to various quality testing such as

Eddy current test

Eddy current testing is a fast, efficient, accepted and the most dominating method for non-destructive inspection of tubes. Flawmark -EC is an advanced online Eddy Current Test System for tubes made of ferromagnetic, austenitic and non-ferromagnetic material. Defects such as cracks, pin holes, open welds, voids, inclusions, concentrated porosity, weld defects, mechanical damages and deep pitting are reliably detected and logged by the system



MECHANICAL TESTS

Mechanical Testing adheres to ASTM standards and is conducted for

- **Hardness test**

Hardness is the ability of any material to resist surface indentation or scratching. As a manufacturer of precision metal tubing, testing the hardness of alloys is important to our operations. We measure the hardness of our high quality tubes as part of our quality control procedures.



- **Tensile Test**

The tensile test, also known as tension test, is probably the most fundamental type of mechanical testing that can be performed.



- **Flaring**
- **Compression Test**
- **Bending Test etc**



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