




# SAM TUBES LLP

AN ISO 9001:2015, PED, AND IBR CERTIFIED COMPANY

**SPECIALIZED IN MANUFACTURING STAINLESS  
STEEL SEAMLESS PIPES, TUBES & U-TUBES FOR  
DIVERSE INDUSTRIES.**

## CONTACT US..

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# SAM TUBES LLP

SAM TUBES LLP, established in 2017, is an ISO 9001:2015, PED-2014/68/EU, AD 2000-Merkblatt W0/W2, and IBR-certified leading manufacturer of stainless steel seamless pipes, tubes, and U-tubes. We are committed to delivering unmatched quality and innovation in every product, backed by cutting-edge in-house manufacturing and testing facilities.

Our dedication to innovation, precision, and customer satisfaction has positioned us as a trusted name in the stainless steel industry. By combining advanced technology with flexible production capabilities, we deliver cost-effective solutions without compromising on quality.

## THE PRODUCT

At SAM TUBES LLP, we specialize in producing high-quality stainless steel seamless pipes, tubes, and U-tubes for diverse industrial applications. Known for their excellent performance and durability, our products are ideal for critical applications, ensuring long-lasting efficiency and reliability.



Our relentless focus on quality and innovation enables us to meet the dynamic needs of industries worldwide, fostering trust and long-term partnerships with our customers.



## OUR PRODUCTS

MANUFACTURING RANGE						
SR. NO.	CATEGORY	OD		THK		LENGTH
		MIN	MAX	MIN	MAX	MAX
1	STAINLESS STEEL SEAMLESS TUBES/PIPES	6.00mm	88.90mm	0.50mm	5.00mm	15.00 METERS
2	STAINLESS STEEL SEAMLESS "U" TUBES	12.70mm	50.80mm	0.90mm	3.50mm	RADIUS 1.50D TO 1500mm

### AVAILABLE GRADES & SPECIFICATION: -

ASTM/ASME	EN	AUSTENITIC	DUPLEX
SA213	10216-5	304L/H/LN	S32304
A269	12017-7	316/L/H/LN/Ti	S31500
SA790	10305	321/H	S31803
SA688	<b>NACE</b>	317/L	S32205
SA312	MR 0175	347/H	S32750
SA999/SA1016	MR 0103	310/H	S32760
SA789			

### FINISH PRODUCTS:-



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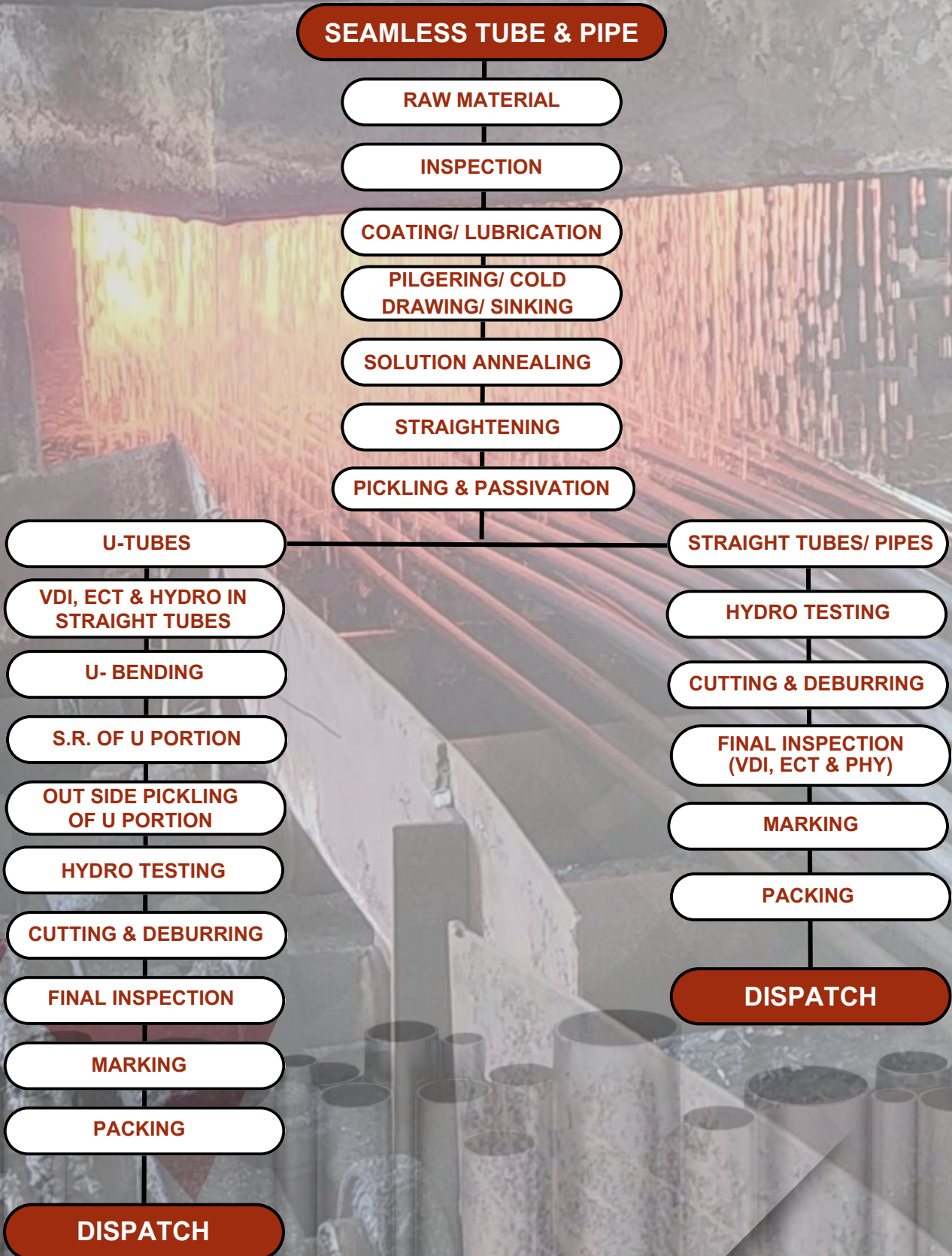


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# THE PROCESS



# MATERIAL APPLICATIONS

Sam Tubes LLP's stainless steel products find applications across numerous industries, playing a vital role in diverse operations. We cater to the specific needs of each sector, ensuring our products meet their unique requirements.

## ➤ Petrochemical Industries

Our stainless steel tubes and pipes are essential components in petrochemical plants, handling corrosive fluids and high-pressure environments

## ➤ Oil & Gas Industry

Our stainless steel tubes and pipes play a critical role in the oil and gas sector, ensuring durability and reliability in transporting hydrocarbons under extreme temperatures and pressures.

## ➤ Instrumentation

We provide stainless steel solutions specifically designed for instrumentation systems, ensuring exceptional precision, corrosion resistance, and long-term reliability.

## ➤ Pharmaceutical Industry

Our stainless steel tubes and pipes are used in the pharmaceutical industry for their purity and resistance to corrosion, ensuring safe and sterile processing.

## ➤ Evaporators

Our products are crucial in evaporators, facilitating efficient heat transfer and ensuring reliable performance in various applications

## ➤ Power Plant

Sam Tubes LLP contributes to the reliability and efficiency of power plants by providing robust and corrosion-resistant stainless steel components.

Other industries we serve include energy, manufacturing, Textile, and water treatment, demonstrating the versatility and adaptability of our stainless steel products. Our commitment to quality ensures that every product meets the demanding standards of these diverse industries.



## QUALITY TESTING



### CHEMICAL ANALYSIS

Each batch of tubes and pipes undergoes a thorough chemical analysis using advanced technologies like spectro and PMI (Positive Material Identification) analyzers. This test ensures the material composition is accurate and meets the required industry standards, ensuring consistent quality in every product.



### Mechanical Testing

To validate the mechanical strength and performance of the material, several tests are conducted, including tensile strength, hardness, flaring, flattening tests. These tests confirm that the tubes and pipes can endure the stresses and strains they might encounter during use.



### HYDROSTATIC TEST

This is a vital test performed on every tube and pipe to ensure its structural integrity. The tubes are subjected to high-pressure water to confirm that they can withstand the specified pressure without any leaks or deformation. This guarantees safety and reliability in high-pressure applications.



### EDDY CURRENT TESTING

This non-destructive test detects subsurface irregularities and inhomogeneities in the material. Adhering to ASTM E-426/309 standards, it ensures that the tubes and pipes meet stringent quality requirements, providing safety and reliability in their applications.



### POSITIVE MATERIAL IDENTIFICATION (PMI) TEST

This test is performed to verify the grade and composition of the material used. It ensures that the correct alloy has been utilized in production, which is crucial for meeting specific application requirements and providing assurance of product reliability.

## QUALITY TESTING

### VISUAL & DIMENSIONAL INSPECTION

Every tube and pipe undergoes a meticulous inspection to ensure dimensional accuracy and detect any visible defects. This step guarantees that the final product meets the exact specifications and quality standards expected by the client.



### INTERGRANULAR CORROSION (IGC) TEST

This specialized test determines the material's resistance to intergranular corrosion, which can weaken stainless steel over time. Conducted as per ASTM A-262 or IS practices A, B, C, or E, it ensures the long-term durability and reliability of the tubes in corrosive environments.



### DYE PENETRANT INSPECTION

This test is essential for identifying surface discontinuities, such as cracks or flaws, especially in U-bend tubes. It involves applying a dye to the surface and observing any penetration into defects, ensuring a high level of precision and quality control.



### MICRO & MACRO EXAMINATION

These examinations involve a detailed analysis of the material's microstructure, including grain size and heat treatment quality. Following ASTM E-112 and ASM Volume 9 Handbook standards, they provide insights into the internal properties of the tubes, ensuring compliance with stringent quality specifications.



### ULTRASONIC TESTING (UT)

This advanced non-destructive testing technique uses high-frequency sound waves to identify both surface and subsurface defects. Performed according to ASTM E-213 standards, it ensures the product is free from any internal flaws that could affect its performance.



# INNOVATIVE MATERIAL PACKAGING SOLUTIONS

## Plastic Wrapping

Protects against moisture, dirt, and corrosion.  
Small bundles or individual tubes.

## Bundle Packaging

Tied with metal or plastic straps for secure handling.  
Bulk orders and local transportation.

## Wooden Crates/Boxes

Heavy-duty wooden crates for maximum protection.  
Export or long-distance shipping.

## Pallet Packaging

Stabilized placement on wooden/metal pallets for easy forklift handling.  
Large orders or warehouse storage.

## End Caps Packaging

Plastic or rubber caps to prevent damage and maintain cleanliness.  
High-precision tubes or custom orders.

## Shrink Wrapping

Tubes tightly covered in shrink film to prevent movement and contamination.  
Retail or smaller quantities.

## Bubble Sheet Packing

Provides excellent cushioning for delicate products.  
Lightweight and ideal for customized orders or irregular shapes.

## Custom Packaging

Tailored packaging solutions per client requirements.  
Special needs like branding or unique specs.



## QUALITY ASSURANCE

At Sam Tubes LLP, quality is not just a commitment but the foundation of our operations. We procure raw materials exclusively from trusted and reputed suppliers within the industry. Each batch of materials undergoes meticulous analysis upon arrival to ensure strict adherence to predefined specifications.

Beyond material quality, we maintain rigorous process specifications throughout the production cycle to ensure consistency and excellence in every product. Additionally, we implement stringent Quality Control measures to verify that every batch meets and exceeds industry standards, ensuring that only the finest products reach our customers.

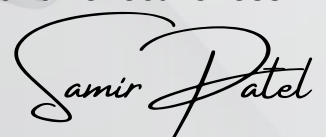
## OUR QUALITY POLICY

Sam Tubes LLP, a leading manufacturer of Stainless Steel Seamless Pipes, Tubes, and U-Tubes, is dedicated to achieving and exceeding customer satisfaction by delivering superior-quality products backed by honesty, transparency, and attentive service. Guided by our Quality Management System (QMS), we align our operations with the strategic vision of the organization while meeting the expectations of all stakeholders.

## COMMITMENT TO EXCELLENCE

- ✓ **Continuous value addition to our products and services.**
- ✓ **Leveraging advanced technology and teamwork to refine production processes and ensure effective QMS implementation.**
- ✓ **Enhancing employee skills and motivation through education, training, and empowerment.**
- ✓ **Driving continual improvements in our development processes to deliver innovative solutions.**
- ✓ **Ensuring timely delivery of products with unwavering reliability.**
- ✓ **Complying with all applicable statutory and regulatory requirements.**

This policy serves as the cornerstone for setting quality objectives across all levels of the organization. It is reviewed periodically to ensure relevance and effectiveness in achieving our goals.

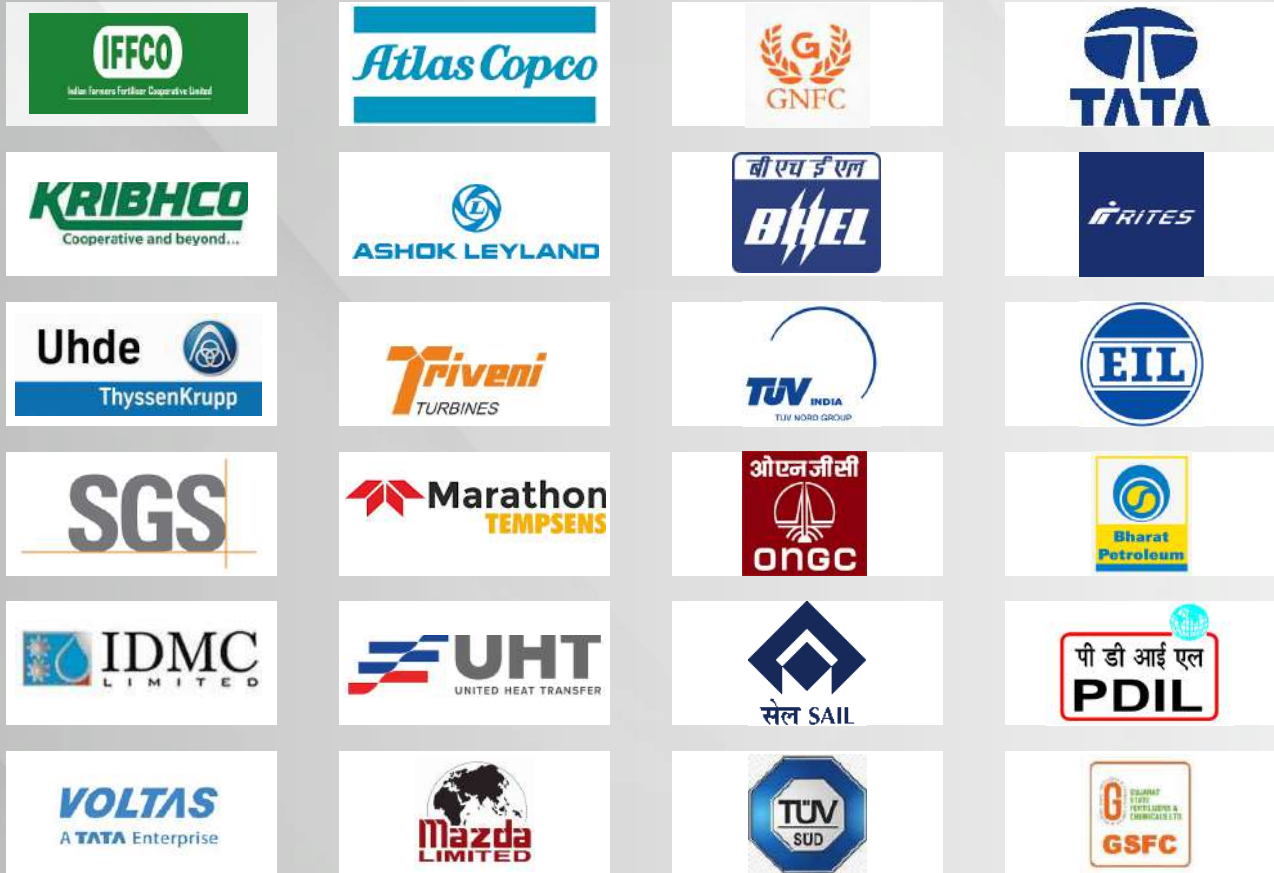


Samir Patel

MANAGING DIRECTOR



## WE ALSO DEAL WITH



## WHY CHOOSE US ?

- **Unmatched Quality:** We manufacture seamless stainless steel tubes with precision and adhere to the highest industry standards.
- **Custom Solutions:** Our products are tailored to meet diverse industrial needs, ensuring your specific requirements are fulfilled.
- **Advanced Technology:** Equipped with state-of-the-art machinery, we deliver innovative and durable solutions.
- **Timely Delivery:** Punctuality is our promise. We ensure on-time delivery to keep your operations running smoothly.
- **Global Presence:** Trusted by clients worldwide for our commitment to excellence.
- **Exceptional Support:** Our team is always available to assist you with product selection, technical queries, and after-sales service.
- **Sustainability Focus:** Dedicated to eco-friendly practices and reducing our environmental footprint.



## GET IN TOUCH WITH **SAM TUBES LLP**



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