

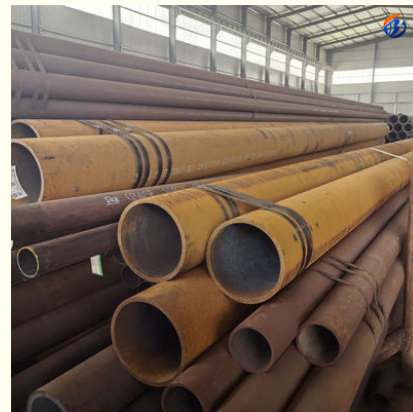


ASTM A192 Seamless Carbon Steel Boiler Tubes

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A53 A106
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Standard Export Packing
- Delivery Time: 7~30 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union



Product Specification

- Name: Seamless Carbon Steel Tube
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM A53 A106
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **A192 Seamless Carbon Steel Boiler Tubes, Seamless Carbon Steel Boiler Tubes, ASTM A192 seamless carbon steel pipe**



Product Description

ASTM A192 Seamless Carbon Steel Boiler Tubes

ASTM A192 is a standard specification for seamless carbon steel boiler and superheater tubes designed for high-pressure service. These tubes are widely used in power plants, refineries, and other industrial facilities where high-pressure and high-temperature conditions are present. The standard ensures that the tubes meet specific chemical composition, mechanical properties, and dimensional requirements to ensure their suitability for the intended applications.

Applications

ASTM A192 seamless carbon steel boiler tubes are used in a variety of high-pressure and high-temperature applications, including:

Power Generation: Used in high-pressure boiler systems for steam production.

Superheaters: Increase steam temperature without raising pressure, improving plant efficiency.

Heat Exchangers: Transfer heat between fluids at high temperatures and pressures.

Petrochemical Industry: Ideal for high-pressure equipment in refinery and chemical processing.

Food Processing: Used in heat exchangers and other equipment where high-pressure and high-temperature conditions are present.

Chemical Industry: Used in heat exchangers and other equipment where high-pressure and high-temperature conditions are present.

Oil & Gas Industry: Used in high-pressure applications in oil and gas processing.

Fertilizer Industry: Used in high-pressure applications in fertilizer production.

Sugar Industry: Used in high-pressure applications in sugar processing.

Standard Material

ASTM A192 boiler tubes are made from carbon steel, which offers excellent strength and durability. The chemical composition of the steel must conform to the following requirements:

Carbon (C): Maximum 0.18%

Manganese (Mn): 0.60% to 1.20%

Phosphorus (P): Maximum 0.035%

Sulfur (S): Maximum 0.035%

Silicon (Si): 0.15% to 0.35%

Mechanical Properties

ASTM A192 boiler tubes have the following mechanical properties:

Tensile Strength: Minimum 325 MPa (47,000 psi)

Yield Strength: Minimum 180 MPa (26,000 psi)

Elongation: Minimum 35% over a 2-inch gauge length

Hardness: The tubes shall have a hardness number not exceeding a specific value, typically measured using the Brinell hardness test.

Product Image



Company Profile

BAOYANG · CHINA COMPANY INFORMATION



Cangzhou BaoYang Pipe Industry Co., Ltd

Cangzhou Baoyang Pipe Industry Co., Ltd. is located in the Hope New Area of Mengcun County, Hebei Province, China's pipeline equipment base. It is an enterprise that integrates spot storage of steel pipes, production of pipe fittings, and sales and exports. Our company mainly operates seamless pipes made of special materials, and has long-term good cooperative relationships with major steel mills such as Tianjin Seamless, Hengyang Hualing, Yantai Lubao, Inner Mongolia Baosteel, Shanghai Baosteel, Jiangsu Chengde, Anhui Tianda, etc. Our products are widely used in pipeline engineering fields such as petroleum, petrochemical, chemical, natural gas, thermal power, boilers, etc

Factory Tour

Factory Picture

Cangzhou Baoyang Pipeline Co., Ltd



team introduction

OUR FRIENDS



Applications

BAOYANG · CHINA APPLICATION SCENARIOS



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