



Specialist in Square, Round Pipes and Tubes

Nickel Alloys | Stainless Steel | Carbon Steel | Alloy Steel

# CATALOG

DRIVING GROWTH WITH QUALITY

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# COMPANY PROFILE

OPTIMUM PIPES & TUBES has been a prominent name in the steel industry for over a decade, specializing in the supply and distribution of Nickel Alloys, Stainless Steel, Carbon Steel, Alloy Steel, Non-Ferrous Metals, and a wide array of industrial raw materials. We cater to diverse sectors across India and around the globe.

In response to the ever-evolving demands for enhanced performance, reliability, and quality, OPTIMUM PIPES & TUBES has broadened its global footprint, delivering an even wider range of products and services.

We are a professionally managed enterprise with in-depth expertise in the manufacturing of Stainless Steel Pipes & Tubes, Pipe Fittings, and Flanges, alongside a robust sourcing network for a comprehensive variety of steel products.

Our commitment to excellence has earned us the continued trust of clients from numerous industries including Refineries, Petrochemicals, Oil & Gas, Offshore, Chemicals, Fertilizers, Cement, Engineering, Construction, Sugar, Nuclear & Thermal Power, Paper & Pulp, and more.

This catalogue is designed to be a user-friendly reference tool, aimed at simplifying your buying decisions and offering valuable insights into our offerings.

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- **Customer Satisfaction Through Innovation :** We are committed to delivering exceptional service by integrating advanced technologies and continuously enhancing our processes.
- **End-to-End Quality :** Assurance Every product undergoes rigorous material, process, and performance checks to ensure superior quality and reliability.
- **Automated Operations for Efficiency :** Fully automated departments enable seamless supply chain management and prompt service to our clients worldwide.
- **Skilled and Motivated Workforce :** We invest in training and development to maintain a competent, safety-conscious, and motivated team aligned with our goals.
- **Continuous Improvement Culture :** Our Quality Management System is consistently refined to meet evolving industry standards and keep us ahead of the competition.



## PIPES & TUBES

**Material :** Stainless Steel/Duplex/  
Super Duplex/ Nickel Alloy/Carbon  
Steel/ Alloy Steel

**Standard :**

ASTM/ASME/ANSI/AISI/DIN

**Grade :** 304, 304L, 310S, 316, 316L, 321,  
904L, 2205, 2507, Monel, Inconel,  
Hastelloy, Titanium P5, P9, P11, P12,  
P22, P91, etc.

**Types :** Seamless/Welded/U-Tubes

## SHEETS, PLATES & COILS

**Stainless Steel Coils, Sheets & Plates** as per  
ASTM A 240 Gr. TP 304, 304L, 304LN, 309, 3095,  
309H, 310S, 310H, 316, 316L, 316H, 316LN, 316TI, 317,  
317L, 321, 321H, 347, 347H, 348, 348H, 409,  
410, 420, 430 etc.

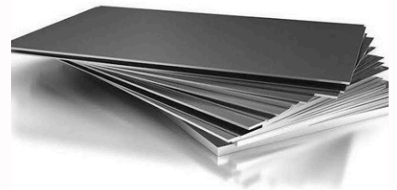
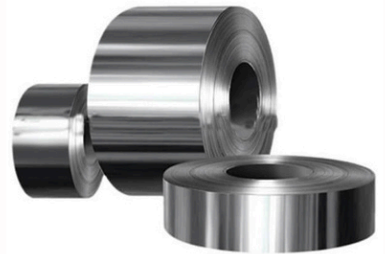
**Alloy Steel Plates** as per ASTM A 387 Gr. 2, 5, 9, 11,  
12 & 22 in class 1 & 2, ASTM A 204, Gr. A & B, DIN  
17175 Gr. 15Mo3 & 16Mo3 with IBR Test Certificate.

**Carbon Steel/Boiler Quality Plates** as per IS  
2062 Gr. A, B & C, IS 2002 Gr. 1 & 2, ASTM A516 Gr.  
60 & 70 ASTM A515 Gr. 70.

**High Nickel Alloy:** Monel, Nickel, Inconel,  
Hastalloy, Copper, Brass, Bronze, Brass, Titanium,  
Tantalum, Bismuth, Aluminium, High Speed Steel,  
Zinc, Lead, etc.

**Duplex & Super Duplex Steel:** UNS S31803, UNS  
S32750, UNS S32760, 904L, Alloy 20

**Types:** Sheet, Plates, Strips, etc.







## BUTT-WELD FITTINGS

**Stainless Steel:** ASTM A403 WP 304/304L/304H/316/316L/317/317L/321/310/347/904L etc.

**Carbon Steel:** ASTM A234 WPB/A420 WPL3/A420 WPL6/MSS-SP-75 WPHY 42/46/52/56/60/65/70

**Alloy Steel:** ASTM A234 WP1/WP5/WP9/WP11/WP22/WP91 etc. Duplex & Super Duplex Steel: UNS S31803, UNS S32750, UNS S32760, 904L, Alloy 20

**Others :** Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

**Types:** Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert etc.

**Size:** 1/4" NB TO 32" NB. (Seamless & Welded)

**Wall Thickness:** Sch. 5S To Sch. XXS.

## ROUND BARS

**Stainless Steel Bar:** ASTM A-479, A 182 F 304/304H/304L, 316/316L/316Ti, 309, 310, 317L, 321, 347, 409, 410, 420, 430, 440 (A, B, C) 446, 904L, etc. **SUPER 13 CR, 420 MOD, TOUGHMET 3AT 110**

**Duplex Steel Bar:** A 182 F51, F53, F55

**Carbon Steel Bar:** A 105, LF2, 4140 MOD, 4340 MOD

**Alloy Steel Bar:** ASTM A -182 F11, F12, F22, FF5, F9, F91

**Cu-Ni Bar :** C70660 (90:10) C71500 (70:30), C71640

**Nickel Bar:** UNS NO2200, NO2201

**Monel Bar:** UNS N04400, N05500

**Inconel Bar:** UNS N06600, N06601, N06625, N08800, N08810, UNS N08825, UNSN09925, UNS N07718

**Types:** Round, Square, Hex (A/F), Rectangle





## FLANGES

**Stainless Steel:** ASTM A182  
F304/304L/304H/316/316L/317/  
317L/321/310/347/904L etc.

**Carbon Steel:** ASTM A105/A694  
F42/46/52/56/60/65/70/ A350 LF2/A350LF3, etc.

**Alloy Steel:** ASTM A182 F1/F5/F9/F11/F22/F91 etc.

**Others:** Monel, Nickel, Inconel, Hastalloy, Copper,  
Brass, Bronze, Titanium, Tantalum, Bismuth,  
Aluminium, High Speed Steel, Zinc, Lead etc.

**Types:** Weldneck, Slipon, Blind, Socket Weld, Lap  
Joint, Spectacles, Ring Joint, Oriface, Long  
Weldneck, Deck Flange, etc.

**Size:** ½" NB TO 24" NB.

**Class:** 150#, 300#, 400#, 600#, 900#, 1500# &  
2500#.

## VALVES

**Material:** Stainless Steel/Duplex/Super  
Duplex/Nickel Alloy/Carbon Steel/Alloy  
Steel

**Standard:** ASTM/ASME/ANSI/AISI/DIN

**Grade :** WCB, WC1, WC6, WC9, LCB, LCC, LC3,  
C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M,  
CD4MCu, Hastelloy, Inconel, 304L, 316L, 2205,  
2507 etc.

**Types:** Gate Valve, Ball Valve, Globe Valve,  
Butterfly Valve, Check Valve,  
Cryogenic Valve

**Size :** 1/2" to 60"

**Class :** 150#, 300#, 600#, 800#, 900#,  
1500# & 2500#.



# CERTIFICATE

**GLOBAL**  
CERTIFICATION

*Declaration of Compliance*

**Name & Address of Manufacturer:**  
**OPTIMUM PIPES & TUBES**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos,  
Indraguna, Talsika - Indraguna, Oris - 751004,  
India - 751004, India.

This is to certify that the manufacturer has implemented and applies a  
QA System. This QA System has been subjected to a specific compliance for  
material use. In Section 2014/00/01.

**Approved:**  
Director 2014/00/01, Annex - II (Module II)  
(A specific compliance for design, development, production & testing)

**For following scope:**  
Manufacture of Stainless Steel Pipes and Tubes 304/304L,  
316/316L, 316 Ti, 316 TiTi, 321, 317, 304L, Duplex, Super Duplex,  
Inconel, Monel, Hastelloy, Alloy Steel, High Nickel Alloy Stainless  
And Welded Pipes, Tubes and Fittings.

**Production Site:**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos, Indraguna, Talsika - Indraguna,  
Oris - 751004, India.

**Certificate No. 1011-CE-BA-EU-05-5202-SIAC-002374-IN**

This certificate is valid from 06-May-2023 until 05-May-2028  
and remain valid subject to satisfactory surveillance audits.  
Certification expiry on 05-May-2028.

The validity of this certificate is connected to a valid certification assessment with ISO 9001:2015.

**CE**

**ISO 9001:2015**

**GLOBAL**  
CERTIFICATION

**СВИДЕТЕЛЬСТВО | CERTIFICATE | CERTIFICAT**

**GLOBAL**  
CERTIFICATION

**MANAGEMENT SYSTEM  
CERTIFICATE**

This is to certify that Quality Management System of

**OPTIMUM PIPES & TUBES**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos, Indraguna, Talsika - Indraguna,  
Oris - 751004, India - 751004, India.

Has been assessed and found to conform to the requirements of

**ISO 9001:2015**

**For following scope:**  
Manufacture of Stainless Steel Pipes and Tubes 304/304L,  
316/316L, 316 Ti, 316 TiTi, 321, 317, 304L, Duplex, Super Duplex,  
Inconel, Monel, Hastelloy, Alloy Steel, High Nickel Alloy Stainless  
And Welded Pipes, Tubes and Fittings.

**Certificate No. 1011-QMS-BA-UK-05-5202-SIAC-002376-IN**

This certificate is valid from 06-May-2023 until 06-May-2028  
and remain valid subject to satisfactory surveillance audits  
on 05-May-2028 and 05-May-2027.  
Re-certification audit date on 06-May-2028.  
Certification expiry on 05-May-2028.

**GLOBAL**  
CERTIFICATION

**СВИДЕТЕЛЬСТВО | CERTIFICATE | CERTIFICAT**

**GLOBAL**  
CERTIFICATION

**MANAGEMENT SYSTEM  
CERTIFICATE**

This is to certify that Occupational Health and Safety Management System of

**OPTIMUM PIPES & TUBES**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos, Indraguna, Talsika - Indraguna,  
Oris - 751004, India - 751004, India.

Has been assessed and found to conform to the requirements of

**ISO 45001:2018**

**For following scope:**  
Manufacture of Stainless Steel Pipes and Tubes 304/304L,  
316/316L, 316 Ti, 316 TiTi, 321, 317, 304L, Duplex, Super Duplex,  
Inconel, Monel, Hastelloy, Alloy Steel, High Nickel Alloy Stainless  
And Welded Pipes, Tubes and Fittings.

**Certificate No. 1011-OHSAS-BA-UK-05-5202-SIAC-002378-IN**

This certificate is valid from 06-May-2023 until 06-May-2028  
and remain valid subject to satisfactory surveillance audits  
on 05-May-2028 and 05-May-2027.  
Re-certification audit date on 06-May-2028.  
Certification expiry on 05-May-2028.

**GLOBAL**  
CERTIFICATION

**СВИДЕТЕЛЬСТВО | CERTIFICATE | CERTIFICAT**

**GLOBAL**  
CERTIFICATION

*Declaration of Compliance*

**Name & Address of Manufacturer:**  
**OPTIMUM PIPES & TUBES**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos,  
Indraguna, Talsika - Indraguna, Oris - 751004,  
India - 751004, India.

This is to certify that the manufacturer has implemented and applies a  
QA System. This QA System has been subjected to a specific compliance for  
material use. In Section 2014/00/01.

**Approved:**  
Director 2014/00/01, Annex - II (Module II)  
(A specific compliance for design, development, production & testing)

**For following scope:**  
Manufacture of Stainless Steel Pipes and Tubes 304/304L,  
316/316L, 316 Ti, 316 TiTi, 321, 317, 304L, Duplex, Super Duplex,  
Inconel, Monel, Hastelloy, Alloy Steel, High Nickel Alloy Stainless  
And Welded Pipes, Tubes and Fittings.

**Production Site:**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos, Indraguna,  
Talsika - Indraguna, Oris - 751004, India.

**Certificate No. 1011-PED-BA-EU-05-5202-SIAC-002375-IN**

This certificate is valid from 08-May-2023 until 08-May-2028  
and remain valid subject to satisfactory Annual Surveillance audits.  
Certification expiry on 07-May-2028.

The validity of this certificate is connected to a valid certification assessment with PED 2014/00/01.

**GLOBAL**  
CERTIFICATION

**СВИДЕТЕЛЬСТВО | CERTIFICATE | CERTIFICAT**

**GLOBAL**  
CERTIFICATION

**MANAGEMENT SYSTEM  
CERTIFICATE**

This is to certify that Environmental Management System of

**OPTIMUM PIPES & TUBES**  
Jumbo Steel No. 4, Midway Industrial Park, Pajagos, Indraguna, Talsika - Indraguna,  
Oris - 751004, India - 751004, India.

Has been assessed and found to conform to the requirements of

**ISO 14001:2015**

**For following scope:**  
Manufacture of Stainless Steel Pipes and Tubes 304/304L,  
316/316L, 316 Ti, 316 TiTi, 321, 317, 304L, Duplex, Super Duplex,  
Inconel, Monel, Hastelloy, Alloy Steel, High Nickel Alloy Stainless  
And Welded Pipes, Tubes and Fittings.

**Certificate No. 1011-EMS-BA-UK-05-5202-SIAC-002377-IN**

This certificate is valid from 06-May-2023 until 06-May-2028  
and remain valid subject to satisfactory surveillance audits  
on 05-May-2028 and 05-May-2027.  
Re-certification audit date on 06-May-2028.  
Certification expiry on 05-May-2028.

**GLOBAL**  
CERTIFICATION

**СВИДЕТЕЛЬСТВО | CERTIFICATE | CERTIFICAT**





## APPLICATION INDUSTRIES

- ✓ OIL & GAS INDUSTRIES
- ✓ PHARMA-CEUTICAL
- ✓ PAPER & PULP
- ✓ FURNACE INDUSTRIES

- ✓ REFINERIES
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- ✓ AUTOMOBILE
- ✓ NUCLEAR POWER

- ✓ SHIP BUILDING
- ✓ SUGAR INDUSTRIES
- ✓ ENGINEERING
- ✓ WATER PIPING SYSTEM



**IMPORTER & EXPORTERS OF:** High Nickel Alloys, Stainless Steel, Carbon Steel, Other Ferrous & Non-ferrous Metals in Shape of Sheet, Plate, Pipes & Tubes, Pipes Fittings, Flanges, Round Bars, etc.

**Address:** Jumbo Shed No. 4, Mistry Industrial Park, Palgam, Umbergaon, Taluka - Umbergaon, Dist - Valsad, Gujarat - 396170.

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**Email:** [info@optimumpipes.com](mailto:info@optimumpipes.com), [sales@optimumpipes.com](mailto:sales@optimumpipes.com) **Website:** [www.optimumpipes.com](http://www.optimumpipes.com)

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