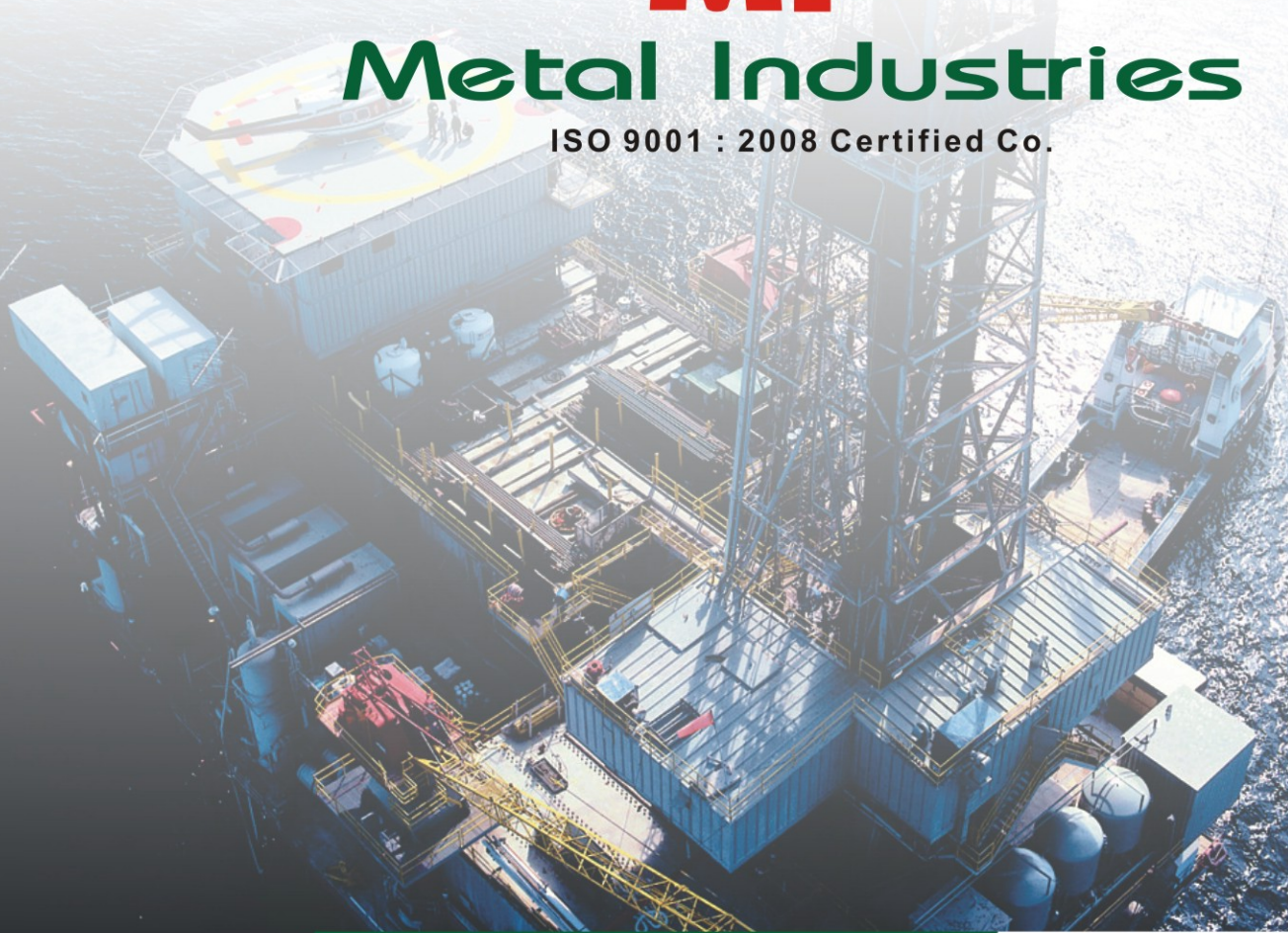




Metal Industries

ISO 9001 : 2008 Certified Co.



www.flanges.co



www.metalindustries.co

World Class
Engineering Products



COMPANY PROFILE



Metal Industries was founded by a group of many years experienced specialists with products developing, designing, producing management and quality control.

Our Organization is ISO 9001:2008 we are supplying only good quality, traceable inspection and reliable delivery with excellent customer services . We are professional and specialize in manufacturing , stockiest and exporters of Pipe Fitting, Flanges, Fasteners, Instrumentations Fittings, Hammer Union, Valves, Gaskets , Pipe and Tubes, Sheet , Plates, Bars & Structural steel products as per customers projects , drawings, standards and specifications. We have made our presence worldwide having operations in more than 90 countries globally.

Our products are used for Oil & Gas, Petroleum & Refinery, Defense, Aerospace & Naval, Power Plant , Ship-Building, Chemical& Parma, Metallurgy & Instrumentation , Construction, Sugar, Pulp & Paper, Biopharmaceutical, Fabrication, etc. With the years of experience in international market and an in-depth understanding of the industry, we are capable to provide our customers with best possible solutions to meet their various requirements. We possess a well maintained warehouse that enables us to keep stock of our products thus we provide a perennial supply of goods to our customers. Our international standards of packaging have facilitated us to create a niche for ourselves in the industry. Apart from exporting products, we also outsource our products according to the requirements of our associates and clients. Committed to providing highest level of customer satisfaction, we are capable to deliver the orders within stipulated period of time to our clients in any part of the world.

We will be glad to be having an opportunity to work with your valued organization & would provide our prompt attention to all your valued enquiries & provide you our best service always. We hence request you to kindly mail us your regular enquiries by enlisting our name in your Vendor List and/or issue the formal Vendor Registration Form and oblige.

Thanking you and assuring you of our best services at all times.

AREA OF APPLICATIONS



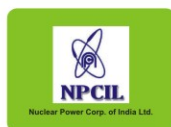
- OIL FIELD EQUIPMENTS
- PETROLEUM & REFINERIES
- SHIP / MARINE CHANDLERS
- OIL & GAS INDUSTRIES
- PIPING INDUSTRIES
- POWER & NUCLEAR PLANTS
- FABRICATIONS
- RAILWAY & AEROSPACE
- CHEMICAL & PHARMACEUTICAL

QUALITY HEALTH & SAFETY

A rigorous system of quality management is in place to ensure that each manufactured products conforms to International standards of excellence.

Quality assurance is the threshold of all the activities and Stringent quality control measures are applied in its in-house facilities for forging, machining and heat treatment processes. We take pride in offering quality products, manufactured in conformance with International standards.

Third Party Inspection





FLANGES

We are engaged in manufacturing and exporting wide range of Flanges that are available in variables sizes for different applications in waterworks, petrochemicals, refineries, chemical industry and construction works. Owing to its high quality, optimum performance, less maintenance, our range of flanges is appreciated by our clients and is available in various material configurations stainless steel, carbon steel, alloy steel, nickel alloys and copper alloys. Based on the sizes, dimensions, shapes and length of these flanges, we can customize the products for our respected clients and following material of Construction.

- Nickel Alloy
- Stainless Steel& Duplex Steel
- Carbon Steel
- Alloy Steel
- Copper & Brass
- Aluminium

Duplex & Super Duplex : UNS S31803, UNS S32750, UNS S32760,

Hastelloy Alloy : ASTM B564 Hastelloy B2, C276, C22

Incoloy Alloys : ASTM B564 Alloy 20, Alloy A286
Alloy 800H/800HT, Alloy 825,

Inconel Alloys : ASTM B564 Alloy 600, Alloy 601, Alloy
625, Alloy 718, Alloy 725,

Monel Alloys : ASTM B564 Monel 400, Monel K500.

Stainless Steel : ASTM A182, F304,304L,304H,316,
316L,317,317L,321,310,347,904L

Carbon Steel : ASTM A105,A694 F42,A350 LF2

Alloy Steel : ASTM A182 F1,F5,F9,F11,F22,F91

Size : 1/2" NB TO 72" NB

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

TYPE

- PLATE BLANK FLANGE
- LAP JOINT FLANGE
- WELDNECK FLANGE
- ORIFACE FLANGE
- LONG WELD NECK FLANGE
- SILIPON
- DECK FLANGES
- DRAWING FLANGES
- SCREWED FLANGE
- SOCKETWELD FLANGE
- BLIND FLANGE
- RTJ FLANGE
- THREADED FLANGE
- SPECTACLE
- LARGE RINGS
- REDUCING FLANGES

Standard

ANSI Flanges : 150#, 300#, 600#, 900#, 1500# & 2500#.

AWWA : Class 2B, 2D, 4E, 5E, 6E

DIN : PN6, PN10, PN16, PN25, PN40

JIS : 5K, 10K

BS : Table D, E, F.





BUTTWELD FITTINGS

We are engaged in manufacturing and exporting wide range of Butt Weld Fitting that is available in varied types & grades sourced from reliable vendors, these fittings are highly acknowledged for their high tensile strength, durability and accurate alloy composition. These find application in several industries such oil & gas, automobile, acid & chemical, pharmaceutical and cement industries. We are known for our butt weld fittings.



- Duplex & Super Duplex:** UNS S31803, UNS S32750, UNS S32760
- Hastelloy Alloy** : ASTM B366 Hastelloy B2, Hastelloy C276 Hastelloy C22
- Incoloy Alloys** : ASTM B366 Alloy 20, Alloy 800H/800HT, Alloy 825, Alloy A286
- Inconel Alloys** : ASTM B366 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725,
- Monel Alloys** : ASTM B366 Monel 400, Monel K500.
- Copper Brass** : CuNi 90 : 10 & 70 : 30
- Stainless Steel** : ASTM A403, WP304,304L,304H,316, 316L,317,317L,321,310,347,904L
- Carbon Steel** : ASTM A234 WPB,A420 WPL3,A420 WPL6, MSS-SP-75 WPHY 42/46/52
- Alloy Steel** : ASTM A234WP1,WP5,WP9,WP11,WP22
- Size** : 1/4" NB TO 24" NB (seamless)
4" NB TO 72" NB (welded)
- Wall Thickness** : Sch. 5s To Sch. XXS

TYPE OF BUTTWELD FITTINGS

- TEE (EQUAL /UNEQUAL)
- REDUCING TEE
- SHORT STUB BEND
- RETURN BENDS
- CAP
- ELBOW (1D/1.5D/3D/5D)
- LONG STUB BEND
- REDUCER
- (CONCENTRIC/ECCENTRIC)
- MITER BENDS

FORGED FITTINGS

We offer to our clients specially designed forged pipe fittings. We also undertake new projects as per the drawings and specifications of the client for forged fittings. The product is delivered in a short time frame. We offer special forged pipes fittings in different metals which find application in various industries. We can offer forged fittings in following materials of construction:-



- Nickel Alloy & Copper Nickel Alloy
- Stainless Steel & Duplex Steel
- Carbon Steel & Alloy Steel
- High Nickel** : Monel, Nickel, Inconel, Hastelloy
- Stainless Steel** : ASTM A182, F304,304L,304H,316, 316L,317,317L,321,310,347,904L
- Carbon Steel** : ASTM A105,A694 F42,A350 LF2
- Alloy Steel** : ASTM A182 F1,F5,F9,F11,F22,F91
- Size** : 1/4" NB TO 4" NB
- Class** : 2000#, 3000#, 6000#, 9000#

Types : Elbow, Tee, Union, Cross, Coup Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parraler Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet,etc.



FASTENERS

We hold expertise in offering fasteners, such as nuts, bolts, washers, anchor fasteners, stud bolts, Threaded Rod to clients. These material available in grade, such as Stainless Steel, Carbon Steel, duplex steel, monel, inconel, hastelloy, titanium and nickel alloy, Wich Alloy Steel assure their high tensile strength and corrosion resistance. Our range finds applications in numerous industries and is offered in sizes ranging from M4 TO M100, length up to 5 meters as per the client's requirements.



TYPES

- ANCHOR FASTENERS
- STUD BOLTS
- HEX HEAD BOLTS
- THREADED RODS
- SOCKET CAPS SCREW
- COUNTERSUNK BOLTS
- HEX NUTS
- FLAT / SPRING / LOCK WASHERS
- EYE BOLTS
- FOUNDATION BOLTS
- WASHERS
- REFRACTORY ANCHOR

Stainless Steels : 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/ 4PH,410, 431,Nitronic 50, Nitronic 60, Nimonic 80A

Carbon Steel : 4.6, 8.8, 10.9, 12.9.

Duplex & Super Duplex : UNS S31803, UNS S32750, UNS S32760, UNS S32550, 254SMO

Hastelloy Alloy : Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3,Hastelloy C276, Hastelloy X, Hastelloy C22

Incoloy Alloys : Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286

Monel Alloys : Monel 400, Monel R405, Monel K500.

INSTRUMENTATION

Port Connectors Tube To Flare 37 Degree, Tube To Female Pipe Thread,Female Elbow, Male Connector, Male Elbow, Pipe Union, Reducing Adapter, Tube Union, Union Cross, Union Elbow, Union Tee, Ball Valve, Check Valve, Double Block & Bleed Valve, Gauge Valve, Manifold Valve, Mono Flange Valve, Needle Valve, Plug Valve, Pressure Relief Valve, Vent & Bleeder Valve Gauge Snubber, Air Header, Syphon, Condensate Pot.



Stainless Steel : A182 304, 304L, 304H, 316, 316L, 316H, 316TI, 321, 347, 347H, 904L.

Carbon Steel : A105

Alloy Steel : A182 F1, F11, F12, F22, F5, F9, F91, F92.

Duplex Steel : A182 F51, F60, UNS S31803, UNS S2205

Super Duplex Steel : A 182 F44, F53, F55, SMO 254, UNS S31254, UNS S32750, UNS S32760.

High Nickel Alloys : Nickel 200,201, Monel K 400 & 500. Inconel 600, 601, 625, 800, 825, Hastelloy C276, Alloy 20.

Non Ferrous : Copper, Brass, Phosphor Brass.



VALVE

GLOBE VALVE BS 5352 / BS 6755 / BS 1873 /
 BS 6755 / ASME B 16.34 / DIN 3356



STAINLESS STEEL (BAR STOCK) RATING : 150# / 300#
 SIZE : 8 MM TO 100 MM

CAST CARBON STEEL / S. STEEL / ALLOY STEEL RATING : 125# / 150# / 300#
 SIZE : 25 MM TO 1200 MM

FORGED CARBON STEEL / S. STEEL RATING : 150# / 300# / 800# / 1500#
 SIZE : 15 MM TO 50 MM

CAST IRON RATING : 150# / 300# / 600# / 900#
 SIZE : 25 MM TO 1200 MM

	FORGED RANGE	CAST RANGE
DESIGN (Mfg.) STD.	BS 5352	BS 1873 / DIN 3356
TEST (INSPECTION) STD.	BS 6755	BS 6755

STRAINER



CAST CARBON STEEL
 DESIGN : Y - TYPE (PN 40 / DIN 3356 / BS 1873)
 SIZE : 15 MM TO 80MM

STAINLESS STEEL (BAR STOCK)
 DESIGN : Y - TYPE (150#)
 ENDS : SCREWED / SOCKET WELD
 SIZE : 15 MM TO 80 MM

CAST IRON

DESIGN : Y-TYPE (150#) ENDS : FLANGED
 ENDS : SCREWED / SIZE : 40 MM TO 300 MM
 FLANGED DESIGN : T - TYPE (DIRT BOX)
 SIZE : 15 MM TO 300 MM ENDS : FLANGED
 DESIGN : POT TYPE SIZE : 25 MM TO 300 MM



GATE VALVE BS 1414 / BS 5352 / API 600 / API 602
 / API 6D / ASME / B 16.34 / API 598



STAINLESS STEEL (BAR STOCK) RATING : 150# / 300#
 SIZE : 8 MM TO 100 MM

CAST IRON RATING : 125# / 150# / 300#
 SIZE : 25 MM TO 1200 MM

FORGED C. STEEL / S. STEEL RATING : 150# / 300# / 800# / 1500#
 SIZE : 25 MM TO 1200 MM

CAST C. S. / S. S. / A. S. RATING : 150# / 300# / 600# / 900#
 SIZE : 15 MM TO 1200 MM

	FORGED RANGE	CAST RANGE
PRESSURE / TEMP. RATING	ANSI B 16.34 / API 6D	ANSI B 16.34
DESIGN (Mfg.) STD.	API 602 / BS 5352	API 600 / API 6D
TEST (INSPECTION) STD.	API 598 / BS 6755	API 598 / API 6D

BUTTERFLY VALVE



API 609 / BS 5155 / IS 13095
 Mfg. STD : BS 3155 / AWWA C 504 / API 609 / IS 13095
 TEST STD. : BS 5155 / BS 6755

CAST IRON

DESIGN : SURESEAL / REPLACEABLE / RUBBER LINING
 ENDS : WATER TYPE
 SIZE : 40 MM TO 300 MM

CAST C. STEEL

OPERATION : LEVER / MANUAL GEAR
 DESIGN : SURESEAL / REPLACEABLE / RUBBER LINING
 ENDS : WATER TYPE
 SIZE : 40 MM TO 500 MM

DESIGN : OFFSET DISC
 OPERATION : LEVER / GEAR (ISI MARKED)
 ENDS : WATER TYPE / DOUBLE / FLANGED / LUGGED TYPE
 SIZE : 350 MM TO 1200 MM

STAINLESS STEEL

DESIGN : OFFSET DISC
 OPERATION : LEVER/MANUAL GEAR / MOTORISED GEAR
 ENDS : WATER TYPE
 SIZE : 40 MM TO 300 MM

ALSO AVAILABLE

- CHECK VALVE
- BALL VALVE
- PLUG VALVE
- SAFETY RELIEF VALVE
- NEEDLE VALVE
- PRESSURE REDUCING VALVE

GASKETS

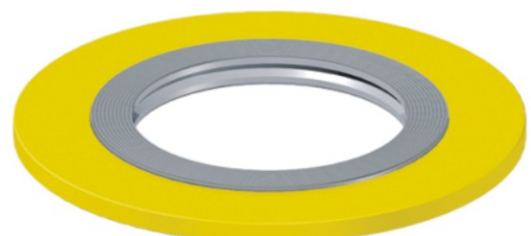
Metallic

- Ring Joints Gaskets
- R -Type Ring joint Gaskets
- RX Type Ring joint Gaskets
- BX Type Ring joint Gaskets
- SRX & SBX Type Ring joint Gaskets



Semi-Metallic Gaskets

- Spiral Wound Gaskets
- Metal Jacketed Gaskets
- Corrugated Metal Gaskets
- Camprofile (Grooved) Gaskets
- PTFE gaskets





PIPES & TUBES

We are one of the most trusted Stockist for offering finest range of Stainless Steel, Duplex Steel, Carbon & Alloy Steel Pipes. Used in different industries for diverse applications, these pipes can be available in standard as well as customized dimensions as per the requirement of the clients. These pipes are appreciated for their sturdy and precise construction. We are known for offering our product range at reasonable prices and delivering consignment within given time frame.

Nickel Alloy

ASTM / ASME SB 161/B725/B730 UNS 2200 (NICKEL 200 & 201)
ASTM / ASME SB 165/B725/B730 UNS 4400 (MONEL 400 & 500)
ASTM / ASME SB 729/B464/B468 UNS 8020 (ALLOY20 / 20 CB 3)
ASTM / ASME SB 423/B705/B704 UNS 8825 (INCONEL 825)
ASTM / ASME SB 167/B517/B516 UNS 6600 (INCONEL 600)
ASTM / ASME SB 444/B705/B704 UNS 6625 (INCONEL 625)
ASTM / ASME SB 622/B619/B622 UNS 10276 (HASTELLOY C276)

Stainless Steel

ASTM / ASME SA 312 GR. TP 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316Ti, 316H, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L.

Duplex Steel

ASTM / ASME SA 790 UNS NO: 31803 / 32760

Carbon Steel

ASTM / ASME A 53 GR. A & B, ASTM A 106 GR. A, B & C. API 5L GR. B, API 5L X 42, X 46, X 52, X 60, X 65 & X 70. ASTM / ASME A 691 GRA, B & C

Alloy Steel

ASTM / ASME A 335 GR P1, P5, P9, P11, P12, P22, P 23, P 91

Cupro Nickel

70 : 30 & 90 : 10.

Aluminium Alloys

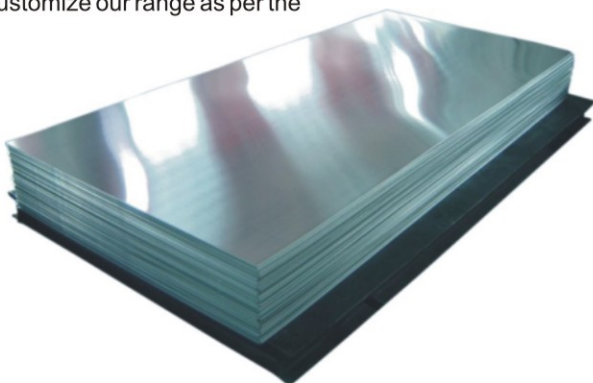
2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075



SHEET / PLATES / COILS

We have been offering to our clients a vast range of Sheets and Coils, that are offered in various specifications to our clients. Catering to the requirements of various industries, our range is known for its corrosion resistance, durability & high tensile strength.

Our clients can avail from us Plates that are manufactured using high grade stainless steel. These cater to the requirements of various industries and are known for their attributes, such as high tensile strength, corrosion resistance & long life usage. Further, we also have the expertise to customize our range as per the



Stainless Steel : Plates as per ASTM A240, Gr. TP 304, 304L, 304LN, 309, 309S, 309H, 310H, 316, 316L, 316H, 316LN, 316Ti, 317, 317L, 321, 321H, 347, 347H, 409, 410, 420, 430 etc.

Nickel Alloy

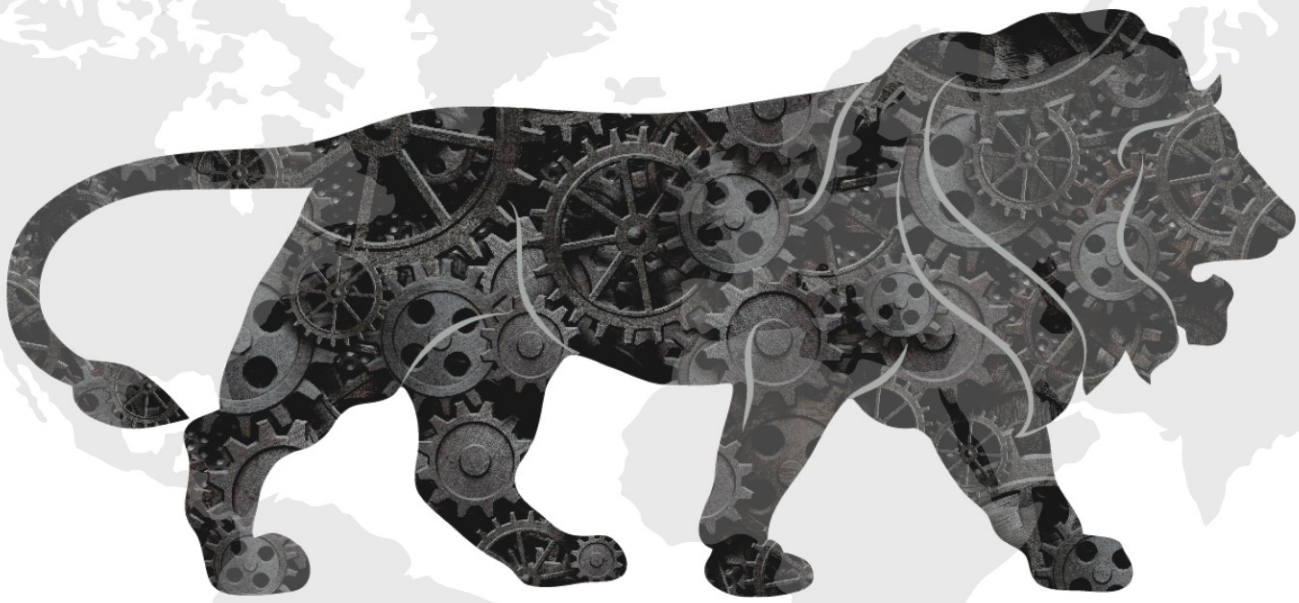
ASTM / ASME SB 162 UNS 2200 (NICKEL 200), ASTM / ASME SB 162 UNS 2201 (NICKEL 201), ASTM / ASME SB 127 UNS 4400 (MONEL 400), ASTM / ASME SB 463 UNS 8020 (ALLOY20 / 20 CB 3), ASTM / ASME SB 424 UNS 8825 (INCONEL 825), ASTM / ASME SB 168 UNS 6600 (INCONEL 600), ASTM / ASME SB 409 UNS 8810/8811 (INCONEL 800/800HT), ASTM / ASME SB 443 UNS 6625 (INCONEL 625), ASTM / ASME SB 575 UNS 10276 (HASTELLOY C276)

Carbon Steel / Boiler Quality Plates : As per IS 2062 / ASTM A36, Gr.A, B & C, IS 2002 Gr. 1 & 2 ASTM A516 Gr. 60 & 70

Alloy Steel Plates : As per ASTM A387 Gr. 2, 9, 11, 12 & 22 in class 1 & 2 ASTM A204 Gr A & B, DIN 17175 Gr. 15Mo3 & 16Mo3 WITH IBR Test Certificate.

Aluminium Alloys : 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075

Range : 0.5 mm To 200 mm thick in 1000 mm To 3000 mm width & 2500 mm To 12500 mm Length available with NACE MR 01-75



Metal Industries

AN ISO 9001 : 2008 Certified Co.

Manufacturer, Exporters & Distributor of :
Industrial Raw Material & Engineering Products

Reg. off. : 177/181, J.T. Building, Dr.M.G. Mahimtura Marg,
3rd Kumbharwada Lane, Mumbai-400 004, (India)

Tel: +91 (22) 2389 2476 / 6639 4004

Fax: +91(22) 2388 4109

Email : metalinds@gmail.com / metalindustries@live.in

Web : www.metalindustries.co - www.flanges.co

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