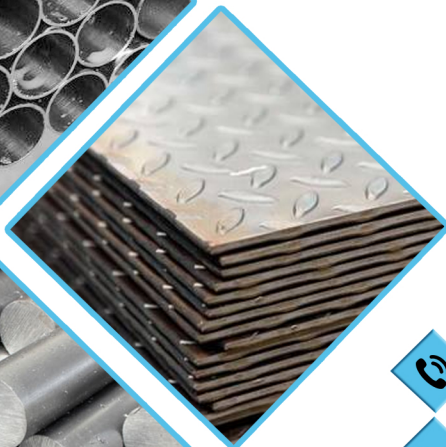




# MERINO INOX

Engineering Co.

We are your  
source to Steel



+91 9833466300



info@merinoinox.co.in



www.merinoinox.co.in

# ABOUT MERINO INOX ENGINEERING CO.

We Merino Inox Engineering Co. are Fastest growing International Suppliers & Exporters of Industrial Raw material to world renowned companies in India & abroad, providing them with world class quality material and service. Our products are supplied & accepted by our clients in various sphere of industries ranging from basic industries such as Paper, Textile, Sugar, Dairy, Cement, Engineering to more complex such as Petroleum, Chemicals, Power, Offshore, Onshore & Nuclear Industries.

We have dedicated sources, expertise & full technical know-how to supply quality products as per Client's basic & special requirements.

We deal in Stainless Steel, Carbon Steel, Alloy Steel, Copper Alloys & Exotic Nickel Alloys in form of Pipe, Tube, Sheet, Plates, Fittings & Flanges. We can fulfill Client's requirement of all size as we stock huge amount of material from both indigenous & foreign manufactures.

Our major advantage is our qualified workforce, we have pool of specialist in field of Technical, Sales & Logistic, who are fully committed to provide with best solution for your business & can help you solve all your procurement problems.

At Merino Inox Engineering Co. Quality is Guaranteed, we take use of innovative & latest available technology to meet client's full requirements regarding Quality & Value for money.

We hope the information provide on our site to be useful to you & you will forward us your regular enquiry and requirements & provide us with an opportunity to work with your esteem Organisation. If you have any suggestion or query, how we can serve you better please do inform us. your suggestion are heartily welcomed.

## OUR QUALITY

We has set its focus on future requirements in Steel Industry while successfully following the present ones. Durability, Quality and Dependability are ingrained very deeply into the quality program at Merino Inox Engineering Co.



## OUR VISION & MISSION

We help customers develop their energy resources: bringing world class capability and delivering it locally. We promote commercial arrangements that are aligned to our customers needs. allowing us to deliver more value to the customer while increasing the returns from our most precious asset — our people.



## OUR FACILITIES

We have all in house facilities for procuring of various ferrous and non ferrous metals and manufacturing of butt weld fittings, forged fittings, flanges in multiple locations in India. Our facilities include testing, cutting, hot & cold forming, pressing, rolling, welding, grinding, finishing, solution annealing, heat treatment, surface treatment, machining, drilling, id control.

All our products are manufactured from the finest quality of raw materials and each product comes with manufacturers test certificate with any third party inspection as per customer requirement.



## THIRD PARTY INSPECTION AGENCIES

We also supply the materials under following third party inspection agencies



# EXPORTS

With our increased National presence, valuable experience over the years and continuous improvement in our product offering / service, we are also increasing our footprint across major world markets with renewed vigour. Further to expand our foothold we are in talks with various mills/companies for strategic tie up in field of technology, material, manufacturing and marketing.



We are now regularly exporting our products to discerning customers across various countries. Namely

**Middle East Countries**

**Far East Countries**

**Sri Lanka**

**Bangladesh**





## **STAINLESS STEEL BUTT WELD PIPE FITTINGS**

304, 304L, 304H, 316, 316L, 310, 310S, 904L, 347, 347H, 317L, 410, 409, 420, 630 etc.

## **DUPLEX STAINLESS STEEL BUTT WELD PIPE FITTINGS**

31803, 32205, 32750 etc.

## **ALUMINIUM BUTT WELD PIPE FITTINGS**

2024, 6061, 6063, 6060, 6082 etc.

## **NICKEL & SUPER ALLOYS BUTT WELD PIPE FITTINGS**

NICKEL (200, 201), INCONEL (600, 601, 625, 718), INCOLOY (800, 800H, 800HT, 825), MONEL (400, 405, 500), HASTELLOY (C22, C276)

## **CARBON STEEL BUTT WELD PIPE FITTINGS**

ATSM A283, A285, A515, ASTM 516, ASTM A105, ASTM A234, LF1, LF2, ASTM A106, ASTM A333, ASTM A53, API 5L etc.

## **ALLOY STEEL BUTT WELD PIPE FITTINGS**

ASTM A387 Gr.11/22/5/9/91, ASTM A335 Gr.5/9/11/22/91, 4140, 4145, 4140H, 4145H etc.

## **COPPER & COPPER ALLOYS BUTT WELD PIPE FITTINGS**

COPPER NICKEL 90/10, COPPER NICKEL 70/30, COPPER NICKEL 80/20), BRASS, BRONZE, PHOSPHOR BRONZE etc.

**TYPES :** Elbow 45/90/180 Degree , Tee, Cross, Reducer, Cap, Stub Ends, Nipple, Union, Plug etc.



## **STAINLESS STEEL FORGED FITTINGS**

304, 304L, 304H, 316, 316L, 310, 310S, 904L, 347, 347H, 317L, 410, 409, 420, 630 etc.

## **DUPLEX STAINLESS STEEL FORGED FITTINGS**

31803, 32205, 32750 etc.

## **ALUMINIUM FORGED FITTINGS**

2024, 6061, 6063, 6060, 6082 etc.

## **NICKEL & SUPER ALLOYS FORGED FITTINGS**

NICKEL (200/201), INCONEL (600/601/625/718), INCOLOY (800/800H/800HT/825/DS), MONEL (400/405/500), HASTELOY (C22/C276)

## **CARBON STEEL FORGED FITTINGS**

ATSM A283, A285, A515, ASTM 516, ASTM A105, ASTM A234, LF1, LF2, ASTM A106, ASTM A333, ASTM A53, API 5L etc.

## **ALLOY STEEL FORGED FITTINGS**

ASTM A387 Gr.11/22/5/9/91, ASTM A335 Gr.5/9/11/22/91, 4140, 4145, 4140H, 4145H etc.

## **COPPER & COPPER ALLOYS FORGED FITTINGS**

COPPER NICKEL 90/10, COPPER NICKEL 70/30, COPPER NICKEL 80/20), BRASS, BRONZE, PHOSPHOR BRONZE etc.

**TYPES :** 45° Elbow, 90° Elbow, 180° Elbow, Equal Tee, Unequal Tee, Concentric Reducer, Eccentric Reducer, Cross, Stub Ends, Weldolet, Thredolet, Sockolet, Hammer Union, etc.



## **STAINLESS STEEL FLANGES**

304,304L,304H, 316, 316L, 310, 310S, 904L, 347, 347H, 317L, 410  
409, 420, 630 etc.

## **DUPLEX STAINLESS STEEL FLANGES**

31803, 32205, 32750 etc.

## **ALUMINIUM FLANGES**

2024, 6061, 6063, 6060, 6082 etc.

## **NICKEL & SUPER ALLOYS FLANGES**

NICKEL (200/201), INCONEL (600/601/625/718), INCOLOY  
(800/800H/800HT/825/DS), MONEL (400/405/500), HASTELOY  
(C22/C276)

## **CARBON STEEL FLANGES**

ATSM A283, A285, A515, ASTM 516, ASTM A105, ASTM A234, LF1,  
LF2, ASTM A106, ASTM A333, ASTM A53, API 5L etc.

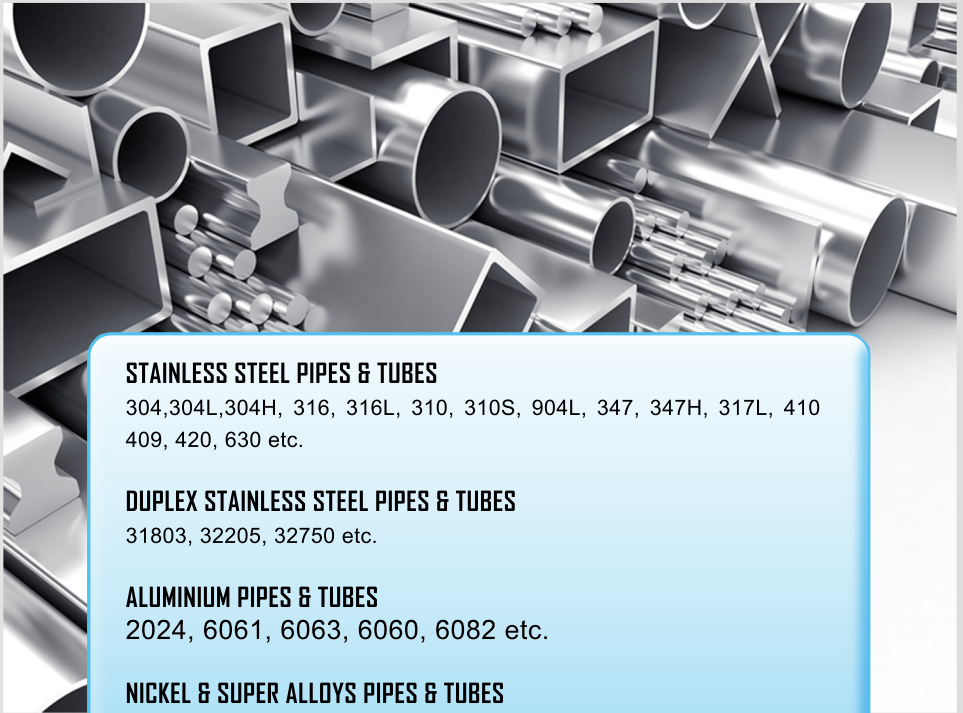
## **ALLOY STEEL FLANGES**

ASTM A387 Gr.11/22/5/9/91, ASTM A335 Gr.5/9/11/22/91, 4140, 4145,  
4140H, 4145H etc.

## **COPPER & COPPER ALLOYS FLANGES**

COPPER NICKEL 90/10, COPPER NICKEL 70/30, COPPER NICKEL  
80/20), BRASS, BRONZE, PHOSPHOR BRONZE etc.

**TYPES :** Slip On, Welding Neck / Long Welding Neck, Socket Welding, Threaded, Blind / Bossed Blind,  
Orifice, Special Flanges as per Customers' Drawings



## **STAINLESS STEEL PIPES & TUBES**

304, 304L, 304H, 316, 316L, 310, 310S, 904L, 347, 347H, 317L, 410, 409, 420, 630 etc.

## **DUPLEX STAINLESS STEEL PIPES & TUBES**

31803, 32205, 32750 etc.

## **ALUMINIUM PIPES & TUBES**

2024, 6061, 6063, 6060, 6082 etc.

## **NICKEL & SUPER ALLOYS PIPES & TUBES**

NICKEL (200/201), INCONEL (600/601/625/718), INCOLOY (800/800H/800HT/825/DS), MONEL (400/405/500), HASTELOY (C22/C276)

## **CARBON STEEL PIPES & TUBES**

ATSM A283, A285, A515, ASTM 516, ASTM A105, ASTM A234, LF1, LF2, ASTM A106, ASTM A333, ASTM A53, API 5L etc.

## **ALLOY STEEL PIPES & TUBES**

ASTM A387 Gr.11/22/5/9/91, ASTM A335 Gr.5/9/11/22/91, 4140, 4145, 4140H, 4145H etc.

## **COPPER & COPPER ALLOYS PIPES & TUBES**

COPPER NICKEL 90/10, COPPER NICKEL 70/30, COPPER NICKEL 80/20, BRASS, BRONZE, PHOSPHOR BRONZE etc.

**TYPES :** Seamless / ERW / EFW / Welded / Fabricated / LSAW Pipes



## **Stainless steel**

303, 304, 304L, 304H, 310, 310S, 310H, 316, 316L, 316Ti, 317, 317L, 329, 347, 347H, 410, 446, 904L ASTM A276, ASTM A479, ASTM A484, ASTM A582, ASTM B473

## **Duplex & Super Duplex Steel**

S31803, S32205, S32750, S32760 A276

## **Carbon steel**

A105, A350 LF2, AISI 1018, AISI 1045, EN Series A105, A106

## **Alloy steel**

F1, F5, F9, F11, F12, F22, F91 ASTM A182

## **Inconel**

600, 601, 625, 718, 800, 800H, 800HT, 825, 925, 330, SS 330, Ra 330 B166, B446, B637, B408, B425

## **Nickel Alloy**

200, 201 B160

## **Monel**

400, K500 B164, AMS 4676

## **Titanium**

Gr 2, Gr 5 ASTM B338

## **Hastelloy**

C22, C276, B2, B3, X B574

## **Cupro Nickel**

90 / 10, 70 / 30, Copper, Brass ASTM B111, B151, ASME SB151

**TYPES :** Round Bar, Hex Bar, Square Bar, Bush, Rectangle, Flat, Block, Billet, Ingot Etc.



# SHEETS , PLATES & COILS



## **STAINLESS STEEL SHEETS, PLATES & COILS**

304, 304L, 304H, 316, 316L, 310, 310S, 904L, 347, 347H, 317L, 410, 409, 420, 630 etc.

## **DUPLEX STAINLESS STEEL SHEETS, PLATES & COILS**

31803, 32205, 32750 etc.

## **ALUMINIUM SHEETS, PLATES & COILS**

2024, 6061, 6063, 6060, 6082 etc.

## **NICKEL & SUPER ALLOYS SHEETS, PLATES & COILS**

NICKEL (200/201), INCONEL (600/601/625/718), INCOLOY (800/800H/800HT/825/DS), MONEL (400/405/500), HASTELOY (C22/C276)

## **CARBON STEEL SHEETS, PLATES & COILS**

ATSM A283, A285, A515, ASTM 516, ASTM A105, ASTM A234, LF1, LF2, ASTM A106, ASTM A333, ASTM A53, API 5L etc.

## **ALLOY STEEL SHEETS, PLATES & COILS**

ASTM A387 Gr.11/22/5/9/91, ASTM A335 Gr.5/9/11/22/91, 4140, 4145, 4140H, 4145H etc.

## **COPPER & COPPER ALLOYS SHEETS, PLATES & COILS**

COPPER NICKEL 90/10, COPPER NICKEL 70/30, COPPER NICKEL 80/20, BRASS, BRONZE, PHOSPHOR BRONZE etc.

**TYPES :** Coils, Foils, Rolls, Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Ring (Flange) etc.

# CHEQUERED SHEET

## MECHANICAL PROPERTIES

Width - 1250mm to 1500mm  
Length - Can be cut to sheets according to the requirement  
Max. Weight - 25 MT per coil  
Material - Mild Carbon Steel  
Thickness - 2.8mm to 10mm

## GRADES

IS 3502

## SPECIFICATION

| Standard Specifications   |       | Chemical Composition (%) |        |       |       |        |    |       |                  |        |
|---------------------------|-------|--------------------------|--------|-------|-------|--------|----|-------|------------------|--------|
| Equivalent Specifications | Grade | C Max                    | Mn Max | S Max | P Max | Si Max | Al | N Max | Micro Alloys Max | CE Max |
| IS 3502                   | E250A | 0.23                     | 1.50   | 0.045 | 0.045 | 0.40   |    | 0.012 | 0.25             | 0.42   |
| EN 10025                  | S25JR | 0.21                     | 1.50   | 0.035 | 0.035 |        |    | 0.012 |                  | 0.40   |
| ASTM A36                  | A36   | 0.25                     |        | 0.050 | 0.040 | 0.40   |    |       |                  |        |

| Mechanical Properties ('t'=thickness in mm & 'GL'=Gauge Length) |             |          |                   |                |        |        |
|---|-------------|----------|-------------------|----------------|--------|--------|
| Tensile Test Direction  | YS(Mpa) Min | UTS(Mpa) | %EL(min) GL5.65√A | Bend (180 Deg) | Temp C | Si Max |
| T   | 250         | 410      | 23                | 21             |        |        |
| T   | 275         | 410-560  | 21                |                | 20     | 27     |
| T   | 250         | 400-550  |                   |                |        |        |

**TYPES :** Coils, Foils, Rolls, Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Ring (Flange)

# APPLICATIONS



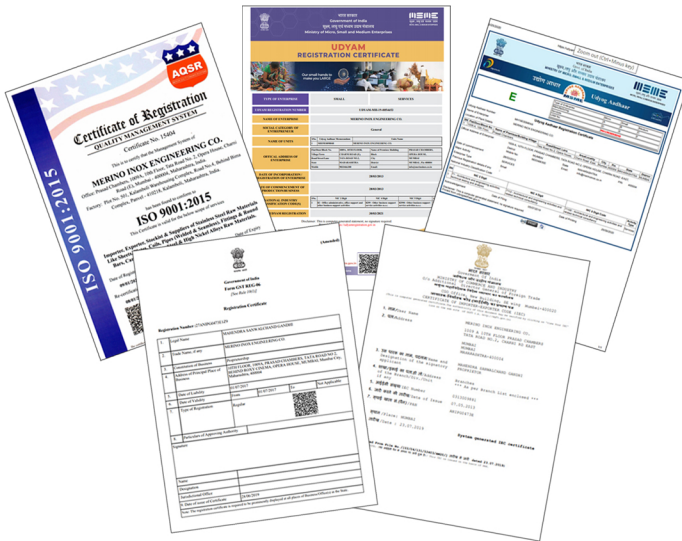
- Petrochemicals
- Refineries
- Pharmaceuticals
- Power
- Chemical Industries



- Cement
- Fertilizer
- Heavy Engineering
- Ship building
- Paper & Pulp



# CERTIFICATIONS



# MERINOX

Engineering Co.

We are your  
source to Steel



## ADDRESS

Prasad Chambers, 1009A,  
10th Floor, Tata Road No.2 ,  
Opera House, Charni Road (E),  
Mumbai-400004, Maharashtra, India.



## WAREHOUSE 1

Plot No.501, Kalamboli Warehousing  
Complex, Road No.4, Behind Bima  
Complex, Panvel-410218, Kalamboli,  
Maharashtra, India.



## WAREHOUSE 2

Plot No. OP-38, NEO Developers,  
Usatane, Maharashtra 421204,  
Maharashtra, India.



## EMAIL ADDRESS

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## CONTACT NUMBER

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## WEBSITE

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