

# FLUXO<sup>®</sup>

Engineering is a creative practice



**NMT ENGINEERING & SERVICES PVT. LTD.**



With an experience of more than 18 years Mr Nitesh N Panchal has started NMT Engineering & Services Pvt. Ltd. incorporated on 09<sup>th</sup> Oct 2013. The founder Director started its dream journey in the year 1994 From the beginning company was actively involved in manufacturing equipments, Spares & repair for oilfield Offshore & Onshore Rigs. FLUXO has continued It's Practices of making addition in Product, Improvement in process and there by quality. Our product is used, tested, accepted by many domestic & international customers. It is further supported by experienced sales & technical staff.

Having state of the are infrastructure with Latest machinery, Measuring & Testing Equipments, Experience Staff. Approvals and Accreditations from National & International Agency.

We are serving to Oilfield Oil & Gas Industry, Marine and Shipbuilding, Electrical Power Plants, Air Compressor Industries, Refineries & Fertilizer Plants and Contract Manufacturing Services for OEM.

#### OUR MAIN PRODUCTS ARE :

- Ring Joint Gasket
- Flanges-Spacer & Adaptor Spools
- Hammer Unions
- Cross Overs Connections
- Dies & Inserts
- High Tensile Studs & Bolts
- Metal Cutting & Machining Services
- Spares for Valves
- Fabrication / Welding of Structures
- Repair and Maintenance



### Flanges

- FLUXO can provide a wide range of Flanged or Studded connections, which includes, Double Sided Adapters (DSA's), Blinds Tests, Targets, Adapter Flanges, Unions and Welding Necks.
- All equipment conforming to API, ANSI, in line with specific Customer Requirements.
- Ring Grooves can be inlayed with a variety of stainless steels and high Nickel Alloys.
- Manufactured As per API-6A PSL -1 thru PSL-3. Sour Service is available and all H2S service parts conform to the Latest NACE specifications.

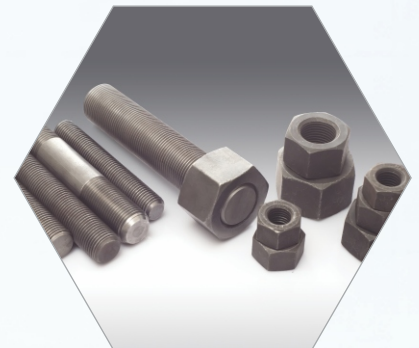
### Hammer Unions



FLUXO Hammer Unions are made from Forged Alloy Steel. The steel has High Anti Corrosive property and High Strength. It comes with Weldon and Threaded type with all size from 1" to 12". From Sch 40 to 160 and in XXH type also. FLUXO Hammer Unions cover the Working Pressure range from 100 PSI to 20000 PSI. We provide all Sour Services Hammer Unions with Viton Seal Rings.

We provide **Tank Union, Suction Union, Blind Cap and Test Plug Unions** also.

### Studs & Bolts



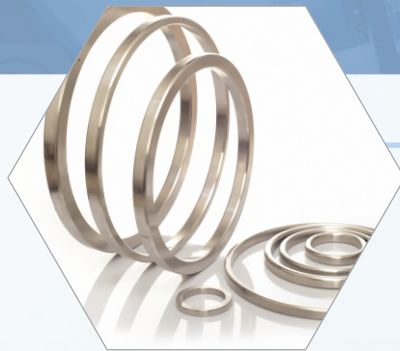
- As per ASTM A193 grade B7
- Material AISI 4140, 4142, 4105, 4130, SS, Inconel
- Studs for SOUR Services, Confirm to NACE Standard
- Thread are UNC / UNF / UN series, class 2A and 3A in accordance which ANSI / ASME B 1.1
- Coating available in plated and black.



### Welding Febrication on Site

We are providing Welding, Febrication, Repair and Testing Services on Drill Site. We do have staff of Certified Welders, NDE Personal, and Welding Inspectors. High Strength & Pressure component Welding with NDE Approvals is our Strength.



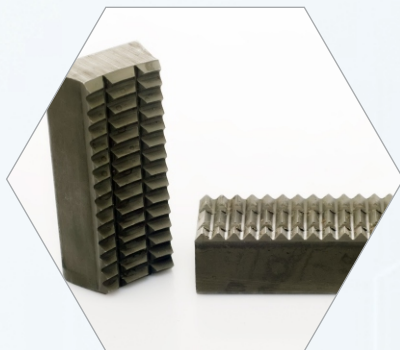


## Ring Joint Gasket

FLUXO Ring Joint Gasket are made to perform under severe service conditions, such as high pressure, high temperature & extremely corrosive fluid. Ring Gaskets specified by API, fit and seal flanges and hubs appearing in API Spec 6A, 16A, 17D etc.,

Our Gasket is made as per API 6A / ASTM / ASME standard specification. It is available in oval & octagonal shape.

## Slip Inserts



FLUXO inserts are machined, not cast, to provide the accuracy and superior operational activity. Dies and Inserts are heat treated with state of the art technology. It provides maximum insert life. We provide our Dies in variety of tooth patterns to securely grip the casing, tubing and drill-pipe.

FLUXO manufactures the Dies, Inserts, and Spares for Verity of Oil Field Handling Tools Like :

- Safety Clamps
- Drill Coller Slips
- Casing Slips
- Slip Type Elevators
- Tubing Elevators
- Tubing Tongs
- Tubing Spiders
- Power Tongs
- Iron Roughnecks

## Valve Spares & Repairing



We do repair/refurbish/service of Valves of any OEM. Also manufactures and supply Valve spares for Technical Specifications Like API 6A, API 6D, API 16C , ASTM & ASME, DIN, JIS, and as per customer Specific requirements. Types of Valves Spares we are making : Ball Valve, Globe Valve, Gate Valve, Check Valve, Non Return Valve, and other kind.

The Parts we Manufactures are : **Body, Bonnet, Steam, Bushing, Gasket, Coupling Flanges, Covers, Balls for Ball Valve.**

We can work on casting of all kind and all metals including Inconel , forgings. We do have Hydro Testing Facility up to 30,000 PSI with Computerized Chart recorder.

## Cross Over & Union Connections



- Available in any Combination of flanges and union connection,
- Inter changeable which OEM equipment and spares
- Material confirms to API specification and NACE
- Pressure rating from 1000 to 20000 PSI.

# INDUSTRY WITH PRODUCTS DETAILS EXISTING AND FUTURE



## Oil & Gas Industry

- ◆ Flanges Studs Unions & Couplings Metallic Gaskets.
- ◆ Valve Spares
- ◆ Valve Repairing
- ◆ Houses & Pipe Couplings
- ◆ Fabrication & Steel Structure
- ◆ Repair / Maintenance / Testing on site



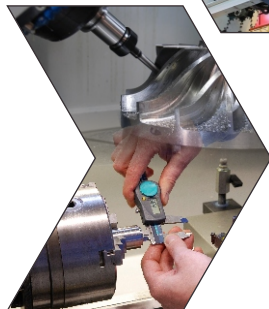
## Marine Industries

- ◆ Butterfly Valve
- ◆ Studs
- ◆ Flanges
- ◆ Pipe Fittings & Couplings
- ◆ Fabrication & Steel Structures



## Electrical & Turbine Industry

- ◆ Stem & Power Turbine Spares
- ◆ Studs & Bolts Couplings
- ◆ Non Ferrous components for Electrical Transmission and Power Plant



## Metal Cutting & Machining Service

- ◆ We can work on every kind of metal having Min. OD 200 mm, Max. OD 1000 mm, Length 1000 mm
- ◆ Metal Block of size 500mm x 500mm x 500mm

## Quality Testing Lab

- ◆ Destructive & Non Destructive Testing
- ◆ Inspection for Reverse Engineering

## Services for OEM and Engineering Company

- ◆ Spares as per drawing and technical specification
- ◆ Spares for Machinery Manufacturers
- ◆ Fabricated Structure as per drawing and technical specification



## NMT ENGINEERING & SERVICES PVT. LTD.

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