

Capabilities Statement

INDOFAB INDUSTRIES is well-known for the supply of quality process equipment for past 35 years. The company has its expertise in the Mid-Sized to Heavy Equipment Manufacturing working with top notch EPC contractors and consultants for serving large size project requirements for Government and Private organisations. The company also houses an impressively equipped Engineering department capable of 3D modelling and Analysis as well as fully-staffed Sales, Production and Customer Service teams. Manufacturing capabilities of the company are summarised as below:

MANUFACTURING

With Central manufacturing facilities of 32000 sq.ft. & total manufacturing facilities over 40500 Sq. ft INDOFAB undertakes process equipment manufacturing for diverse industries in field of solid-liquid separation. The company can perform a wide variety of operations in-house due to Broad Range of Inhouse Capabilities as :

WORKING AREA

Total area available at Mira road premises is 32000 Sq.Ft. Out of which working area of 26000 Sq.ft is covered with fully equipped shed (having center height 12M & 8M) and rest open for storage of raw materials and semi-finished goods. Navi Mumbai works 8500 Sq.ft

EOT CRANES

The working area is fully equipped with 9 EOT cranes for material handling with largest capacity of 15 tons.

FOUNDRY

We also have an associate foundry with capacity upto 20 to 25 tons /month of castings and single piece castings upto 2.0 tons. And a strong network of pre-approved foundries for Customized Material castings.

PATTERN SHOP

With thousands of patterns made against various orders since last 35 years they are tagged with equipment and part no. This helps us cater the spare part requirements of clients for years. Pattern Design to actually produce an engineered product/model is one of the key strengths of company.

FRP / RUBBER LINING FACILITY

We are capable of taking Manufacturing of FRP lined Specially built Process Equipments for very harsh environments, this lining is carried out inhouse with specially skilled labours. We also undertake Manufacturing of specially Rubber lined Process Equipments which is accomplished with few of the reputed lining vendors.

REGISTRATIONS

- ISO 9001: 2008
- MSMED
- NSIC & FACTORY ACT REGISTERED UNITS.

OFFICES

3500 sq.ft 2 storey building with fully integrated Admin, Design, Engineering, Procurement and Quality Control divisions. The office also encompasses a vast technical library for references & design support.

ENGINEERING SUPPORT

Engineering resources allow for seamless integration of your designs into our manufacturing processes. These resources include:

- Degreed and experienced Professional Engineers.
- 3D modelling, Engineering Detailing, Pilot Study.
- Structural/Engineering & Analytical Analysis.

Equipment can be designed in house from concept through modelling and prototyping.

SOFTWARES (x08 Work Stations)

- AUTOCAD 2014 / 16
- AUTODESK INVENTOR 15.
- SOLIDWORKS 2014 / 15

POWER

- Total connected load of 150 HP

OFFICE & WORKS:

C/3-4-5, Hatkesh Udyog Nagar, Kashimira Bhayander Road

Post: Mira, Dist Thane, Maharashtra 401104.

Tel: 91-22-28111326 / 28113414

Email: sales@indofab.com, operations@indofab.com**MACHINE LIST****LATHES (x17)**

- WARD HAGGAS & SMITH LTD KEIGHLEY ENGLAND
CEN. HT. = 2 M, BETWN. CEN. = 2 M CHUCK 2M
PRECISION LATHE WITH GRINDING ATTACHMENT
- DIVAMAG CEN. HT. = 420 MM, BETWN. CEN. =
9000 MM

MILLS (x02)

- BHAMBAR LG. TRAVEL = 750 MM, BED WIDTH =
300 MM
- G.DUFOUR B24B MONTREUIL FRANCE LG. TRAVEL
= 1000 MM, BED WIDTH = 350 MM

BORING (x02)

- GRAFFENSTADEN SPINDLE = 70 MM, TABLE =
1000 X 800 MM
- SPINDLE = 50 MM, TABLE = 1260 X 600 MM

DRILLING (x06)

- MEW25/230 MAKAWANA ENGINEERING WORKS
LIFT HT. = 540 MM, CAPACITY = 75 MM
- KOVOSVIT MAS LIFT HT. = 650 MM, RADIAL ARM =
1250 MM, CAPACITY = 75 MM

QUALITY**INSTRUMENTS**

- Manual & Digital type Vernier Calliper's of Size 6",
12", 24" & 36" (x18)
- Height Gauge up to 24" (x02)
- Inside Micrometer up to 60" (x06)
- Outside Micrometer up to 36" (x08)
- Hardness Testing Facility (x01)
- Non-Contact type Tachometer (for Recording
RPM) (x01)
- Slip Guages (x01)
- Feeler Guages (x02)
- Gear tooth Vernier (x01)
- Radius Guages (x01)
- Non-Contact type Infra-red Temperature
Indicator. (x01)
- Electronic Multi-meter (x01)
- Bore Gauge up to 200 mm (x01)
- DFT Meter for Paint Thickness
(Microprocessor based) (x01)
- Sound Measuring Meter (Audi meter) (x01)
- Vibration Measuring Instrument
(Vibrometer) (x01)

PLATE ROLLING (x03)

- CAPACITY = 28 MM, WIDTH = 2400 MM
- CAPACITY = 12 MM, TOTAL WIDTH = 1250 MM

WELDING MACHINES

- SPOT WELDING (x01)
- ARC WELDING (x10)
- TIG (x04)

PRESSES (x01)

- STROKE = 100 MM, BASE = 250 X 250 MM
- BED GAP = 840 MM, STROKE = 250 MM, CAPACITY
= 20 TON

SHAPPING (x01)

- STROKE = 370 MM, BED GAP = 900 MM

SLOTING (x02)

- STROKE = 400MM, TABLE DIA = 1500 MM,
EXTENDED TO 10 FT. DIA. GEARS

BAND SAW (x01) & HACK SAW (x01)

- CAPACITY = 254 MM

TEST FACILITIES

- Test Area for Agitator Trial runs up to 6M Ht.
- All Testing arrangements necessary for Dry Testing of Process Equipments like Drum Filters, Disc Filters, Lime Slakers, Drum Slakers etc.
- Test Circuit arrangement for Wet trials of Pumps.
- Level Surface Tables.
- Vacuum Test Rig.
- Hydraulic Hand Pumps up to 10000 PSI
- Pneumatic Test Rig with Compressor up to 10 Kg/cm²
- Test Rigs for Standard sizes of Drive Heads, Turn Tables & Centre Mechanisms.
- Go & No-Go Gauges for Standard Bearing Sizes.
- Knife Edge Rollers Arrangement for Static Balancing of Shafts & Impellers.

***All Instruments are Timely Calibrated from NABL Accredited Laboratories.**

IN HOUSE PRE-TESTING FOR PROCESS EQUIPMENTS AVAILABLE FOR

- Filtration test leaf test for vacuum filters, belt filters, HBF, pan filters.
- Pilot scale RVDF in SS316 available for site test work.
- Pilot scale cyclone separator for solid-liquid separation site test work.
- Sedimentation / settling test apparatus available for odd slurry tests.
- Abrasion/erosion/application based MOC test work carried out on request.
- Agitator test base for upto 3 Mtr dia. X 5 Mtr ht. 5 systems at a time.
- Hydraulic pressure test upto 50 kg/cm² & water fill test upto 20kl.
- Pneumatic pressure test upto 15 kg/cm²

ASSOCIATED MATERIAL TESTING LABORATORIES:

(For All types of Chemical, Physical, Radiographic, Destructive & Non-Destructive Testing)

1. Metallurgical Services.

NABL Accredited Testing Laboratory
Ghakopar, Mumbai - 86.

2. Sohm Analytical Laboratories.

NABL Accredited Testing Laboratory.
Thane.

NOTE:

- Our Welders are qualified as per ASME Sec. IX and are regularly subjected to witness Testing and Certification from reputed Third Party Agencies.
- A tabulated record of all such WPS, PQR & WPQ are maintained at our end.
- Presently we have qualified Welders for IS2062 Gr. A/B, SA 36, SA 516/517 Gr. 60/70, SS202, SS304/L, SS316/L, SS409, SS410, SS430 & SS310/L. We do not undertake Work with Exotic Metals.

INSPECTION AGENCIES

- Engineers India Ltd.
- Humphreys & Glasgow Consultants Pvt. Ltd.
- DCIPL
- N. M. Dastur
- Export Inspection Agencies
- Tata Consulting Engineers
- Ameya Engineers
- Dalal Consultants
- BUX Consultants
- MECON
- Bureau Veritas
- Chempro Inspection Agencies
- K.P.G.
- Chemtex Consulting of India
- Petrofac Inc., Dubai
- Velosi India
- P.I.E.S.
- Tata Projects Ltd.
- Larsen & Tubro Ltd.

SOME OF OUR PRESTIGIOUS INSTALLATIONS (Recent 2014-2016)

Urban Development Department Kolkata: (STP)

- 48 Mtr Dia. *Central Driven Pier Mounted* Secondary Clarifier
- 9 Mtr Dia. X 3 Mtr SWD. Detritor with *Screw Classifier 9 Mtr* Long
- 50 Mtr Dia. *Hybrid* Trickling Filter without Turntable & Mercury/Under water serviceable parts.

Vasai Virar Mahanagar Palika: (WTP)

- 58.6 Mtr Dia *Peripheral Traction Driven* Clariflocculators - 2 Sets

Welspun Anjar Project: (STP)

- 42 Mtr Dia *Central Driven Pier Mounted* Primary Clarifier with Skimmer in SS-316 - 2 Sets
- 9.4 Mtr Sq Detritor with Screw Classifier in SS-316
- 21.5 Mtr Dia. *Central Driven Pier Mounted* Thickener in SS-316 .

BHEL: (WTP)

- 40 Mtr Dia *Central Driven Pier Mounted* FRP lined High Rate Solid Contact Clarifier.

UP Jal Nigam: (120 MLD STP) :

- 11.3 Mtr Sq Detritors with *12 Mtr Long Rake Classifiers* - 3 Sets
- 21.8 Mtr Dia. *Central Driven Pier Mounted* Thickener - 2 Sets

Tarapur Environmental Protection Society (50 MLD C.E.T.P)

- 30 Mtr Dia. *Central Driven Pier Mounted* Thickener Mechanism

Yash Papers: (ETP) & KARATAKA (STP)

- 40 HP SURFACE AERATOR - 4 Nos & 25 HP SURFACE AERATOR - 4 Sets
- 20 HP SURFACE AERATOR - 12 Sets.