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Delivering Customised Solutions In Engineering Fabrication

*RELIANCE FABRICATIONS
PRIVATE LIMITED
JAMSHEDPUR*



Company Profile

- Family-owned: Father & two sons.
- Started operations in Kolkata in 1962.
- Shifted to Jamshedpur in 1971.
- ISO 9001:2008 certified by Lloyds.
- Specialization in Fabrication of Stainless Steel Equipment & Spares.
- Flexibility in manufacturing processes to meet varied demands of Customers.



Company Profile

Meets fabrication requirements of diverse industries, namely

- ✓ Steel & Power
- ✓ Fertilizer
- ✓ Chemical
- ✓ Petrochemical
- ✓ Refinery / Oil & Gas



Facilities

- Design & Drawing
- Fabrication & Assembly
- Testing
- Materials Handled
- Approvals



Facilities : Design & Drawing

- **PV ELITE**: Software for Design of Pressure Vessels & Heat Exchangers
- **AUTOCAD**: Software for Development of Fabrication Drawings
- **CODES & STANDARDS**: ASME Sec VIII Div I, IX, IIA, IIC, TEMA, IS, etc.

Facilities : Fabrication & Assembly



Bird's Eye View of the Plant

Facilities : Fabrication & Assembly



Workshop Area: 3750 Sq Mtr

Facilities : Fabrication & Assembly



Lifting Height: 8 Mtr

Facilities : Fabrication & Assembly



Unit Load: 30 MT

Facilities : Fabrication & Assembly



Air Plasma Cutting



CNC Plasma Cutting

Facilities : Fabrication & Assembly



Bending



Hydraulic Press

Facilities : Fabrication & Assembly



Special Welding

Facilities : Fabrication & Assembly



CNC Drilling



Tube Expansion



Facilities : Fabrication & Assembly

- Machining Centres
- Welding Positioners / Manipulators
- Rotators
- Pre / Post Weld heat treatment



Facilities : Testing

Non-Destructive Testing

- Radiography
- Ultrasonic
- Dye penetrant
- Magnetic Particle
- PMI
- Hardness
- Thickness

Pressure Testing

- Hydraulic
- Pneumatic
- Helium Leak

Material Testing

- Physical
- Chemical
- Inter-Granular Corrosion
- Impact



Facilities : Materials Handled

- Carbon Steel (ASTM A 516 Gr 60/70, NACE & HIC, etc.)
- Stainless Steel (304, 309, 310, 316, 317, 321, 409, 410, etc.)
- Special Steel (Hastelloy, 904L, etc.)
- Alloy Steel (P11, P22, P91, etc.)
- Incoloy (Alloy 600, 800, etc.)
- Copper, Cupro-Nickel, Brass



Facilities : Approvals

- ISO 9001:2008 certified by Lloyds
- Chief Controller of Explosives (PESO)
- Indian Boiler Regulation (IBR)
- Engineers India Ltd. (EIL)
- Projects & Development India Ltd. (PDIL)
- Tata Projects Ltd.
- UHDE India Ltd.
- Technical Development Committee (TDC)
- Other Major Third Party Inspection Agencies



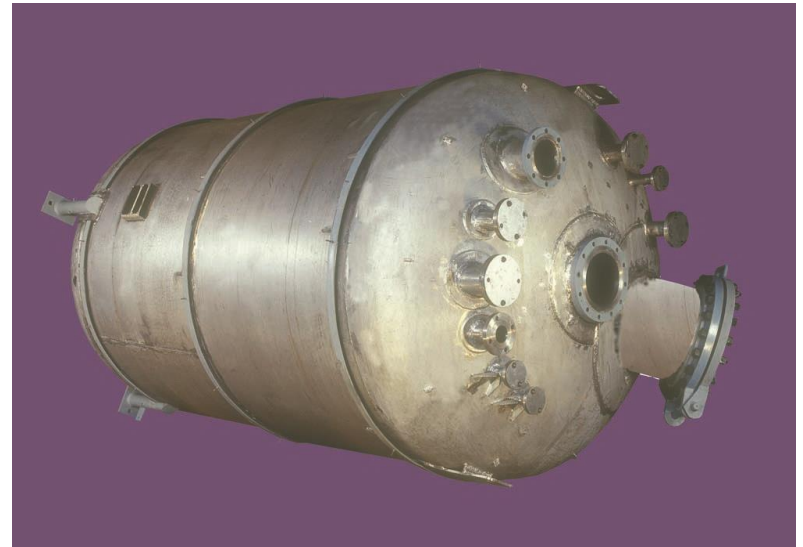
Products

- Process Equipment
- Tanks and Vessels
- Heat Exchangers
- Fabricated Spares

Products : Process Equipment



Vaporizer Crystallizer



Vessel with Agitator



Products : Tanks & Vessels



Air Receiver Tank



Pressure Vessel

Products : Heat Exchangers



Shell & Tube Heat Exchanger



Finned Tube Heat Exchanger

Products : Spares



Bubble Cap Tray Assembly



Goose Neck for Blast Furnace

Products : Spares



Pipe & Duct Assembly



Thankyou

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