

Rhine Engineering, a Jewel in Cryogenic Industries Crown

RHINE ENGINEERING PRIVATE LIMITED is a specialized fabrication facility and a captive resource for the manufacture of products and components for the Cryogenic Industries group of companies. In its own right it is an acknowledged fabricator of Pressure Vessels, Dryers, Rotary Kiln dryers, Portable Chemical Transportation, Process Valve skids, Columns, and Reactors for diverse applications.

Rhine has a 12,500 sq. meter manufacturing facility, set on over 17 acres of land at Por-Ramangamdi an industrial estate about 22 km from Vadodara, Gujarat, India. Vadodara is becoming a large Engineering and Fabrication hub catering to the giant Power sector and the Gas Sectors of Industry to meet the growing demands of national and international markets. Industry leaders like Siemens, ABB, Alstom, Bombardier, AREVA, Linde etc, have large facilities in the area to meet the future growth potential which in turn develops ancillary units and a vendor base to cater to their growing needs.

The Company was formed in 2003 and has four divisions manufacturing group products. The "Cryoquip India" division started manufacturing Cryoquip Vaporizers for the Indian gas industry markets in 2004. A full range of natural draft and forced draft ambient, and steam bath vaporizers are manufactured, and Cryoquip now has a market share of over 70% in the ever growing Industrial Gas market in India.

The "Wittmann India" division started fabrication of carbon dioxide recovery systems for the Brewery and the Distillery domestic markets and generation plants for the export markets in 2005. There is excellent growth in the Brewery and Distillery industry in India, and the Wittmann India division plays a lead role among the organized players in this market.



ACD service center in Rhine



The "ACD India" division identified a need for servicing ACD and competitors cryogenic pumps and turbines in India and established a "Service Centre" in the facility in 2010 supporting domestic Indian customers. This year they have opened up a second "Service Centre" in Kolkata to better serve their customers in the eastern parts of India.

The "Rhine Products" division uses the heavy fabrication machinery assets of the facility, Plate Bending Machines, Hydraulic Press, CNC Press Brake, Welding Machines, Drying Oven and EOT Cranes, and its specialized expertise in manufacturing technology, design, and engineering for the fabrication of pressure vessels, transportation tanks, rotary dryers, kilns, and specialized fabricated items for the hydro and coal power sectors and provides similar engineered products for industries ranging from Chemical, Petrochemical, Food, Oil & Gas, Refinery, Power plant and Steel making.

In addition the machine shop is well equipped with 'State of the Art' machines suitable for large, round machining operations on fabricated components. We also have necessary testing facilities for dye penetration and pneumatic and hydraulic testing.

The facility is a "one stop shop" for our customers, who approach us for fabrication, machining testing and total supply capability requirements.

The Rhine products division has a diverse customer base comprised of recognized companies in a number of markets. Our quality control systems enable fabrication of equipment under all third party inspection agencies including Lloyd's (LRIS), DNV, BVIS etc., and is accredited to manufacture ASME Coded and Stamped Pressure Vessels in accordance with Section VIII, Divisions 1 & 2, and is also approved by the Chief Controller of Explosives.

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