
Vivekanand Moorti

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PROFILE

- Harnessing the power of emerging technologies

A focused **Chemical Engineer** currently completed a Master's Degree in Oil, Gas & Petroleum Technology. Has 3.5 years of experience working on chemical recovery and process engineering operations for large companies. Works cohesively with others to turn designs into reality, and advocates continuous improvement both in terms of operational processes and professional development.

◆ AREAS OF EXPERTISE ◆

- Process Engineering
- Operational Economy
- Troubleshooting
- Simulation & Design
- Reducing Wastage
- Process Optimization
- Analysing Processes
- Continuous Improvement
- Attention to Detail

PROFESSIONAL CAREER EXPERIENCE

PROCESS ENGINEER MAGNUS GLOBAL TECH

Oct 2013 – Aug 2015

Magnus Global provides engineering services to automotive, aerospace, material handling, consumer goods and tooling industries. The design services take a product from conceptualisation to completion, including reverse engineering where required.

- Designed processing equipment for cooling towers, shell and tube heat exchangers, ACHE, evaporators and PSV's
- Prepared equipment and line lists, process data sheets and line sizing and detail engineering specifications for each project, taking responsibility for the accuracy of calculations
- Complied with relevant international engineering standards/codes, e.g. API, NFPA, ASME, ANSI, ASTM, TEMA etc.
- Heavily contributed to the preparations of UFD, PFD, P & ID's, BOM, BOQ and data sheets
- Participated in clients meeting, involving technical discussions and presentations on scope of work, proposing improvements and enhancements and providing technical solutions to project issues
- Determined the scope of all projects and translated those needs to the manufacturing processes
- Acted as a conduit between the engineering and production processes to assist with the smooth running of day-to-day functions
- Ensured plant operations always complied with safety regulations
- Researched and proposed new 'best practice' methods to continuously improve processes

CHEMICAL ENGINEER (CHEMICAL RECOVERY)
WEST COAST PAPER MILLS LTD, KARNATAKA

Feb 2011 – Feb 2013

The West coast Paper Mills established in 1955, is one of the largest producers of paper for printing, writing and packaging in India. It serves the needs of numerous industries thriving on innovation and the quest for sustainability.

- Spearheaded efforts across the recovery the chemicals, used in the cooling of wood and other fibrous raw materials for the preparation of pulp
- Efficiently used the thermal energy from the combustion of the organics to produce high pressure steam
- Maintained continuous improvement of the production process taking due regard to quality and output, safety and environmental factors
- Utilised a number of processes in the chemical recovery stages, including:
Evaporation of weak black liquor | Incineration of concentrated black liquor in the recovery furnace/boiler | Preparation of cooling liquor (white liquor) | Re-causticising process | Lime re-burning

EDUCATION, QUALIFICATIONS & TRAINING

M.Sc. in Oil, Gas & Petroleum Technology University of Hull, UK <i>Core modules: Petroleum and Petrochemical Engineering, Energy Technologies, Advanced Process Safety, Industrial Process Control and Instrumentation, Research Projects</i>	2017
Postgraduate Diploma in Process & Equipment Design Engineering Magnus Global Tech Education, Bangalore, India Diploma in Process Piping Design & Drafting per ASME B 31.3 Magnus Global Tech Education, Bangalore, India	2013
B.E. in Chemical Engineering SDM College of Engineering & Technology, Dharwad, India	2010
XII Sharadha Pre-University, Dharwad, India	2006

ADDITIONAL INFORMATION

Languages: English, Hindi, Kannada

Software Knowledge – HYSYS | Fluent in CFD | AutoCAD | MS Office

Availability – from June, 2017

REFERENCES

References available upon request