

MAHESH KULKARNI

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SUMMARY

Mahesh is Mechanical design professional with more than 15 years of work experience. He worked in design & drafting of bulk material handling conveyer, and pipeline routing & modelling for Oil & Gas industry. He is a collaborative professional with excellent technical communication skills and experience of working internationally.

PROFESSIONAL EXPERIENCE

THYSSENKRUPP IND. SOLUTIONS PVT. LTD. (FORMERLY UHDE INDIA), Pune (May 2012-current)
Area Engineer

A leading MNC which offers complete range of services from the conceptual design to the commissioning of chemical, petrochemical, refinery & fertiliser plants on turnkey basis.

Projects:

- CFI – Petrochemical Plant piping - Area Engineer
- NCI – Caustic Plant structural modelling - Area Engineer
- Kirloskar Pneumatics India Ltd. – Structural Drafting – CAD Engineer
- Deepak Fertiliser – Conveyor Layout – CAD Engineer
- Petrovietnam – Acid line layout – CAD Engineer

Responsibilities:

- Solely responsible for deliverables pertaining to area in line with site conditions
- Reviewed drawings of team members as per specifications and client requirements
- Created project designs and documentation as per standards for countries where project was to be executed
- Coordinated with Lead Engineer
- Types of drawings released – Layouts, piping plans, equipment layouts, nozzle orientations, special support, structural frames etc.

Environment:

AutoCAD 2016, PDMS Modules – Draft, Piping, Equipment, HVAC, and Structural.

CONCEPT ENG. PROJECTS PVT. LTD., Pune, and Ras-Al-Khaimah (U.A.E) (Mar 2007-Jan 2012)
Sr. Draughtsman

Engineering consultancy & EPC contractor in Bulk material Handling conveyor systems.

Projects:

- Aditya Cement - 150TPH Coal Handling Conveyor system – CAD Drafting
- Mahalaxmi Coal Crusher Co. - 100TPH Stone Crushing Plant Layout – Manufacturing drawing
- Total Alliance - Site Engineer for Erection & commissioning of Bag Filter supplied
- Project 4 – Company – Project - Work

Responsibilities:

- Responsible to issue manufacturing drawing, with the help of Jr. Draughtsman
- Worked as Site Engineer at **Ras-Al-Khaimah (U.A.E.)** for Erection & commissioning of Bag Filter supplied for Total Alliance, U.A.E.
- Coordinated with Site managers to understand site conditions and fine-tune requirements
- Understood client documentation and drawings to determine if requirements are in line with Scope of Supply.
- Created drawings in both 2 and 3-dimensional form.
- Supervised assistant drafters and other workers involved in the project design

Environment:

AutoCAD 2010, MS Office Suite

PRAGYATECH (I) PVT. LTD. Pune, Johannesburg(South Africa)

(Jun 2004-Feb 2007)

CAD Engineer

Pragya Tech is service provider of engineering services and solutions for small in house conveyor & mining conveyor industries.

Projects:

- Jamnagar Jetty - Barge Loader Spout – Mining Conveyor design
- Conveyor Knowledge Information Technology (CKIT) - Conveyor, screen-crusher house layout
- Project 3 - Company – Project - Work

Responsibilities:

- Modified and revised designs to correct operating deficiencies or to reduce production problems.
- Prepared bill of materials by extracting excel data from drawings
- Was chosen for a challenging project at **Johannesburg, South Africa** and successfully delivered quality work within timeframe
- Laid out, drawn, and reproduced illustrations for reference manuals and technical publications to describe operation and maintenance of mechanical systems.
- Conducted weight calculations for Steel supplied to site for conveyer industry

Environment:

AutoCAD 2010, MS Excel, MS Outlook

POWERMASTER ENGINEERS PVT. LTD. Mumbai, India

(Jun 2000-April 2004)

Mechanical Draughtsman

PowerMaster is a Leading manufacturer & export firm, exports boiler tube expanders, tube cleaning equipments, Spring balancer, & torque wrenches to more than 150 countries all over the world.

Responsibilities:

- Measuring the Dimensions of components with the help of Vernier
- Making the hand sketch on basis of dimension measured.
- Making draft & detail drawing for internal checking
- Releasing the final drawing for manufacturing.
- Revising drawing as per client's comment.
- Having interaction of shop floor workers, Design Engineer.

Environment:

AutoCAD 2010, MS Excel, MS Outlook

EDUCATION & CERTIFICATIONS

Pursuing Bachelor of Mechanical Engineering, BE(Mech)

Diploma In Mechanical Engineering

Certification course in Piping