

CURRICULUM VITAE

SHAHID ALI K. MULLA

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OBJECTIVE

To be part of a growing and reputed organization which provides ample opportunities for me to utilize my knowledge and skills, thereby contributing to the success of the organization and leading to my professional/ personal growth.

PROFESSIONAL SUMMARY

- Piping Engineer with more than 8 years of experience planning developing and implementing Ships, Submarine, Buildings, & Industrial piping systems. Action-oriented with strong ability to communicate effectively with executive public and business audiences.
- Excellent hands on in Pro-E (Creo 1.0/2.0), Wind-chill (9.1)
- Auto CAD Release 2000 & all post releases up to Auto CAD 2014
- Readily learn new technologies and adapt skills in a dynamic work
- Good functional understanding of engineering drawing
- Well versed with different piping designing applications including Pro-E, Pro- Piping Cabling, Windchill, Auto CAD, AFT Pipe Flow Software (Arrow, Fathom) etc.

WORK EXPERIENCE

[8+ years]

Kirloskar Brothers Limited (www.kirloskarpumps.com)

[Nov 2010 To Till Date]

Designation: Design Engineer

Department: Corporate Research & Engineering Division (CRED)

- Design & development of various pump components, valve, piping design for Water Mist system in nuclear submarines' firefighting system
- Parametric modeling & drafting of system components in Pro-E Wildfire Creo 1.0/2.0
- Creation of 3D assembly models using Pro-E, Creo 02.
- Conversant in creating dimensional drawings, main assembly drawing, part drawing and complete Bill of Material using Pro-E (Wind-chill PDMLink 9.1)
- Prepared plot plans, equipment layout, piping plan, section and detailed drawings
- Designed modifications to existing process piping systems
- Calculated piping structure specifications and provided 3D illustrations accordingly
- Developed isometric drawings, general arrangement drawings and support detail drawings
- Re-designed the existing layouts and structures to enhance productivity
- Preparing & maintaining various formats, checklists to improve project quality, delivery & utilization
- In-process & final QC of Pro/E models, assembly in accordance with input details.

- AFT: (Applied Flow Technology) drawn schematic drawings of all water mist circuit and calculate piping calculation accordance with input details for air and water
- Using AutoCAD: Detailed system engineering of process piping which includes:
 - Preparation of piping and instrumentation diagram (P&ID) and process flow diagram
 - Preparation of piping supports
 - Preparation of bill of materials for pipe and pipe fittings
 - Preparation of as build drawings and isometric drawings
- Other research projects apart from the usual scope of the company.
 - Created and maintained technical specifications, engineering work instructions, as well as "Best Practices" documents for modeling, drafting, and design.
 - Designed pipe layouts for projects in the oil & gas industry by using International Codes & Standards.
 - Site inspection of Ships, Submarine tanks, Buildings, & Industrial plants in storage terminals pertaining to its fire safety involving fire water lines / foam lines, fire water pumps and sprinklers.
 - Interpreted CAD diagrams for needed engineering information.
 - Conducted equipment stress tests according to project design drafts.
 - Responsible for stress sketches Bill of Materials extraction of piping drawings and compliance with industry/client/company standards.
 - Responsible for field surveys inspections measurements and as-built design modifications.
 - Partnered with engineering departments to produce retrofit mechanical electrical and industrial components.
 - Oversaw project designs to ensure products were delivered according to cost schedule and quality.
 - Provide engineering perspective in meetings regarding overall project interactions and issues.
 - Research new technologies and assess feasibility for inclusion in new concepts.

PROJECT ACTIVITY

Project activity coordinated with

- DND (Indian Navy)
- CFEES (DRDO)
- ONGC
- MAZGAUN Dock Yard (Shipping)
- BUILDINGS & CONSTRUCTION.

SOFTWARE PROFICIENCY

- Auto CAD
- Pro-E – Wild fire 5.0 & Creo 1.0 & Creo Parametric 2.0
- AFT [Applied Flow Technology]
- CATIA V5
- Microsoft Office

STRENGTHS

- Self confidence
- Well Regarded for inter personal, written and oral communication skill
- Ability to acquire and apply knowledge rapidly

ACADEMIC DETAILS

Qualification: Post Diploma in Tool Design

Institute / University: Nettur Technical Training Foundation, Dharwad

Year of Study: 2008-2009

Percentage of marks/class: 64

Qualification: Diploma In Mechanical Engineering

Institute / University: Raibag Polytechnic, Raibag

Year of Study: 2004-2007

Percentage of marks/class: 65

Qualification: H.S.C. Science [Class-12]

Institute / University: New Comp. PU College, Raibag

Percentage of marks/class: 48

SPECIALIZATION

- Press tool technology, theory & design
- Mould technology, theory & design
- Jigs & fixtures, theory & design
- Metallurgy & Heat treatment
- Metrology

PROJECT WORK OF POST DIPLOMA

Title : “Progressive Tool for Contact Spring”

Team Size : Individual

PROJECT WORK OF DIPLOMA

Title : Head Light Tilting System With Respect To Steering Wheel

Team Size : 4

PERSONAL DETAILS

Date of Birth : 20th March 1985
Gender : Male
Marital Status : Married
Nationality : Indian
Father's Name : Khwajaso Mulla
Mother tongue : Hindi
Languages Known : English, Hindi, Marathi, & Kannada,
Permanent Address : Shahid Ali K. Mulla
Station Road,
A/P: Kudchi
Tal: Raibag
Dist: Belgaum (KARNATAKA) – 591311

Place :
Date :

Yours faithfully,
SHAHID ALI