

SIJO SIBY

Chartered Mechanical Engineer (India)

CRPEP Licensed Mechanical Engineer (Bahrain)



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I am an experienced Mechanical engineer with 6+ years of experience in multi-dimensional field and broad knowledge in design, manufacturing and installation, Vivid practical knowledge in the current technical solutions.

Experience

Abraaj Security Systems

Senior Mechanical Engineer

February 2020 – Still Working

Salmabad, Bahrain

- Prepare and interpret of Fire Fighting system as per the building conditions or MEP consultant.
- Do necessary steps for getting the Civil Defence Approval.
- Planning and co-ordinate client and supervisor in project.
- Evaluate and prepare the BOQ as per the client drawings.
- Design of the Different Schematic diagrams of ELV system.
- Monitor and Schedule Project Planning especially in high rise building.
- Prepare cost and material estimates, project schedules and reports
- Conduct tests and analyses of machines, components and materials to determine their performance, strength, response to incident and other characteristics
- Prepare contract and tender documents.

Projects Completed

- ❖ 4 Storey Business complex building, A'Ali-Fire Alarm System
- ❖ AJ zainal Property Development , Manama – Fire System



Eden Rubbers

MOULD DESIGN ENGINEER

September 2018 – December 2019

Kerala, India

- Design the mould, tools, dies, jigs and fixtures for use in manufacturing processes
- Inspect mechanical installations before the batch production.
- Prepare production records and loss material data.
- Supervise, monitor and inspect the production of goods as per the time schedule.
- Scrutinize the shutdown issues in the heavy workload timing.
- Transform the client requirement to technical drawings.
- Prepare standards and schedules and supervise mechanical maintenance programs or operations of mechanical plants.

Projects Completed

- ❖ Design of Gym Padding pattern for David Lloyd Leisure, Gym UK
- ❖ Factory Renovation and production capacity expansion to 8.5Ton per day

Eden Rubbers
Step into Comfort

HMT MACHINE TOOL LIMITED

(A Govt. of India Undertaking Company)

PROJECT ASSOCIATIVE ENGINEER

September, 2016 – August, 2018



- Lead a team for the development of the New Product.
- Develop the Customized CNC Machine as per the client requirement.
- Preparation of technical presentation, Preliminary Design presentation to Client.
- Develop the machine working mechanism and energy transfer system.
- Release technical drawings to production planning department for manufacturing.
- Design the casting design of specialized critical part.
- Select the material for each component based on working atmosphere.
- Draw technical drawings in use of GD & T for production process.
- Hands-on experience in mechanical designing, and softwares like AutoCAD and Solid Works.
- Project Documentation with conformance to MIL standards.
- Associated in assembly, trials and Factory Acceptance Test of Directing Gear system.
- Associated in design assembly solutions, cutting layout to minimize material wastage, material standardization, vendor identification and material procurement.
- Evaluation manufactured products compare with design parameters

Projects Completed

- ❖ Design and Installation of Missile Tracking Device for Indian Navy Ship-Brahmaputhra
- ❖ Design of Tod Array Winch for Defense Research Development Organization, India
- ❖ Team lead of the development of P15Bravo attack ship weapon control system, Cochin Shipyard.
- ❖ Part of the team of the development of CNC stallion 200

AMPERSAND SYSTEM PVT LTD

MECHANICAL ENGINEER

April 2014 - August 2016



- Evaluate different process piping design and work schedule of each day.
- Coordinates activities involved in fabrication, operation, application, installation and repair of mechanical or electromechanical products systems in the piping system.
- Inspect the valve and pipe support installation before the welding.
- Evaluate field installations recommend design modifications to eliminate machine or system malfunctions.
- Produce mechanical drawings or other related documents or graphics for electromechanical design, using computer-aided design CAD software.
- Consult with machinists or technicians to make sure that electromechanical equipment or systems meet design specifications.
- Planning the project manpower and material using the Primavera software.

Projects Completed

- ❖ C&I maintenance of power plant at NTPC KAYAMKULAM
- ❖ Calibration, Erection & Commissioning Works at OMPL Mangalore for LARSEN & TOUBRO LTD



Skills

- Auto Cad - 2D
- Solid Works
- Oracle Primavera
- Revit MEP
- PLC (Keiyance, GE-Fanuc and Lucky Gold Star)
- SCADA (Intouch & Fix)



Awards & Recognitions

- ✚ Licensed Mechanical Engineer, Bahrain
- ✚ Mechanical Engineer, Canada
- ✚ Associative Member of the Institution of Engineer, India
- ✚ Assessor, National Skill Development Corporation

مجلس تنظيم مهنة المهندسين
The Council for Regulating the
Practice of Engineering Professions



ACADEMIC QUALIFICATION

Qualification	Year	Institution/Board	Marks
B.tech in Mechanical Engineering	2014	The Institution of Engineers (India)	CGPA 7.23
HSC-Higher Secondary Course	2008	Board of Higher. Sec. Exam. Kerala	70%
SSLC-Secondary School	2006	Board of Secondary Examination, Kerala	80%

Thanks for reading My CV,

Er. Sijo Siby (C. Engg)