

SADIQUE HASSAN. T.A

MECHANICAL ENGINEER

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Visa Status: Work Visa Transferable

FIRE FIGHTING, FIRE ALARM & MAINTENANCE EXPERT

*Experienced in MEP site works & HVAC designing
Good communication, interpersonal, and management skills*

- Have experience of more than 6 years in Mechanical field including Fire protection, Fire alarm, HVAC, Maintenance etc.
- Proficient in Project management.
- Effective communicator with excellent relationship building & interpersonal skills.

CORE COMPETENCIES

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|----------------------------|--|
| ➤ Fire Fighting | ➤ Cost & Purchase Management |
| ➤ Fire Alarm | ➤ Material Flow tracking |
| ➤ Quotation Preparation | ➤ Meetings with Clients |
| ➤ Project management | ➤ Sheduling & Conducting inspections |
| ➤ Project Scheduling | ➤ Critical Thinking |
| ➤ Project Analysis | ➤ TAX / GST Return filing |
| ➤ Labour Co-ordination | ➤ Engineering Design |
| ➤ Daily site co-ordination | ➤ Auto CAD 2014 |
| ➤ Inventory analysis | ➤ MS Office Suite (Word, Excel, Power Point) |

WORK EXPERIENCE

FORGE ENGINEERING FIRE & LIFE SAFETY (FIRE PROTECTION & FIRE ALARM SYSTEM CONTRACTING COMPANY) – KOZHIKODE, KERALA, INDIA

PROJECT & MAINTENANCE HEAD - Sep-2018 to Oct-2022



FORGE
ENGINEERING
FIRE & LIFE SAFETY

Duties and responsibilities:

- Prepared Quotations, Conducted Bidding, Negotiation, Meetings with Client, Consultant, contractor and authorities, etc.
- Prepared Fire Drawing using AutoCAD (as per National Building Code of India -NBC2016)
- Conducted required arrangements for Purchasing & Supply of Required Materials, Manpower at respective sites after preparing BOQ.
- Supervised the daily technical works at the site as per the drawings at various sites.
- Manually Checked the Fire System after completing of all the mechanical & electrical works.
- Prepared all documents (Drawings, Checklists, Affidavits etc.) for submitting at respective Fire Department Offices for **Approval Certificate (NOC)** for the Building.
- Conducted Inspection from Respective Fire Departments.
- Prepared all documents (Drawings, Checklists, Affidavits etc.) for submitting at respecting Fire Department Offices for **Initial / Site NOC** (before building construction) as per the requirement.
- Conducted & guided periodic inspection in AMC projects. (Testing & finding the faults and guided the laboures for proper Maintenance of the whole System).
- Attended the discussions about Labour recruitments, their wages, payoffs, duty leaves, etc.
- Prepared Monthly / Yearly Income-Expense Sheets, Project reports, Marketing reports
- Filed state/central TAX, GST returns, etc.

Major Projects:

- More than 60 Projects of Installation & Maintenance of Fire protection & Fire Alarm systems for Commercial buildings, High rise Buildings, Malls, Convention Centres / Auditoriums, Industrial Buildings, Educational Buildings, Residential buildings, Storage buildings etc. in Kerala & Manglore.

COSMOS SPORTS WORLD LLP – KOZHIKODE, KERALA, INDIA**SERVICE ENGINEER - May-2018 to Aug-2018****Duties and responsibilities:**

- In-charged the service & Maintenance of Fitness equipments & Bicycles of 5 showrooms across Kerala.
- Dealed with Vendors for Warranty issues, spare requests, damages of machines & bicycles.
- Material & manpower management at Showrooms.
- Executed & guided the works of AMC's of Fitness Equipments.
- Inspected all Showroom for service related works on Monthly basis.
- Ensured safety and quality as per company standards.
- Conducted Meetings with customers, if there is any serious issues.

AL-HUDA ENGINEERING WORKS – DOHA, QATAR**MECHANICAL ENGINEER - Apr-2017 to Sep-2017****Duties and responsibilities:**

- Conducted regular and daily inspections for every activity.
- Prepared documents and conducted pre-inspections prior to raise inspection request for consultant's inspection.
- Accompanied the consultants during inspection.
- Supervised and directed the technical works at the site as per the drawings.
- Conducted meeting with Clients, Consultants, contractors and with authority officials.
- Material and man power management at site.
- Maked sure the drawings and materials used are approved.
- Prepared quotations ,invoices ,daily and weekly reports for the concerned project.
- Ensured safety and quality as per company standards.
- Inspected the work Site for the following Mechanical works:
 - Installation & Maintenance of Fire Dampers.
 - Installation of Fire-fighting pumproom, laying of HDPE pipes (underground) & GI pipes and testing of the whole system.
 - Modfication of HVAC ducts & air terminals according to the site conditions.
 - Replacing the existing duct with fire-rated duct in some areas.
 - Other works like Extract fan installation, LPG system installation etc..

Major Projects:

- Maintenance & Modification Works (Mechanical) of Schools under Qatar Govt.

ENGINEERING SERVICIES AND TECHNICAL ASSISTANCE CONSULTANCY – KOZHIKODE, KERALA, INDIA**JR. HVAC ENGINEER - Jun-2016 to Dec-2016****Duties and responsibilities:**

- Prepared Heat load analysis (Carrier HAP), Duct sizing & routing, Machine selection, Chiller selection, Chilled water pipe sizing & routing, Condenser pipe sizing & routing, Cooling Tower Design and selection.
- Prepared VRF/VRV system design, Energy estimation of HVAC systems, Refrigeration load estimation.
- Designed Kitchen Ventilation system, Car Parking Ventilation system, Toilet Ventilation system, Stairwell Pressurization, Smoke Control System.
- Prepared Drawings for A/C equipments and accessories installation.

STEEL AND INDUSTRIAL FORGING LTD (SIFL) – THRISSUR, KERALA, INDIA
MECHANICAL ENGINEER (MAINTENANCE) - May-2015 to May-2016



SIFL is a Govt. firm with INR 3 Bn turnover, 500 employees and caters to Defense, Railway, Brahmos, L&T, BHEL, ISRO& HAL etc.

Duties and responsibilities:

- Prepared Work orders, Daily production reports, Monthly production and dispatch plans, Indent for Raw materials, Weekly plans etc.
- Managed maintenance of Mechanical equipment - 10T & 6T Hammers, Charging Machine, Shot Blasting Machine, Compressors, Motors, Cranes, Lightings, Furnaces, Band saw machine, Lathe etc.
- Supervised the functions of troubleshooting, problem solving and management of various Mechanical equipment.
- Carried out preventive and predictive maintenance & increased machine availability. Coordinated with Managers.

EDUCATION QUALIFICATIONS

- **Bachelor of Technology in Mechanical Engineering** from **Calicut University** – Jun 2010 – May 2014 with an aggregate of **7.59 CGPA**.
- **Plus two (Science)** under the board of Kerala Higher Secondary Examination – June 2008- Mar 2010 with an aggregate of **89.9%** marks.
- **SSLC** under **CBSE** – Mar 2008 with an aggregate of **80.2%** marks

CERTIFICATIONS

- Certificate course in Welding Inspection
- ASNT NDT level II Certificate in UT, RT, PT, MT
- Piping engineering course

INDUSTRIAL VISITS & ACADEMIC PROJECTS

- Industrial Visits: Anu Solar Power, Protekz Tool and Die makers, SPEC Rely on us.
- Main Project: Feasibility of Combined Cycle Power Generation. {Estimation of total power production in a Power plant (Brahmapuram Diesel Power Plant, Kochi, Kerala) using combined cycle and helped in design}.

PERSONAL DETAILS

- **Date of Birth:** 1st April 1992
- **Languages Known:** English, Hindi and Malayalam
- **Nationality:** Indian
- **Marital Status:** Married
- **Driving License:** Indian

REFERENCE

- Provided at once on demand with supporting documents.