

# MOHAMMED MUJAHED

## Mechanical Engineer

📍 Abu Dhabi, UAE.

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### Career Objective:

Mechanical Engineering education and 4-year track record of project executions. Possessing a proven track record of preparing and executing project plans and forecasting, ensuring work is carried out in accordance with the company's procedures and client satisfaction.

### Work Experience: Facilities Management, Water Proofing & Fire Protection

#### RISE & SHINE INSULATION AND FIRE PROTECTION LLC

Abu Dhabi, UAE.

Job Title : Site Engineer (Water Proofing, Fire protection).

Worked in Segments: Fire stop, GRP Lining, Combo Roofing & Steel Fire Proofing.

Duration : 5 years

### Responsibilities of Fire Protection Engineer:

- Insulation of MEP services using fire sealant chemicals to prevent fire from Spreading.
- Execution, Detailing of fire insulation Projects with an in depth awareness of latest Engineering judgments & building codes for fire protection.
- Works in Multi-storied/ High Rise residential, Commercial and Industrial Buildings.
- Responsible for conducting site based inspections of in built passive fire protection such as head of joints, MEP works, Fire dampers and duct works.
- Have knowledge of NFPA Codes and Engineering judgments
- Preparing KPI and submitting to management every month.
- Preparing Material costing, manpower and monthly production report and invoice.
- Attending civil defense inspection and third party inspection.
- Preparing reports and Raising Inspection on completion of work as per ITP.
- Reviewing the fire and life strategy layout/shop drawings of fire rated areas
- Coordinating with civil and MEP contractors for work clearance.
- Work accordingly as per technical/Shop drawing approvals.
- Executing of work as per Engineering judgements and system provided by Hilti, 3M, Nullifier.
- Constantly Attending meetings with consultants, contractors for solving any technical issues.

## Water Proofing Experience:

- As a Site Engineer, Responsibility includes the overall Planning, Scheduling & Execution of Works as per the Site Requirements.
- Ensuring the required surface preparation is achieved at the site prior to start of the GRP Lining works.
- Doing site survey to calculate quantity materials, tools & equipment's required to carry out the job.
- Raising Material Inspection Request (MIR) for delivered materials at site,
- Arranging safety inductions for the supervisors, foremen & labors working at the site.
- Ensuring safety measures are being taken with proper PPE's of personnel's, Ventilation, Scaffoldings, Pulleys etc. while executing the works
- Raising & Attending Work Inspection for works completed at site.
- Preparing & Submitting Payment Requisition for the works completed & submitting Invoices upon receiving PR Approvals.
- Follow-up to get Payment Certificates & Progressive works payments,
- Preparing Material costing, manpower and monthly production reports.
- Co-coordinating with Engineers, foremen & Labors to execute works as per Approved Material Submittal, Method of Statement & Shop Drawings.
- Ensuring required thickness of GRP Lining is achieved all throughout the works.
- Coordinating with Civil and MEP contractors for work clearance.
- Attending Inspections & various tests (Thickness test, Pull-out test, Water leakage test etc.) being carried out after completion of works

## Facilities Management Experience:

- Operate water cooled chiller of 500 TR.
- Do inspection with all types of HVAC systems and associated equipment, electrical, plumbing systems, kitchen appliances, air conditioning system, water heater or boiler, pump room , irrigation system Landscaping, civil (including painting, carpentry).
- Monitor and supervise preventive maintenance repair work on facility mechanical, electrical and other installed system.
- Plant room operation and maintenance.
- Maintenance of Primary, Secondary pumps.

## Projects Executed

**Project Name** : **Reem Mall**  
Contractor : Itinera & Ghantoot joint venture  
Worked in segments : Fire stopping, grp lining, and Construction joints.

**Project Name** : **Emirates global aluminum**  
Contractor : Bechtel petrofac joint venture  
Worked In Segments : Fire stopping, cable coating, grp lining.

**Project Name** : Rixos hotel  
**Contractor** : Mega Projects  
**Worked in Segments** : Fire Stopping, GRP lining, and Construction Joints.

**Project Name** : Al Gharbia Pipe Company  
**Contractor** : L&T construction  
**Worked in Segments** : GRP lining

### Software's known:

- Auto Cad
- HAP
- Duct and pipe designing and sizing
- Ansys, Catia
- MS office

### Skills:

- Active listening
- Leadership
- Time Management
- Problem solving

### Qualifications:

| Institution                     | Degree/Certificate            | Date of Passing | Average Percentage | Class       |
|---------------------------------|-------------------------------|-----------------|--------------------|-------------|
| Green Fort Engineering College. | B.E in Mechanical Engineering | July 2015       | 63.86%             | First Class |
| St Mary's High School           | 10+2                          | May 2011        | 61.08%             | First Class |

### Personal Details:

- **Date of Birth** : 14/10/1991
- **Nationality** : Indian
- **Visa Status** : Visit Visa (Valid till February 2021)
- **Passport No** : L5561463
- **Marital Status** : Single
- **Languages** : English, Arabic, Hindi, & German

**I Hereby declare that the above given information is correct as per my best knowledge.**