

# MOHAMED THAMEEM ARAFATH

**Mechanical Engineer with 6+ Years of Experience in Electromechanical Projects**

**Bachelor of Engineering in Mechanical**

Mobile: +971 522045747

Location: Sharjah, United Arab Emirates– Ready to relocate

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Covid19 Vaccination: Fully Vaccinated



## PROFILE SUMMARY

Result-oriented Mechanical Professional with more than 6 years of experience in:

- \* Fire Protection System
- \* Fire Alarm System
- \* Voice Evacuation System
- \* Clean Agent Suppression System
- \* Emergency Lighting System
- \* PAVA System
- \* HVAC System
- \* Plumbing System
- \* WTP/STP Water Treatment

Proficient in swift co-ordination and thorough communication in deliverables and Inspection task with competent cross functional skills within planned schedule.

## TECHNICAL PURVIEW

Design:

- Review to select hazard classifications based on the building types, function, uses & storages.
- Decided area of coverage, water demand, area of spacing, distributes required materials based on the NFPA codes.
- Proceed the piping as per pipe schedule. Confirm the pressure & water flow requirements using hydraulic calculations.

Estimation:

- Able to prepare and review of Quotation/Shop drawing/Sales order material quantity as per the codes and standards.
- Evaluating tender documents, quotation, BOQ, specifications, drawings, & schedules as per the NFPA codes.
- Well knowledge to preparation of Pump capacity, Hydraulic calculation, FM200, NOVEC, Foam, Co2 systems.
- Preparation of BOQ quantity based on the Quotation and Shop drawing.

Projects:

- Responsible to review approved Shop drawing, Proposed material submittals, Work method statements as per the code.
- Responsible to arrange daily work schedule manpower, materials, tools as per the site requirements.
- Review of weekly & monthly work progress reports, Preparation of monthly work completion breakdown reports.
- Conducting material inspection (MIR) and identification, to review contractor & consultant based on approved material submittals, conducting installation inspection (IR) and identification as per the site condition.
- Coordinate with other MEP service's based on approved coordination drawing. Witness of Hydrostatic test as per codes.
- Responsible to arrange As-built drawings based on the site execution.
- Conducting final Testing commissioning and interfacing reports, conducting final Civil defense inspection with approval.
- Responsible to prepare final Handing over documents, O&M manual, warranty certificate, T&C certificates, third party consultant certificate & CDC final approved certificate.
- Very well knowledge to perform installation, design, estimation, T&C, O&M methods as per the codes and standards.
- An effective communicator with exceptional analytical and problem solving skills.
- Excellent presentation and communication skills. Maintain good Client Relationships at all times.

## WORK EXPERIENCE

Employer	Designation	Duration	Company Profile
Naffco Electro Mech.LLC Dubai, U.A.E	Project Site Engineer	Jun 2018 – Jul 2021	Fire Safety and Security System

Project Details:

- Al Thowima Residence Tower 2B+G+12+R (Dubai) from MERAAS through Al Shafer National Contracting LLC.
- Ajman Cornice Residence 7 Towers (Ajman) from Ajman Cornice Residence through Gulf Asia Contracting LLC.
- Al Warsan Fruits & Veg. Market B+G+1 (Dubai) from Dubai Municipality through Al Turath Engineering Consultants.
- Residence towers 002/004 G+P+4+R (Dubai) from Genco National Contracting LLC. through Technical Engineering Service.
- Residence tower G+7P+22+R (Ajman) from Technical Engineering Service.
- Residence towers 059/060 G+2P+10+R (Dubai) from Genco National Contracting LLC.
- Residence towers G+5P+15+R (Sharjah) from Ali Nasier Ali Al Fardan Group through Al Serh Al Kabeer Construction LLC.
- School G+1+R (Sharjah) from Emirates National School (ENS) through GreenLine ElectroMechanical LLC.

Job Responsibilities :

- Installation of Sprinkler & Wet risers, Fire hydrants, Foam system, Water spray system, Pre-action deluge (Single & Double interlock), Fire pumps like (HSC, Vertical Turbine, End suction) upto 1500gpm.
- Clean agent fire suppression system (FM200, NOVEC), Inert gas, Wet chemical system, Co2 fire suppression system.
- Fire alarm (Addressable, Conventional, Intelligent & Wireless), Fire detection, Voice Evacuation & PAVA system.
- Emergency Lighting & Central battery system, HVAC (DX & Air conditioning system), Plumbing system.
- Review (IFC,SD,BOQ,PPS,SOM,MOS,RFI,NCR), Material Inspection, Material identification, Installation inspection, T&C reports, Witness of Hydrostatic Test, Final Inspection.

Employer	Designation	Duration	Company Profile
<b>Naffco Electro Mech.LLC Riyadh, K.S.A</b>	<b>Design Estimation Engineer</b>	<b>Feb 2017 – Mar 2018</b>	<b>Fire Safety and Security System</b>

Job Responsibilities :

- Evaluating tender documents, quotation, BOQ, specifications, drawings, & schedules and its design standards, Scrutiny of tender documents, Delegating Draftsmen for quantity take offs, cross checking quantities.
- Enquiries to Suppliers / Manufacturers. Comparison Studies based on suppliers Quotations.
- Negotiations with suppliers on both technical and commercial aspects of product.
- Based on Clients budget constraints for any specific project, carrying out Value engineering studies.
- Maintaining ISO documentation, Record Keeping, Suppliers/Manufacturers Data Bank records.

Employer	Designation	Duration	Company Profile
<b>Naffco Electro Mech.LLC Riyadh, K.S.A</b>	<b>Junior Site Engineer</b>	<b>Feb 2016 – Feb 2017</b>	<b>Fire Safety and Security System</b>

Client : General Authority of Civil Aviation (GACA)  
Contractor : King Khalid International Airport Terminal-5, Riyadh, KSA

Job Responsibilities :

- Installation of Sprinkler & Wet risers, Fire hydrants, Foam system, Water spray system, Pre-action deluge (Single & Double interlock), Fire pumps like (HSC, Vertical Turbine, End suction) upto 1500gpm.
- Clean agent fire suppression system (FM200, NOVEC), Inert gas, Wet chemical system, Co2 fire suppression system.
- Review (IFC,SD,BOQ,PPS,SOM,MOS,RFI,NCR), Material Inspection, Material identification, Installation inspection, T&C reports, Witness of Hydrostatic Test, Final Inspection

Employer	Designation	Duration	Company Profile
<b>GRG Enviro Sound Solution Pvt LTD,. India</b>	<b>Operation &amp; Maintenance Engineer</b>	<b>May 2014 – Jan 2015</b>	<b>Water Treatment</b>

Client : Cognizant Technology Solutions, Karappakkam, Chennai  
(1500 m3/d Extended Aeration)

Client : Esab India Ltd, Ambattur, Chennai (400 LPH, RO SYSTEM)

Job Responsibilities :

- Routine maintenance of WTP,STP & RO technology, submersible pump, water quality analysis of TDS & TSS checking,
- MBR, SBR, Ultra filtration (UF) & Pressure sand filtration (PSF) maintenance. Reviewing daily maintenance reports.

## IT SKILLS

Well versed in Windows 10, MS Office and Internet Applications

## PERSONAL DETAILS

Gender : Male  
Nationality : Indian  
Marital Status : Married  
Known Languages : English, Hindi, Arabic, Tamil & Malayalam  
Driving License : Valid UAE (3965519), KSA & Indian License  
Passport : K6715789 valid until 28.08.2022  
Visa Status : Visit Visa valid until 21.02.2022  
Availability : Immediately available