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MD MOHIUDDIN FIROZ
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MECHANICAL QC ENGINEER

CAREER OBJECTIVE

To Excel and diversify my knowledge, Experience and skills from the reputed organization and multi group working environment and handle tasks with responsibility under given time frame and constraints. To achieve my targets and goals for the organization while being resourceful.

PROFESSIONAL SNAPSHOT

Professionally qualified and experienced Mechanical Engineer offering over 8 year's experience in HVAC, Chilled water piping & insulation, Pump installation, Plumbing, Firefighting and underground utilities systems in the field of Execution, Technical submittals review, Inspection and testing in India & Middle east (7 years). Resourceful in conducting cost benefit analysis of projects including the feasibility studies, assessment of requirements, adaptation, quality, installation.

PROFESSIONAL EXPERIENCE

Mechanical QC Engineer

2020 June to Till Date

Company: SAUDI AMANA CONTRACTIN COMPANY

Project: DESIGN AND BUILD OF COASTAL VILLAGE RESIDENTIAL BUILDING AT THE RED SEA PROJECT, UMLUJ

Responsibilities:-

- Responsible for quality control at the project site and report to the Project Manager in the issues related to nonconformance & deficiencies in the quality management process occurs at site.
- Assist the Project Manager in overall quality control of the site, provide advises & suggestion to improve quality control at construction site & assist to achieve the target with respect to quality standard and procedure.
- Preparation of MS & ITP of all new activities at site.
- Preparation of Weekly & Monthly Quality Report.
- Coordination & direct supervision of all activities related to laboratories & field tests required as per specs & standard.
- To verify all material received at site and submit the same for approval.
- Follow and close out of all quality related issued from Client & Consultant such as Site Memo & NCR.
- Conduct quality awareness meetings & inductions for project engineers, site engineers & other construction staffs.
- Inspection of HVAC works (Ducting, chilled water pipes and insulation).

Inspection for the underground utilities (water supply ,fire fighting and chilled water pipes).

- Inspection of plumbing works and testing.
- Inspection of Firefighting works and testing.
- Inspection of the installation of solar heater system.

Mechanical Engineer

2018 Aug to 2020 June

Company: ALAYUNI INVESTMENT & CONTRACTING COMPANY

Project: FMS (MH-60R Aircraft Facilities & Infrastructure)

Buildings under FMS (MH-60R Aircraft Facilities & Infrastructure)

Maintenance Hangar Building, Squadron Operations Building, Corrosion Control Building, Ready Alert Building

Fire Pump House, Ground Support Equipment Facility Building

Underground utilities (Force Main and sewer line, Storm Line, Water and Fire distribution system).

Demolition of Fuel Tank.

Responsibilities:-

- Reviewing shop drawings from sub-contractors till the Final Approval from USACE.
- Reviewing material submittals from sub-contractors prior to final submission to USACE.
- Pre-inspection of sub-contractor's mechanical works in order to raise final inspection request.
- Progress monitoring on daily basis.
- Supervision of demolition of fuel tanks
- Responsible for Installation of Plumbing, compressed air pipe, firefighting and HVAC.
- Supervision of duct installation, insulation and smoke testing.
- Supervision of hydro testing of pipes (compressed air, chilled water, water supply and drainage system).
- Supervision of chilled water piping, insulation .
- Supervision of firefighting works and pump room.

Mechanical Engineer

2017 April to June 2018

Company: ALAYUNI INVESTMENT & CONTRACTING COMPANY

Project: PP-14 Power Plant Al Kharj (SEC / WP)

ASL Treatment Building, Electrical Building & UBB5 Raw Water Electrical Building.

Responsibilities:-

- Prepare daily reports, Maintain records of inspection made, test performed, work executed etc.
- Inspection of steel structure, metal deck and sandwich panel.
- Inspection of steel structure paint (Fire Rated Paint).
- Supervision of HVAC works.
- Supervision of installation of HVAC equipment.
- Supervision of underground plumbing works.
- Checking material delivered to site for conformance with approved samples, Specifications.
- Co-ordination with all subcontractors for different activity of the project.

Mechanical Engineer

2015 July to 2017 March

Company: ALAYUNI INVESTMENT & CONTRACTING COMPANY

Project: ALIA PLAZA (RIYADH HEAD OFFICE)

Project Details: VRF System consisting 286 Fan coil unit around 3000 ton plumbing and Fire Fighting system.

Responsibilities:-

- Review of all drawing and specification.
- Supervision of all HVAC works.
- Verification of work before start & during execution.
- Maintaining quality of project as per the requirement.
- Checking and supervision of all HVAC works according to the approved drawing and quality standard.
- Preparation of weekly and monthly project report.
- Maintaining quality by site inspection.
- Checking the material delivered on the site.
- Installation of duct as according to the given drawing.
- Inspection of duct installation and smoke testing.
- Checking the insulation of duct.
- Installation of Fan Coil Unit.
- Inspection of commissioning and balancing of FAN COIL UNIT.
- Balancing of CFM by using BALLOMETER.
- Installation of plumbing works as according to the IFC drawing.
- Co-ordination with all subcontractors for different activity of the project.

Mechanical Engineer

2013 May to 2015 May

Organization: UNITED ENTERPRISES

Responsibilities:-

- Preparation of weekly, monthly progress report.
- Installation of split, window air conditioning units and concealed units in the office, hospitals and malls.
- Installation of drainage of air conditioning system.
- Experienced in project management and ability to do prioritize job & multiple tasks simultaneously and reviewed of mechanical shop drawings, designs & drawings of contractors, attended meetings with client.
- Preparation of worksheet for material requisition, data sheet & specification for different equipment e.g., facilities pipes, HVAC and plumbing, equipment summary according to suppliers.
- Make the availability of resources on time to attain the project execution targets. Also monitor the progress as it goes in line with the plan.
- Performed office tasks including but not limited to, on-call schedules, progress updates with conducting meetings for progress updates.

EDUCATIONAL PROFILE

B TECH In MECHANICAL ENGINEERING

Institution : NIZAM INSTITUTE OF ENGINEERING AND TECHNOLOGY
University : J.N.T.U HYDERABAD
Percentage : 69
Year of completion : 2013

HSC

Institution : RAM MOHAN ROY SEMINARY, BIHAR
Board : B.S.E.B
Percentage : 71
Year of Completion : 2009

SSC

Institution : P.M.HIGH SCHOOL, BIHAR
Board : C.B.S.E
Percentage : 80.2
Year of Completion : 2006

TECHNICAL SKILLS

- **AUTOCAD**
- **QUALITY CONTROL & ENGINEERING INSEPTION** from ADVANCE TRAINING INSTITUTE GOVERNMENT OF INDIA (VIDYANAGAR HYDERABAD)
- **APPLICATION OF COORDINATE MEASURING MACHINE BY USING CNC** from ADVANCETRAINING INSTITUTE GOVERNMENT OF INDIA (VIDYANAGAR HYDERABAD)

INDUSTRIAL TRAINING

- Completed 15 days training in Diesel Shed East Central Railway
- The process of disassemble of railway diesel engine through different processes as per their requirement.
- The process of testing of components of engine parts.
- The process of checking the leakage in fuel system.
- The testing of lubricating oil system in engine.
- The process of assembly of engine parts.

COMPUTER SKILLS

- AutoCAD
- Ms word, Ms Excels, Ms PowerPoint

PERSONAL PROFILE

Date of Birth : 01/03/1991
Status : Single
Nationality : Indian
State : Alamganj, Machua Toli, Millat Colony
Passport No : L9193983
Place of Issue : Bihar
Language Known : English, Hindi, Arabic & Urdu
EQAMA : 2394817478