

FAZAIL BHAIYAT

Ankleshwar, Gujarat 393001, India
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PROFESSIONAL SUMMARY:

Meticulous Mechanical Engineer with 4 years of experience with Nesma & Partners Contracting Co in Saudi Arabia. Involvement in execution of innovative projects from start to finish. Eager to contribute to team success through hard work and excellent organizational skills. Motivated to learn, grow and excel in Industry.

SKILLS:

- Familiar with MEP system.
- Diesel power plant & Fuel oil system.
- HVAC, Plumbing and Piping expert.
- AutoCAD, Solid Works, MS Office.
- Root-Cause Analysis & Troubleshooting.
- Workflow development.

AREA OF INTEREST:

- Quality Control and Engineering.
- Testing & Commissioning.
- Construction and Industrial facilities Projects.
- Project management.
- Operation management.
- ASME, ASNT, SMACNA, ASHRAE.

STRENGTH:

- Good verbal and written communication skills with English.
- Fast learner and an Excellent Listener.
- Responsive in Nature.
- Ability to work under pressure.
- Analytical thinking.
- Attention to Details.

EDUCATION:

- ❖ **Gujarat Secondary and Higher secondary school Education Board, Gujarat, India | Secondary School certificate.**
 - May/ 2006.
- ❖ **Gujarat Secondary and Higher secondary school Education Board, Gujarat, India | Higher Secondary School certificate**
 - Science stream, May/2008.
- ❖ **Visvesvaraya Technological University - Belgaum, Karnataka, INDIA | Bachelor of Engineering**
 - Mechanical Engineering, Aug/2015.

WORK HISTORY:

- ❖ **MECHANICAL ENGINEER | MAY/2016 to Current.**
Nesma & Partners Contracting Co. - Al KHOBAR, Saudi Arabia.

- **July 2020 – Present:**
Project: Ashaar Electrification at Al-Ula.
Position: Site-Mechanical Engineer.
Client: Royal Commission of AL ULA and AECOM.
- **September 2019 – July 2020:**
Project: New Executive Lounge building and Main Terminal Building at Al- Ula Airport.
Position: Site-Mechanical Engineer.
Client: GACA, Saudi Arabia and AECOM.
- **March 2019 – September 2019:**
Project: NEOM Camp Project in Sharma-Tabuk, Saudi Arabia.
Position: Site-Mechanical Engineer.
Client: NEOM and AECOM.

RESPONSIBILITIES:

- Planned Construction projects from beginning to end, focusing on timelines, budgets and mechanical feasibility.
- Preparation of Method of Statement as per project Specification and relevant standards. And Review and correction of Shop drawings and MEP- Coordination Drawings. Also coordinate with design team if any deviation.
- Review material Technical data schedule (TDS) as per the standard, and project requirement, Factory acceptance test (FAT) report and coordination with the approved vendor, third party inspection agency.
- Finalize that BOQ or takeoff and issue Purchase Request for each Mechanical Equipment and material as per project design criteria material technical Data schedule.
- Developed internal processes and plans for mechanical verification, product development and factory processes.
- To ensure proper implementation of design and strict compliance of ASME, ASNT, SMACNA, ASHRAE, LEED and relevant standards. Installation and conducting pressure or gravity test for underground and above ground piping and valves systems according to applications. Moreover, close monitoring in HVAC ducts installation, leak testing, Fittings and fixing accessories and plumbing accessories.
- Close monitoring and provide technical advice to staff designer, supervisor, inspector and contracting service provider, regarding installation and maintenance of Mechanical equipment such are (AHU, FCU, Chiller, Pumps, cooling towers, diesel generator, heaters, Compressor, etc.) and ensuring that strict compliance of Project Specification and Manufacturer recommendation.
- Efficiently handled 50+ manpower for individual task according to specific designation and scope of work.
- Following up for the inspectors remarks of each executed task if any deviation. Make sure all the work shall get approve in order to proceed for next activity
- Active involvement in weekly meetings with Project director, Project manager, construction manager, QC Supervisor and manager to resolve site related issues and Root cause failure analysis.
- Involved and Execute the commissioning activities of the designated scope of works strictly following the Environmental Health and Safety rules and according to the quality standards.
- Perform risk assessment and take appropriate control measures before starting any major testing and Commissioning.
- Perform the individual tests of the equipment of the designated scope. Also Troubleshoot and repair mechanical system if any failure or error occur.
- Ensure that, all snags are solved and rectified as per project designing and requirements.
- Develop maintenance standards, schedules and programs and provide guidance to maintenance crews. Also, Investigate mechanical failures or unexpected maintenance problems.
- Ensure the maintainability and reliability of equipment, mechanical system, and facilities to achieve a high level of asset preservation at a reduced total operating cost.
- To ensure safety standards and procedures are implemented and followed in accordance with contract requirements and Company guidelines.
- Ability and willingness to travel domestically and internationally as required (90%).

❖ **QAQC HVAC ENGINEER** | MAY/2016 to February 2019

Nesma & Partners Contracting Co. - Al KHOBAR, Saudi Arabia.

• **May 2016 – February 2019:**

Project: KAUST DOW Laboratory ME Innovation Centre, (LEED PROJECT)

Client: KAUST university, Thuwal, Saudi Arabia.

RESPONSIBILITIES:

- Preparation of ITP and Checklist for each activity as per project Specification and relevant standards.
- Review and check submittals, shop drawings, equipment data, material samples and/or manufacturers, third party inspection agency for compliance with contract drawings and specifications. Coordinate with other team to resolve all construction issues, and quality related conflicts.
- Preparation of RFI and Carry out inspection and checking for all quality related procedures in the site and ensures activity at the site is as per approved method statement and inspection test plan.
- Coordinate and following up with the consultant's representative and Site In-charge for inspection and meeting about quality problems as well as until RFI gets with no comments.
- Implement the QA procedures, coordinate mechanical QC work with other technical disciplines to ensure safe and seamless management with all trades and activities, and communicate to respective team the QA system requirements.
- Report to the QA/QC Manager, control, and monitor all activities related to Quality Management System, QMS.
- Close monitoring, Troubleshoot and resolve problems for Air ducts, chilled waterline, underground piping, Mechanical equipment (AHU, FCU, PUMP, and Compressor) and complete involvement of all other HVAC and plumbing related activities.
- Witnessing and testing of Hydro testing for piping networks, As well as Pneumatic and leak test for Air ducts.
- Highlights deficiencies, shortfalls and indicates areas for improvements either within the construction activities or for documenting procedures and evaluate remedial procedures.
- Flag all concerns regarding contractor's deviations from the set and approved quality plan; raise necessary NCR'S and coordinate with the area/assistant area manager on the NCR's acceptable closing procedure.
- Highlights the areas of potential non-conformity and advises for preventive action.
- Follow up with the Construction Team (site engineer & Construction Manager) to prepare Two-week ahead Schedule in order to execute and achieve the work output target within time frame.
- Monitor the progress and effectiveness of the project quality management system. Recommend and implement improvements when required.
- All activity has been carried out with alert mind for Safety purpose.
- Maintain and update knowledge on various mechanical engineering processes & techniques and coordinate with other departments for the technical activities of projects.

PERSONAL PROFILE:

- ❖ Name : Bhaiyat Mohmad Fazail.
- ❖ Father's Name : Bhaiyat Mahmad Hanif Ahmad.
- ❖ Date of Birth : 13th - April – 1991
- ❖ Sex : Male.
- ❖ Marital Status : Married.
- ❖ Nationality : India.
- ❖ Language Known : English, Hindi, Gujarati.

DECLARATION:

On behalf of my knowledge and belief, I declare that the above given information is correct.
