

MUHAMMAD USAMA

Mechanical Engineer



Muhammadusama20111@hotmail.com



www.linkedin.com/in/muhammad-usama-shaikh-1b92b3a2/



+92(313) 2003594



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House No: 582 Block -D- Unit 2 Latifabad Hyderabad.

PERSONAL PROFILE

Enthusiastic Mechanical Engineer with an enterprising spirit, I thrive on confronting challenging situations in my field. Eager to embrace new challenges, I am always ready to seize opportunities that enhance my diverse skill set and propel me towards achieving significant milestones. I am actively seeking an enterprise that values my work and shares my commitment to success.

CORE STRENGTHS & ENABLING SKILLS

- Mechanical Engineering
- Document Mgt. & Control
- Microsoft Office
- Leadership Qualities
- Lean Six Sigma (White Belt)
- Corrective & Preventive Action
- Engineering Equations Solved (EES)
- Well Disciplined
- Operations Management
- Autocad
- Communication & Presentation Skills
- Ability to do work under pressure

PROFESSIONAL EXPERIENCE

THADANI ENTERPRISES (SITE ENGINEER MECHANICAL) (JAN 2020 – DEC 2022)

Thar Coal Project Field Block -2- Nabisar

PROJECT: Construction of HFO 10MW power house.

(Irrigation Department Govt of sindh)

End User: Sindh engro coal mining company.

Responsibilities/Accomplishments:

- To Supervise the mechanical works related to HFO 10MW Power house.
- To Supervise the erection of 04x2.5 MW CAT (9CM25E) HFO engines.
- To Supervise the piping work area of HFO DFO & Service Tanks.
- To Coordinate with client and end-user regarding the technical issues.
- To Coordinate with MEP Contractors . EPC.
- To make sure that work should be done as per tender and requirements.
- To analyze and develop the BOQ.
- To analyze the tender terms and conditions.
- Lead the implementation and compliance of company's management systems related to quality in TE.
- Propose improvements to the company's system of standards and procedures according to requirements
- Proposes relevant changes to continuously improve processes, methods and practices of quality control in accordance with client's and internal quality standards.
- Provide training to improve quality culture and awareness.
- Developed and implemented product safety management system.
- Conduct Product Safety trainings of blue-collar & white-Collar staff.
- To attend progress meetings with clients.
- To co-ordinate with field staff and supervisors in order to carry out the work smoothly.

BAHRIA TOWN KARACHI

Worked as "TRAINEE ENGINEER " (Jan 2019 - Dec 2019)

Responsibilities/Accomplishments:

- To supervise all types of mechanical work in BTK.
- To supervise the piping works area of BTK.
- To coordinate with contractors.
- To attend progress meetings.
- Review analysis of all MEP drawing materials, schedule/ programs works etc.
- Inspection & maintenance of Pumps & Fans..
- Day to Day monitoring and planning the entire work.
- Preparing weekly and monthly reports and report to construction manager.

INTERNSHIPS EXPERIENCE

- June 2016 [One Month] Internee engineer Toyota Indus Motor Company (Ltd)
- Dec 2016 [two weeks] Internee engineer Gas Turbine Power Station Kotri(Ltd)
- June 2017 [One Month] Internee engineer Jamshoro Power Company(Ltd)

PROFESSIONAL QUALIFICATION

- **Mehran University of Engineering & Technology, Jamshoro, Pakistan** (2014 - 2018)
BE – Mechanical Engineering
- **Government College of Technology, Hyderabad ,** (2010 - 2013)
DAE Mechanical Technology

Final Year Project/Thesis:

- **Design & Fabrication of Solar Dish Stirling Engine.**
- **Designation** : Presenter and Fabricator Description
- The Project was based on Design & Fabrication of solar Dish Stirling Engine . The gamma type stirling engine having a hot & a cold cylinder filled with helium gas sealed inside the chamber by employing solar dish which collects solar rays on a fixed point defined focal length on the cylinder head which causes the expansion of gas results in power generation by the movement of piston.

PROFESSIONAL CERTIFICATIONS

- **CertifiedSixSigmaWhite Belt(CSSWB)–2021**
(Management Strategy institute)
- Attended one day seminar of Sui southern gas company.
- Attended one day seminar on health and safety , **[MUET GOT TALENT]**
- Attended one day seminar on Communication skills.

ORGANIZATION & VOLUNTEER EXPERIENCE

- Participating as a volunteer one day seminar on health and safety.
- Participating as a volunteer one day seminar on communication skills.

REFERENCE

Furnished when required