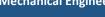


SHAFQAT ABBAS Mechanical Engineer





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03 March 1998

Career Summary

I have worked as a Machinery Maintenance and Reliability MTR in Fauji Fertilizers Company Pakistan, Brunel Oil and Gas Qatar and Qatar Engineering and Construction Company Qatar. I have 5 Years of experience in carrying out Condition Monitoring, Preventive, Predictive and Breakdown Maintenance, Major Overhauls and Root Cause Analysis of Recurring and Novel upsets to Prevent Machinery failure and Breakdown.

My portfolio included High Value Nuovo Pignone (NP) and Delaval Turbo-Compressor Trains; NP MCL and BCL Centrifugal Multistage Compressors; General and Special Purpose NP, Terry, Worthington & KKK Steam Turbines; Worthington, Burkhardth, NP Reciprocating and other Positive Displacement Compressors; Sundyne, Gusti, GE, Amarillo Gear Reducer Drives; Boldrochi & Westinghouse High flow Forced Draft and Induced Draft Fan Drives; High RPM Sundyne Centrifugal Pumps and Reciprocating and other general Positive Displacement and Centrifugal Machinery.

I have taken a part in **Planning, Scheduling, Execution, Monitoring** and **Closing** of 3 Turnarounds and 2 Shutdowns at FFC-I, FFC-II and QAPCO Qatar.

My current goal is to **Create Synergy** between my **Theoretical, Condition Monitoring** & **Field Maintenance Knowledge** and **Experience** to improve Machine Reliability and Performance with minimum downtime.

• Qualification

2020 - 2024

BSc Mechanical Engineering – University of Engineering and Technology, Lahore (CGPA 3.18/4) 2012–2015



DAE Mechanical Technology – Govt College of Technology Bahawalpur (87%)

2010 - 2012

Matric Science - Govt Sadiq Dane Model H/S Bahawalpur (80%)



Job Title/Assignment

July 2017 – July 2019





- Condition Monitoring, Reliability Assurance & Maintenance of high value Gas compressors, Steam Turbines, Positive Displacement & Centrifugal Pumps and other rotating machinery as Gear boxes, centrifuges and fans.
- Taken a part in **Preparation** and **Implementation** of **Preventive**, **Predictive**, **Emergency and Turn-Around** maintenance plans.
- Implementation and Monitoring of Health, Safety, Environment & Quality Policies, Job Safety Analysis of Major Projects.
- Taken a part in different trainings on emergency response for quick action in case of any emergency occur at plantsite.

MACHINERY MAINTENANCE TEHNICAN - Brunel Oil and Gas Qatar (QAPCO plant Shutdowns)



Responsible for: -

- Major overhauling of Reciprocating Compressor made by Burkhardt Compression.
- Taken a part in **Preparation of tools** and **Implementation** of High Standard Safety.
- Bearing Replacement and Gears Inspection of Extruder Gear Box Made by Berstrof.
- Major Overhauling of Pelitizer and extruder screw removal.

January 2024 – February 2024

MACHINERY MAINTENANCE TEHNICAN – Qatar Engineering and Construction Company (QAPCO plant Shutdown) Responsible for: -



- Major overhauling of **Centrifugal Pump** made by Sulzer company.
- Attended Safety trainings by QCON and QAPCO management to Implement zero tolerance safety policy at QAPCO plantsite and Familiarization with 12 Safety Golden Roles of Qapco.

August 2015 - July 2017

Assistant Mechanical Supervisor – GRC pvt Limited Pakistan (Kacchi Canal Project)



Responsible for:

- Responsible for ensuring availability of essential workforce through Training, Performance Assessment and Skilled-Workforce Management.
- Ensuring accessible Record & Report keeping to ensure a system dependent approach to work.
- Preparation and Implementation of budgeting strategies thru budget monitoring and future planning.
- Maintenance, Monitoring and planning of different rotary equipments as Diesel engines, heavy machinery hydraulic components
- Managed work and peoples under supervision.

Major Projects

At University during Degree

Development of an automatic Quality Control System for various issues in plastic and paint industry

As the time is most precious thing in this world. In order to save time AI (artificial intelligence) and Machine learning has played an important role in this way. I used machine learning to develop this project and used different softwares as Arduino UNO and MATLAB. The main objective of this project to Reduce man work and increase productivity. This system is helpful to segregate parts particularly on the basis of same colors variation and size, it could be adopted by any industry. Through this project I want to replace manual processes with automation with focus on more control of process parameters. Implementation of artificial intelligence/machine learning to control process parameters and detect problems at early stages of the process would help to improve quality, reduce wastage & time.

Improvements in such areas would help our Industries to be competent in the global market.

Professional Trainings

- Fire fighting
- Training on emergency response
 Training on LOTO strategies Program.

Software Skills

- MS Office and Word
 Solid Works
 Comsol
- MS Powerpoint
- MATLAB
- HAP

Other Professional Skills

- Team Management
- Problem solving and critical thinking
- Alignment Techniques specially grip on Rim and face method.
- Adept at operating measuring tools (Micrometers, Vernier caliper, Bore gauge & Dial indicator) and all other tools used in machinery maintenance.
- Familiarity with pneumatics and power tools usage Rigging Techniques.
- Grip on taking readings and clearances between different components. Supervision of Scaffolding Jobs.
- Maintenance of Air handling units. Measurements of O rings.
- Bearing installation.
- •DGS made by john cranes Inspection

Languages

Urdu with full Proficiency
 English with Limited Proficiency

Hobbies

Cricket

Walk

Book Readings

Walk