



Name: Bilal Arshad Butt
Date of Birth: 24-04-1976
Profession: Mechanical Engineer
Nationality: Pakistani
Present place of work: Jubail, Saudi Arabia
Permanent Address: 281-DHA RAYA Lahore, Pakistan
Cell No: 00966-59-1196691

Saudi Engineering Council Registration No: 156548

Having Valid Saudi driving Licence.

Key certification:

- IOSH Managing Safely.
- IMS Internal Auditor
- **Certified Sprinkler ITM Specialist.(CSITMS-FM-17-028) NFPA**

Education:

BE, Mechanical Engineering, University of Engineering & Technology, Taxila, Pakistan, 2000

Employment Record:

- March, 15th to Present- Marafiq-Saur(MASA), Jubail, Saudi Arabia. Pump Station Engineer.
- Oct 2010 to 15th, March, 2013 - SRACO, Dammam, Saudi Arabia, Maintenance Engineer
- May 2009 to July 2010 - Mushrif Contracting Co LLC Ruwais, Abu-Dhabi, UAE, Sr. Mechanical Engineer
- Aug 2007 to 30 April 2009 - SAMSUNG ENGINEERING, Abu Dhabi UAE, Mechanical Engineer

- Jan 2003 to July 2007 - IMECO Int'l Mechanical & Electrical Co., Abu Dhabi UAE, Mechanical Engineer
- June 2001 to Dec 2003 - AIRSYS ATM (UK based Company), Location: Lahore, Pakistan , Mechanical Engineer

Project Experience

March, 15th to Present.

Marafiq-Saur(MASA), Jubail, Saudi Arabia

Designation. Pump Station Engineer/Technical trainer.

Project Name: Potable Water Division: Potable Water Pumping Stations & Distribution Networks)

Potable Water Service key figures

- ◆ 1 Production unit by reverse osmosis capacity 100,000 m³/day
- ◆ 2,100,000 m³ of strategic storage capacity
- ◆ 1,400 km of network, from 25 to 1,500 mm diameter
- ◆ Supplying all industries in Jubail
- ◆ 23,000 residential customers
- ◆ 250 employees with a permanent customer focus

Responsibilities related to Potable Water Pump Stations. Re-mineralization Plant, Chlorine Dioxide Plant and network Operation & Maintenance:

- Carry out and supervise daily Operational and maintenance related activities of rotary as well as stationary equipment's pertaining to Potable Water Pump Stations , Distribution Networks
- Carry out and supervise daily Operational and maintenance related activities of Rotary and Stationary equipment is related to Re-Mineralization plants.
- Carry out and supervise daily Operational and maintenance related activities of Rotary and Stationary equipment is related to Chlorine Dioxide plant.
- Coordinate with Engineer, Planning, define appropriate preventative maintenance schedules so that all, equipment, rotary and stationary and auxiliaries are maintained in a condition that is fit for purpose and plant availability is maximised.
- Monitor external maintenance contractor performance versus agreed preventative maintenance schedules and inspect the quality of completed work to ensure that plans are being executed in a timely manner and plant availability is maximised.

Responsibilities related to Fire:

- Review design of Fire Suppression i.e. Fire Pumps and private fire service mains and their Appurtenances.
- Carry out and supervise Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems as per NFPA Codes.
- Fire Protection Program Reviews
- Periodic Inspection of Fire Extinguishers.
- Fire Hazard and Risk Assessments

Responsibilities related to QHSE:

- Training all employees in matters of HSE
- Conducting risk assessment, accident/incident investigation
- Conduct inspection/Internal audits of O&M system related to Different departments (PW/Sea water Cooling/Waste water) and prepare reports.
- Identify non-conformances/Initiate preventive action and maintain records.
- Create SOR(Safety Observations in ERP Production module(SAP) and follow up with concerned sections for execution and closure.
- Attend HSE meetings with clients and regulatory authorities

Responsibilities related to OED: Organization Effectiveness Department.

- Prepare Modules suitable for In house development of employees.
 - First Level of Operation & Maintenance.
 - Second Level of Operation & Maintenance.
 - Potable Water network.
- Conduct training sessions in house for continual development.

Oct 2010 to 15th ,March,2013.

SRACO, Dammam, Saudi-Arabia

Maintenance Engineer, Project Name: Potable Water Division Potable Water Pumping Stations & Distribution Networks), Client: **Marafiq**

Responsibilities related to Potable Water Pump Stations and network Operation & Maintenance:

- Carry out and supervise daily Operational and maintenance related activities of all machinery and mechanical equipment such as pumps, compressors, gear-box, gear drives, Fire Pumps, cranes, valves, pipelines, and the like related to Potable Water Pump Stations and Distribution Networks.
- Coordinate with Engineer, Planning, define appropriate preventative maintenance schedules so that all, equipment, rotary and stationary and auxiliaries are maintained in a condition that is fit for purpose and plant availability is maximised.
- Monitor external maintenance contractor performance versus agreed preventative maintenance schedules and inspect the quality of completed work to ensure that plans are being executed in a timely manner and plant availability is maximised.

Responsibilities related to Fire Suppression and Detection:

- Carrying out Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems as per NFPA codes.
- Fire Protection Program Reviews
- Periodic Inspection of Fire Extinguishers.
- Inspection of Newly Installed Fire detection systems. FCAP along with detectors.

Responsibilities related to QHSE:

- Training all employees in matters of HSE
- Conducting risk assessment, accident/incident investigation
- Identify non-conformances/Initiate preventive action and maintain records.
- Create SOR(Safety Observations in ERP Production module(SAP) and follow up with concerned sections for execution and closure.
- Attend HSE meetings with clients and regulatory authorities

Responsibilities related to OED: Organization Effectiveness Department.

- Prepare Modules suitable for In house development of employees.
- Conduct training sessions in house for continual development.

May 2009 to July 2010

Mushrif Contracting Co LLC Ruwais, Abu-Dhabi, UAE

Sr. Mechanical Engineer, Project Name: **Ruwais Housing Complex Expansion Phase 3. (Related Infrastructure Storm Water, Sanitary Drain, Potable Water, Irrigation Network & Fire fighting Systems Installation & Commissioning).** Client: ADNOC

Responsibilities:

- Responsible in Procurement, site inspection Installation and testing and commissioning of mechanical equipment pertaining to Infrastructure project till hand over.
- Material take offs and requisitions
- Coordination with engineering design on constructability issues
- Selection and preparation of technical specifications, material requisitions, and technical evaluation of bids and review of vendor drawings/documents for rotating equipment such as pumps, compressors, Clarifiers, Blowers, Agitators and package equipment and Pipes and accessories of different materials.
- Coordination with engineering design on constructability issues

Responsibilities related to Fire Suppression and Detection:

- Review design of Fire Suppression i.e Fire Pumps and private fire service mains and their Appurtenances.

Aug 2007 to 30th April 2009

SAMSUNG ENGINEERING,ICAD, Abu Dhabi UAE.

Mechanical Engineer, Project Name: **Procure, Build and Operate 40000m³/Day Capacity of Industrial Waste Water Treatment Plant)** , Client: ZONES CORP

ACTIVATED SLUDGE PROCESS:

- Responsible in Procurement, site inspection Installation and testing and commissioning of mechanical equipment pertaining to Industrial Waste water project project till hand over.
- Material take offs and requisitions
- Coordination with engineering design on constructability issues
- Selection and preparation of technical specifications, material requisitions, and technical evaluation of bids and review of vendor drawings/documents for rotating equipment such as pumps, compressors, Clarifiers, Blowers, Agitators and package equipment and Pipes and accessories of different materials.
- Coordination with engineering design on constructability issues

Jan 2003 to July 2007

IMECO Int'l Mechanical & Electrical Co., Ruwais, Abu Dhabi UAE

ACTIVATED SLUDGE PROCESS:

Mechanical Engineer, Project Name: **Operation and Maintenance of Water treatment plant and sewerage treatment plant, Pumping Stations, Distribution Networks,** Client: ADNOC

- Planning, execution and supervision of Operational, scheduled and preventive maintenance for the plants. Related to Potable Water PS, Sewerage lifts stations and dewatering stations.

Responsibilities related to Fire Suppression and Detection:

- Carrying out Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.