



MUSHABBER HUSSAIN / PROJECT ENGINEER, Zamil Operations & Maintenance Company.

ABOUT ME


Aspiring for a challenging position as Technical Manager/ Senior Project Engineer/Project Engineer in an organization where my skills and abilities would be tapped to its best, enabling me to explore myself fully in a role that would be mutually benefit the organization I work for and me professionally.

Total Experience: 9+ years

Gulf Experience: 5+ Years

Iqama (KSA): Engineer

CAREER DETAILS

 DECEMBER 2019 - PRESENT

PROJECT ENGINEER

ZAMIL OPERATIONS & MAINTENANCE COMPANY, SAUDI ARABIA

PROJECT: Al Jubail industrial city Irrigation water project.

CLIENT: Royal commission (Irrigation Dept) in Jubail and Yanbu.
Kingdom of Saudi Arabia


Responsibilities:


- Planning, conducting, and monitoring, Operation, and maintenance activities.
- Provide the technical standards, procedure and Schedule and Technical support to Operation and Maintenance departments.
- Monitoring the performance & Quality of preventive and corrective actions for both of operation and maintenance departments.
- Documentation of Technical submittals, Landscaping requests, technical investigation reports, Breakdown reports, pipe break investigation report, site visit reports & work progress reports etc.
- Engineering Technical proposals design, documentation, and costing.
- Conducting the initial acceptance inspection with team for new project handovers from RC construction contractors as per RC engineering Standards (GEMS 2020).
- Conducting site visits and accordingly documentation for irrigation network modifications, New TIE-IN requests, pipe break site & Ongoing various maintenance activities in the irrigation pump stations & irrigation network.
- Upgradation of Existing irrigation pump station to increase the per day capacity.
- Providing Technical Support for Installation & Maintenance of PCP, CCP, PLC Panel, RTU, VFD, MOV, SOV, PIT, LIT, Flowmeter, Pump & Motors.
- Design/Modifications of Irrigation network (63mm – 1200mm)
- O & M of Chlorination system installed at every irrigation pump station.
- Reviewing & Updating the As Built and TSD layout as per the work.
- Reviewing the new projects packages.
- Site visit for LAR, encroachment permit and permit close out.
- Attending meetings with managers and Royal commission staff.
- Reporting to the TQAD Manager, Project Manager and RC Engineer.

Achievement

- **Worked As a Technical Manager (TQAD) for a period of 1 Month & during public holidays.**

CONTACT

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 [mushabber.hussain](https://github.com/mushabber.hussain)

 Al Jubail Industrial City, Kingdom of Saudi Arabia

MEMBERSHIP



Engineering Accreditation

Certificate from Saudi Council of Engineers. Membership ID 305979 valid till 10/27/2022.

CREDENTIALS



B. Tech (ECE) – 2012

Uttar Pradesh Technical University
(Now Dr. APJ Abdul Kalam University),
UP, India

GRADE: A with Honors

SKILLS





FEBRUARY 2019 – NOVEMBER 2019

PROJECT ENGINEER (O&M)

NWS Pvt. Ltd. (Joint Venture by VEOLIA WATER INDIA, NEW DELHI, INDIA

PROJECT: Najafgarh UGR and Distribution plant for Najafgarh Area.

CLIENT: Delhi Jal Board, Delhi Government, India

Responsibilities:

- Planning and undertaking scheduled maintenance.
- Planned & preventative maintenance on a variety of equipment (water treatment, pumps, etc.)
- Monitoring and reporting on maintenance performance across the plants.
- Support and ensure that the maintenance strategy is followed efficiently and understood correctly.
- Maintain instrumentation/Electrical equipment at water/Pumping station treatment plants, reservoirs, metering stations, and booster pump.
- Install and troubleshoot operation & maintenance of Electronics/Electrical related system as-controls panels (plc based), panel for high pressure pump, valve & booster pumps etc.
- Organizing routine servicing Schedule.
- Ensure the companies CMMS is always kept up to date
- Attending meetings, writing reports, and giving presentation to managers and clients.
- Supervise & control the operation of plant and team management of technician & operators.



SEPTEMBER 2015 – OCTOBER 2018

GENERAL ELECTRIC ENGINEER

ABDULLAH IBRAHIM AL SAYEGH & SONS TRADING AND CONTR. CO. KINGDOM OF SAUDI ARABIA.

- PROJECT:**
1. BUSAITA water treatment plant of pumping capacity @ 70000m³/ day
 2. BUSAITA water treatment Plant (RO unit) capacity @35000 m³/ day
 3. Sewage Treatment plant Hail capacity of @ 75000 m³ /day.

CLIENT: Ministry of Environment water & Agriculture.
Directorate of Al Jauf Region & Hail Region
Kingdom of Saudi Arabia

Responsibilities:

- Have a working knowledge of the operation, methods, and procedures of a RO (Reverse Osmosis Plant) / Water Supply Booster Station & wastewater treatment plant.
- Have a working knowledge of the machinery used for RO, wastewater treatment and pumping stations.
- Perform daily checks of the process and periodic checks of pumping stations & RO unit.
- Have experienced in Installation and Commissioning of various type of Instruments.
- Formulate a plan, Review and Analyze preventive maintenance strategy for the equipment instrumentation to achieve highest efficiency of the activities for reliable and safe operation.
- Configuring and faults diagnosis of PLC, SCADA, RTU, Profibus Communication, Analyzers and Control Loops.
- Calibration of instruments like differential pressure transmitter, Flow meters, Temperature Tr, Level Tr and control valves etc...

CERTIFICATION



P.G. Diploma in Automation

Course Duration- 6 Months
ARTLAB, NOIDA / 2014

- **PLC** – Allen Bradley, Mitsubishi, Siemens, OMRON, Delta
- **SCADA** – (In-Touch Wonder ware)
- **HMI** – Human Machine Interface
- **DCS** – Distributed Control System
- **Drive** – AC/DC
- Basic Electrical
- Instrumentation Control System

INDUSTRIAL TRAINING



Industrial Training

Asahi India Glass Ltd, Roorkee

Completed one Month Industrial training in **Automation**.

PERSONAL DETAILS



April 6, 1992.



Unmarried



Indian



Indian passport Holder (K-8072153)



Holding KSA Driving License

LINGUISTICS



PROFICIENT



NATIVE



BEGINNER

ENGLISH

HINDI
&
URDU

ARABIC

- Installation of field instruments like flow meter (ABB, EnduroFlowEF10, EUROMAG MC106, Parasonis FMU 90), level sensor (ZMICROFLEX C, PULSAR, SKR100), Temperature transmitter and pressure transmitter & switch.
- Installation, calibration, and loop checking of the field instruments (Emerson Rosemount, Endress & Hauser, ABB).
- Maintenance and calibration of the control valves (Auma-MOV)
- Installation & Programming of VFD (ABB, delta), SOFT STARTER (ABB, Schneider, Emersion) of medium voltage.
- Design & Install STAR-DELTA, DOL, AUTO TRANSFORMER.
- Maintenance and calibration of different analyzers: Conductivity, Chlorine, PH, Turbidity, TDS.
- Install and troubleshoot Electrical panel for high pressure, Booster pump & valve.
- Attending meetings, writing reports, and giving presentation to managers and clients. Coordinating with other discipline Engineers, Project & site engineers, Client/consultants.
- Have good supervision knowledge of Operation of RO Plant and Pumping Stations.
- Organizing routine servicing Schedule.
- Attending meetings, writing reports, and giving presentation to managers and clients.
- Supervise & control the Operation of RO unit (electrical/Electronics/chemical) and team management of technician & operators.

 OCT 2013 - JUNE 2015

ELECTRONICS ENGINEER
STAR SECURITY SYSTEMS PVT LTD, NEW DELHI-INDIA

Responsibilities

- Check equipment's Installation & maintenance of security systems like CCTV systems, Fire Alarm systems, Access Control system.
- Troubleshoot technical problems encountered on site.
- Provide technical solutions & guidance to team workers & customers.
- Prepare reports related to site work activities.
- Attend meetings, writing reports and giving presentation to managers and clients
- Lead a team of supervisors in carrying out the site activities. Ensuring work schedules are met, uncompromised safety is followed, and quality is assured.

 AUG 2012 -SEP 2013

QUALITY CONTROL ENGINEER
PRECISION MOULDS(PMD) & DIES PVT LTD.
Ghaziabad (U.P)

Responsibilities

- Quality evaluation of final products done based on sampling (random sampling) to check out the quality performance.
- Mainly check out defects like Sink marks, Gas marks (burning), Flash, Short shots, flow marks, splay etc.
- Provide technical solution for better quality.
- Done online quality check after every 2 hours to give better quality products and remove defects during the manufacturing of products.
- Maintain Psi.
- Make reports of all quality samples and results and attend quality control meetings with the management staff of company.

DECLARATION:

I declare that the details furnished above are true to the best of my knowledge.

Date:
Place: Jubail

(Mushabber Hussain)