



# MUHAMMAD UMER TARIQ

JUNIOR ELECTRICAL ENGINEER

## PROFILE

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Experienced Electrical Maintenance Engineer with a demonstrated history of working in the oil and gas industry. Skilled in Plant Maintenance, Motors, Generators, Control, Commissioning, Troubleshooting and also PLC Programmer. I want to become a part of an organization with an environment full of challenges. Strong engineering professional focused in Electrical Power and Instrumentation.

## SKILLS

- Circuit Design
- Troubleshooting(Generators, Motors,)
- MCC(Motor Control Centre)
- AUTO CAD Electrical
- E-TAP
- Instrumentation
- Control System
- PLC Programming
- Single Line Diagram
- Equipment Selection

## EXPERIENCE

### JUNIOR ELECTRICAL ENGINEER

#### **Orient petroleum Inc July,2021- Present**

- Work as E & I Engineer. Responsible for **Power Generation, Distribution, Switch gears and MCC, PLC system, Instrumentations** equipment with normal operation.
- Responsible for day to day **corrective, productive and preventing** maintenance. Ensuring absolute safety and prepared **JHA** if required. Confirming history and man hours of the job to be updated and reporting.
- Involving design new projects, Sizing and selecting cables, **Motors, Transformers.**
- Work on Waukesha gas Genset(H24GLD, 275GL, 5102,5904).
- Work on AJAX, ARIEL, INGERSOLL RAND GAS COMPRESSORS.
- Install, troubleshoot and calibrate flow computer, moisture analyzer, F&G detectors, transmitters, control valves and solenoid valves.
- Work on **PSV's(Pressure Safety Valves, PCV(Pressure Control Valves), Transmitters, Gauges Calibration, Pneumatic Recorder Calibration.**
- Perform facility start up, checkout and commissioning of integrated hardware and software systems
- Provide Emergency/unscheduled repairs, troubleshooting, schedule repairs and maintenance.
- Ensure to maintain shift log sheet and preparation of shift report.
- Compliance of assignments as given from time to time.
- Keep the record of equipment history.
- Comply with company HSE policies and work permit procedures.
- Sound hand on study of manufactures manuals and diagrams.

## EDUCATION

### **BS(Electrical Engineering)**

CAPITAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, ISLAMABAD, PAKISTAN  
2014 - 2018

## LANGUAGES

- |           |        |
|-----------|--------|
| • ENGLISH | BASIC  |
| • URDU    | NATIVE |
| • PUNJABI | FLUENT |

## **TRAINEE. ELECTRICAL ENGINEER**

**OCEAN PAKISTAN PLY LIMITED** 2019- 2020

- Work as Trainee Electrical Engineering. Understanding HSE, Layers of protection of plant, Risk assessment procedure, HSE Equipment details.
- Understanding and hands on knowledge about electrical systems.
- Select and measure conductors used in power circuits.
- Prepare and install metal/PVC conduit pipes.
- Identify and make different types of joints/ splices.
- Install different types of circuits according to function.
- Perform different polarity test.
- Install distribution panel and main switch.
- Assemble wire internally in light fittings.