



# Abhishek Raj

Electrical & Instrumentation Engineer

## Objective

More than 6 years of experience in Installation, Commissioning, Operation & Maintenance of Electrical & Instrumentation Equipment's in Waste Water Treatment Industries and Oil & Gas Industries with expertise in Electrical Engineering, Analyzers, Field Instruments and Automation. Willing to work as a key player in Challenging & Creative Environment.

## Contact Information

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+91-9693912748  
✉ abhishek.sah.raj@gmail.com

## Academics

**Bachelors of Engineering :**  
Electronics & Communication (2010-2014)  
Punjab Technical University, India

## Skills

- ✓ Documentation
- ✓ CMMS
- ✓ Analyzers
- ✓ Electrical Equipment's
- ✓ Field Instruments
- ✓ VFD
- ✓ PLC
- ✓ SCADA
- ✓ Water Treatment Process
- ✓ EPC
- ✓ 5S, KAIZEN

## Work Experience

**Electrical & Instrumentation Engineer** **2014 – Present**

Organization : Toshiba Water Solutions

### ≡ EXPERIENCE - EPC, O&M PROJECTS

1. CETRP1 - Majis Industries SAOC, Oman
2. ETP, BTP & RO - IOCL, BARAUNI

### ≡ EXPERIENCE SYNOPSIS

- Profound knowledge in Electrical equipment's, Instruments & PLC, SCADA Programming
- Experience in Erection, Commissioning, Maintenance and Troubleshooting of various online Instruments, Analyzers, Electrical Equipment's
- Capable of handling Field instruments, Electrical Equipment's, VFD's, Diesel Generators, Gas detectors, Fire alarm systems
- Experience in documentation and maintenance with proper planning through CMMS (IFS Application)
- Communication with clients and vendor for technical solutions
- Co-ordination with OEM & vendors for materials procurement, servicing, technical requirements
- Knowledge of Operation and maintenance of water & waste water treatment plants

## Training

- Confined space entry training in Sohar International Institute, **Oman**
- HSE and PTW training in Oman Oil Refineries and Petroleum Industries Company, Oman Methanol Company & Sohar Power Company (STOMO)
- Solar Panel operation & maintenance training by UNICORN International LLC **Oman**.

## *Personal Details*

D.O. B : 24-feb-1993  
Nationality : Indian  
Passport : P8570967 PP  
Validity : 09/04/2027  
Languages : English, Hindi, Arabic  
(Basic)  
Address : Mirganj, Begusarai,  
Bihar, India

## *Responsibilities*

- ✓ Commissioning and Maintenance of CMS & OLM's with Analyzers & MOV's
- ✓ Problem diagnosis in PLC & SCADA Programs
- ✓ Design modifications and Documentation
- ✓ Planning, Preparation of Maintenance tasks & carrying Maintenance activities and reporting in CMMS using IFS
- ✓ Preventive, Preventive and Corrective maintenance of Motors, VFD's, MCC Panel
- ✓ Involvement in Operations and Mechanical maintenance activities of ETP and RO Plants
- ✓ Manages PTW (Permit to Work) and LOTO system for all the Construction and Maintenance tasks
- ✓ Identification of obstruction/breakdowns and take steps to rectify the equipment's through application of trouble shooting tools
- ✓ Execution of cost and energy saving techniques/measures and modifications to achieve substantial reduction in Operations & Maintenance expenditures
- ✓ Identifying & maintaining critical spares & updating records as per the audit requirements and for smooth operations of plant
- ✓ Supporting in Maintenance of Fire alarms, CCTV and Gate automation systems
- ✓ Installation, Calibration and Maintenance of GAS DETECTORS.
- ✓ Installation, Calibration & Maintenance of **Analyzers** like **COD, TOC, Oil in water, Sulphide, DO, pH, Conductivity, Ammonia, TSS, Turbidity, Chlorine, Hardness, ORP** etc.