SHAREEF

Instrumentation Engineer

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**Summary**

**Four years of experience** in Integrated Refinery Expansion Project (IREP) of BPCL Kochi Refinery in reviewing design documents and vendor offers, material selection and procurement, installation, commissioning and maintenance of field instruments, supervision of shutdown jobs etc.

**Experience**

# Project Engineer 03/2018 - 09/2019

## Mumbai

Job Location: BPCL Kochi Refinery

* + Involved in erection and commissioning of Petro FCCU
	+ Making specifications,understanding design aspects,reviewing technical drawings,construction supervision,pre-commissioning checks,coordination with OEMs etc.
	+ Review of P&ID,hook up drawings,loop drawings,i/o list,cable schedule,trip logics etc.
	+ DCS & PLC Systems:- Emerson DeltaV,SIS,Honeywell EPKS C300,FSC and Yokogawa Centum VP
	+ Familiarized with Bently Nevada 3500 vibration monitoring system and Woodward governor
	+ Well versed with HART and FF protocol

# Engineer (Instrumentation) 09/2016 - 03/2018

## Kochi

Job Location: BPCL Kochi Refinery

* + Engaged in pre-commissioning jobs of Sulphur Recovery Unit-III
	+ Leading a team of technicians towards maintenance of all kind of modern instrumentation
	+ Installation,calibration and loop checking of field instruments (Rosemount,ABB & Honeywell)
	+ Cable scheduling,routing,glanding and termination in the field and control room
	+ Performing interlock checks and emergency shutdown tests
	+ Hardware checking of system modules

# Graduate Apprentice 08/2015 - 08/2016

## Kochi

* + Supervision of shutdown jobs in CDU-II (Revamp of Allen Bradley RSLogix 5000,orifice tapping modification,pressure testing of thermowell and JB inspection)
	+ Conducted SAT of Emerson systems
	+ Familiarized in using SAP,material planning and documentation
	+ Maintenance and calibration of DPT,ultrasonic/mass flow meters,radar type level instruments, temperature transmitters,control valves (MIL,Samson & IL),SOVs,positioners,switches etc.
	+ Maintenance of various anlayzers (ADA,blending analyzer,silica analyzer,stack analyzer etc.) and calibration of gas monitors (Honeywell XNX & Net Safety)
	+ Tank gauging (Honeywell Enraf & Saab Rosemount) and truck loading systems
	+ Aware of refinery safety and operational standards

**Education**

* B.Tech Applied Electronics & Instrumentation Engg. *from* College of Engineering Trivandrum - 2015

**Personal Details**

**Date of Birth :** 07/11/1992

**Languages known :** English,Hindi & Malayalam

**Nationality :** Indian