

SHAKOOR AHMED

EXP: 04 Years



Instrumentation & Control (CCPP)

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Current Address: KEPSCO PLANT SERVICE & ENGINEERING CO-LTD 175MW CCPP 8KM,DAD LEGHARI ROAD
DAHARKI DIST.GHOTKI SINDH PAKISTAN.

DOB: 24-01-1991 **CNIC:** 45104-12678781-1

PROFILE

- Troubleshooting, testing and maintenance of instrumentation, automation & process control equipment's concerning to instrumentation & automation in thermal power plants.
- About 04 years' experience in instrumentation and automation in Gas Turbines, Steam Turbines, WHRS boilers, Gas/Diesel Engines, water treatment plants, gas & air compressors & gas fuel facilities.
- PLCs, DCS and control systems.
- GE Gas Turbines .

PROFESSIONAL EXPERIENCE & SKILLS

- GE Frame 9E Gas Turbines/FUJI Electric & Alstom Steam Turbine & HRSGs.
- GE Speedtronic MARK VI & MARK VIe control system & ToolBox ST Software.
- Honeywell Experion DCS/Emerson Ovation DCS
- Instrumentation (Pressure, Flow, Level, Temperature, Vibration, Valves, Switches, I/P convertors, Positioners)
- Gas & Steam turbines electrohydraulic servo governing actuators (GE, WOODWORD, Moog).
- Pneumatic, hydraulic and analytical instrumentation.
- Emerson, Fluke, GE and Ametek advanced calibration equipments.
- Analyzers of PH, Conductivity, Turbidity, Hydrocarbon, Dust, O₂, CO, SO₂, NO, Exhaust & Natural Gas, Silica.
- Instrument installations tubing & fitting work.
- Honeywell Safety Manager (ESD)/ Bentley Nevada 3500 Vibration System.
- Steam Turbine/HRSG sampling and Emission monitoring systems.
- Field instruments calibration, maintenance and troubleshooting.
- Fire/Gas protection and monitoring systems.
- Microsoft Office & Windows applications
- HSE & CMMS with PTW and LOTO implementations.
- Fluent in English language.

EDUCATION

QUALIFICATION	INSTITUTE/COLLEGE	SESSION	GRADE
DAE (Electronics)	SBTE Karachi Sindh, Pakistan	Pass 2014	67.8%
Matriculation (Science)	Govt; High School Mirpur Mathelo, Pakistan	Pass 2007	A-Grade

WORK EXPERIENCE AND RESPONSIBILITIES

Foundation Power Plant, Daharki (O&M KEPCO KPS)

From July 2015 to Present day



Responsibilities:

Working as **Technician Instrumentation & Control**

- GE FRAME 9E GAS TURBINE 120 MW maintenance and troubleshooting.
- FUJI electric STEAM TURBINE 65 MW maintenance and troubleshooting
- GE SPEEDTRONIC MARK VI Control system troubleshooting and configuration.
- Performed CI & MI maintenance of GE Frame 9E gas turbine.
- Participated in GE Mark VI to Mark VIe Control System upgradation.
- HONEYWELL DCS Experion R310 maintenance, troubleshooting & testing.
- Allen Bradley PLCs Micrologix, SLC 500, Control Logix & SIEMENS S7-300 PLCs.
- GT 9E maintenance & troubleshooting work of skids, vibration sensors, servos, TCs & RTDs loops, gas detectors & pressure sensors & switches, MARK-6 VME cards & TBs work.
- Water treatment plant / Waste water treatment plant instrumentation maintenance.
- Pneumatic and Hydraulic Instrument maintenance, testing and calibration.
- Plant Field instrumentation Hart based (Level, Flow, Temperature, Pressure, Vibration, Speed, Control Valves)
- Analytical instrumentation including PH, Conductivity, Oxygen, CO₂, Dust, Silica, Gas analyzers.
- Sampling system for ST and HRSG containing ROSEMOUNT & ABB analyzers.
- Continuous Emission Monitoring System (CEMS) for HRSG and GT
- Bentley Nevada 3500 Vibration system maintenance & troubleshooting using GE TK3.
- Gas fuel station containing flow meters, Daniel GC 700, Flow computer for custody transfer.
- Plant CCR networking and public address systems.
- Routine, corrective, preventive and schedule maintenance/calibration activities.
- Plant start-up and shutdown activities cooperating with operation staff.
- Maintain plant calibration equipment and calibration gases, standard solutions for analyzers.
- Complete work orders on daily basis generated by CMMS.
- Assist senior engineers for preparing maintenance reports and maintaining spare parts.
- PTW & LOTO
- HSE management & CMMS.

PROFESSIONAL TRAININGS & COURSES

Training/Course	INSTITUTE/ COLLEGE	Duration
GE MARKVIe Control System	GE	05 Days
SIEMENS PLCs S7-200	Technomen Karachi	06 Week
Digital Electronics	Technomen Karachi	06 week
Machine Monitoring System & Control Valve	FFC Sona Tower Training Center Rawalpindi	03 days

LANGUAGES

- English (Fluent in written & Spoken)
- Urdu
- Sindhi