

SAJID ASHRAF RESUME

GRADUATE ELECTRICAL & CERTIFIED ENGINEER

Address: Jeddah KSA
Contact No: +966 58 376 5004/ +92 333 7056 478
Email: sajid@acecranes.com
Languages: English, Urdu & Hindi
Country Experience: Pakistan/KSA
Nationality: Pakistani
Availability: Immediate
Driving License: Yes/ KSA License

CAREER OBJECTIVE

- Seeking challenging and rewarding position in electrical engineering and related functions across multinational or local organizations, demanding high standards of quality and precision and providing opportunities to amalgamate my personal enrichment with professional goals.

PROFILE SUMMARY

I am passionate and enthusiastic **Site Electrical Engineer**. I hold graduation degree of **Bachelor of Engineering (Electrical)** and I am also certified in **(PEC) Pakistan Engineering Council** and **(HEC) Higher Education Commission** and also **(SEC) Saudi Engineering Council**.

<https://pk.linkedin.com/in/sajid-ashraf-8861abb1>

KEY COMPETENCIES AND SKILLS

- | | | |
|-----------------------------|---------------------|----------------------|
| • System Installation | • Power Engineering | • Pressure Handler |
| • Troubleshooting | • Power Management | • Documentation |
| • Operation and Maintenance | • Field Services | • Problem Solving |
| • Customer Support | • Team Player | • Project Management |

PROFESSIONAL EXPERIENCE

ACE CRANES SYSTEM LLC UAE/KSA

APRIL 2016 TO DATE

ELECTRICAL ENGINEER

RESPONSIBILITIES:

- Installation and commissioning of long travel and cross travel panel.
- Installation, commissioning and termination of 15 KVA, step-up transformer 380 – 460 V.
- Function and set parameter in LIS (Load indication System) preventive purpose.
- Calibration of LIS and Load Cell.
- Set the parameter in drives Siemens and Danfos.

RESPONSIBILITIES:

- Instruments Commissioning & Maintenance
- Automation System (DCS) - ABB 800Xa with Control Builder M & Invensys Foxboro IA Series.
- PLC - Allen Bradley Control Logic x5570, Ge Fanuc RX3 PAC System.

STEAM & GAS TURBINE INSTRUMENTATION:

- Operation & Maintenance of No of Steam & Gas Turbines of different manufactured by Shinko Japan.
- Calibration & trouble shooting of gas turbine instrumentation including speed system (speed pick-up probes) Temperature system (RTDs, Thermocouple), control z- boxes, switches, Transmitters etc.

Expertise in SMART / HART enabled field Instruments**PRESSURE EQUIPMENTS:**

- Commissioning, calibration and loop testing of different types of pressure gauges, pressure switches, pressure Transmitters, pressure safety valves, pressure control valves of **Emerson, Yokogawa, ABB**, differential pressure Gauges, switches and Transmitters.

TEMPERATURE EQUIPMENTS:

- Commissioning, calibration and loop testing of different types of temperature gauges, temperature switches, Temperature transmitters, RTDs, Thermocouples.
- Flow Equipment's
- Level Equipment's
- Vibration Equipment's

JDW Power Plant 6MW

- Installation of capacitor tripping devices.
- Installation of Control & indicating devices ,jumpers,cable lugs,barriers & shutters.
- Installation of test switches and breaker accessories.
- Installation of Overload protection,Meters, auxiliary relays,timers,indicating lights,surge arr-esters
- Installation of CT, PT line protection panels Testing of Circuit Barkers, CT, PT & Steam checking of Line protection panel, switch-gear Control Panel.
- Auxiliary relay testing, complete functional scheme checking of line protection.
- Testing & Commissioning of Line differential relay (Areva make- Micom P546, ABB) and transformer differential relay (ABB make-RET670).
- Testing & Commissioning of BCU relay & Over-current and Earth fault relay (Siemens make -7VK611).
- Testing of Main relays REC 670, 7SD522, P142 & Testing of Transformer protection panel relay 7SJ61.
- Scheme checking inn Line Protection, Transformer Protection ABTS, ACCS, Low Impedance Bus bar protection

Factory Acceptance Test

- FAT of Line Protection relay panels (Areva make Micom P546)
- FAT of Capacitor bank Protection (SEL 487V, GE make C70)
- FAT of Bay controller in ABTS panels (ABB make –RE C670)
- FAT of UVI relay, Auxiliary relay & FFR (Areva make- MVAX11, MVAX12, MVAX13)

Cable Termination

- Desired performance and full benefits of innovative switch gear would not be achieved without healthy cable termination.
- Under Ground HT, LT and Control Cables Laying Jointing, Termination for PVC, XLPE and Lead covered, MICC Cables Single and Double Compression Glanding and Termination. U.G Cables Route Locating, Fault Finding and Rectification.
- Cable Clamping
- Cable Routing
- Cable boot Assembly

TRAINING & SEMINARS

INTERNEE ELECTRICAL ENGINEER

- **PEPCO (Pakistan)** National Transmission & Dispatch Company Ltd.
- Four week Internship at 500KV Grid Station NTDC Guddu.
- **Guddu Thermal Power Plant (GENCO-II)**
- Three weeks Internship program for Familiarization to Combine Cycle Power Plant Operations and maintenance.
- One Day Workshop on “**Thesis Writing and Communication Skills**”
- One-Day Workshop on “**Modern Trends in Communication Technologies**”
- One Day Student Seminar on “**Electrical Energy Management Issues, Causes and Possible options to reduce Energy gap.**”
- Participated in **Recruitment Conference 2010 at SZABIST**, Karachi.

ACADEMICS QUALIFICATIONS AND CERTIFICATION

Bachelor of Engineering (Electrical)

Member Pakistan Engineering Council as Electrical Engineer (**Reg. ELECT/31891**)

Member Saudi Council of Engineering (**Reg.296221**) Valid up to 22/6/2019.

SOFTWARE SKILLS

Software's: MATLAB, PLC,
Operational system: MS windows, 2000, Xp, Vista, 7
Computer skills: MS Office, Word Excel, Power Point
Others: Effective presentation and communication skills.

REFERENCE

May be furnished on demand.