

MUZMMAL HUSSAIN

Cell #: +92-347-6470092,

Whatsapp: +92-345-4770246

Email: muzammal156@gmail.com



Career Objectives:

I am very interested in working at a challenging position in a well reputed organization where I can implement my professional skills for the organization's development.

Experience

Power Plant of Nishat Hotels & Properties Ltd (Emporium Mall 14.6 MW)

Designation: Assistant Engineer (E&I)

Period: June 06, 2016 to till now.



Plant Data:

- **Wartsila 9L34DF (3.8 MW) x 02**
- **CAT C175 (2.4 MW) x 02**
- **CAT 3512 (1.2 MW) x 01**
- **CAT C18 (508 KW) x 02**
- **Waste Heat Recovery Boiler (WHRB) 5.5 Ton**

Responsibilities:

- *Operation and maintenance of MCS (Master Control System) of Emporium Mall.*
- *To attend the meeting with contractors for plant development, technical reports, breakdown analysis and final punch lists.*
- *Assisted by Project Manager for work planning, material spare parts ordering, maintenance job procedures and scheduling.*
- *Installation & Commissioning of Wartsila Gensets (UNIC C3) and Caterpillar.*
- *Online the VFDs, Protection Relays and auxiliaries to update & take comparison of the data.*
- *LV and MV Panels MCC Panels*
- *Hi-pot and megger testing of power cables*
- *Working on 11 KV Protection Switch Gear Panels.*
- *Routine & preventive maintenance of electrical equipments.*
- *Inspect the generator components like space heaters, windings, CTs, PTs, Bridge rectifiers and also test the winding insulation by Meggar*
- *Installation & trouble shooting of instruments PT100, Pressure Transmitters, switches, level transmitters, switches and solenoid valves etc.*
- *Calibration and maintenance of different instruments namely pressure, Level, Flow, Temperature, pneumatic Control valve, MOV, Double acting actuator positioner, shutoff valve.*

- *Perform Loop checking, function logic testing, Cause and Effect Testing and Sequence checking according with project documents and approved control narrative.*
- *VFDs operation, troubleshooting*
- *Maintenance of Lube oil purifier*
- *Preparing punch lists and its rectification as per standard specification*
- *NGR / NGS Panel*
- *Configuration and testing of engine mounted control panel*
- *Configuration and testing of protection relays*
- *Commissioning of alternator's sensor and insulation testing of windings*
- *Maintenance and inspection of NGR (Neutral Ground Resistor)*
- *Drawings study such as Schematic and wiring diagrams, Cable Layout and Routing diagrams, Logic Loop diagrams, termination drawings and P & ID diagrams*
- *Instrumentation of power house*
- *Daily maintaining the production and technical reports*
- *Maintenance of components & instruments of WHRB*

Ghazi Power Plant (Private) Ltd (21.2 MW)

46 KM Multan Rd, Lahore Pakistan

Designation: Electrical Foreman

Period: November 04, 2014 to June 05, 2016.

Plant Data:

- **MAN B&W 18v28/32s (4.0 MW) x 02**
- **GE-JENBACHER 620 (3.0 MW) x 04**
- **CAT 3512 (1.2 MW) x 01**
- **Waste Heat Recovery Boiler (WHRB) 6 Ton**

Responsibilities:

- *Supervised the erection & Commissioning Phases.*
- *Laying the cable trays*
- *Laying & Testing of Cables for HV, LV & Control*
- *Installation of Fixtures.*
- *Installation of different types of Earthing (grounding) system & Testing*
- *Due to having a strong grip of reading the electrical drawings it's very easy for me to troubleshoot the problems and install the components.*
- *Worked on 11 KV Protection Switch Gear Panels.*
- *Modifying the Protection Panels and adjust the CTs, PTs and Bus Bars as the right place for getting the required result.*
- *Estimate the electrical components*
- *Laying and sizing the cable trays and cables for HT and LT*
- *Lube oil purifiers and H.F.O purifiers made by Alfa level*
- *Meggaring of Motors, Generator and Transformers*
- *Installed the 1000 KVA Transformer*
- *Inspect the generator components like space heaters, windings, CTs, PTs, Bridge rectifiers and also test the winding insulation by Meggar*



- *Install the PT100, Pressure Transmitters, switches, level transmitters, switches and solenoid valves*

Bindawood Group of Companies Ltd

Kingdom of Saudi Arabia

Designation: Electrical Engineer

Period: April 04, 2012 till September 09, 2014



Responsibilities:

- *Erection of Branch at Jabal-e-Umar project in Makkah*
- *Supervised the Warehouse wiring project Bahra, Jeddah(Power cable network & Distribution Board Installation)*
- *CCTV installation Avigilion American at several Branches.*
- *Maintain the UPS, Generators and ATS panels at 5 branches of Makkah.*

Ghazi Power Plant (Private) Ltd (36.0 MW)

46 KM Multan Rd, Lahore Pakistan

Designation: Electrical Supervisor

Period: September 14, 2009 till November 25, 2011



Plant Data:

- **CAT 3616 (3.8 MW) x 06**
- **GE-JENBACHER 620 (3.0 MW) x 04**
- **CAT 3512 (1.2 MW) x 01**
- **Waste Heat Recovery Boiler (WHRB) 6 Ton**

Responsibilities:

- *Maintenance of 11KV HV Switchgear with VCB (Incoming, Outgoing, Industrial, Consumer, Bus coupler, Metering panels.*
- *Routine testing of batteries and meggering the Earth pits of Plant.*
- *Routine Greasing of Generators and also changing the parts if necessary.*

Skills

- *Understanding of Electrical Plans, Schematic Diagrams and Control Circuits Diagram*
- *Troubleshooting Skill for medium and high voltage power generation and distribution system*
- *Testing the Bridge rectifiers CTs PTs and also changed them as per requirements.*
- *Good in multitasking and can handle multiple projects at a time*
- *HV, LV Panel Testing, Megger Test, Relays Testing*
- *Testing and commissioning of panels and buildings*

Computer Skills:

- *MS Office*
- *MS Windows*
- *Hardware Troubleshooting*
- *Internet Browsing*
- *Scanning & Printing*

Academic Qualification:

- **Bachelor of Technology (Hons) Electrical** 2011

CGPA: 3.1/3.5

Preston Institute of Management Science and Technology

- **Bachelor of Technology (Pass) Electrical** 2009

CGPA: 3.1/3.5

Preston Institute of Management Science and Technology

- **Diploma of Associate Engineer** 2007

Marks: 2567/3550

Okara Polytechnic Institute, Okaras

- **Matriculation (Science)** 2002

Marks: 365/850

Board of Intermediate & Secondary Education, Lahore

Personal Details:

Father's Name: Munawar Hussain

Date of Birth: October 25, 1986

Marital Status: Married

Nationality: Pakistani

Religion: Islam

NIC #: 35103-9558469-9

Passport #: **SA6894692**

Address: House # 49/8, Near Masjid Sartaj, Old Mandi Pattoki, Tehsil Pattoki, Distt Kasur