

Muhammad Imran Yousaf

Electrical Engineer

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PERSONAL PROFILE

Graduate in Electrical Engineering Technology with 12+ years of Power Plant experience, which includes erection and installation of field equipment, Pre-Commissioning, Commissioning, and operation & maintenance and field service activities. Proven expertise in managing complex projects, leading teams, and delivering results. Strong communication, troubleshooting, and resource management skills. Professional hands-on experience in Power Plants (225MW HUBCO Power plant, Atlas Power Limited 225 MW, 50 + 50 + 40MW power plants in Indonesia at different site locations and Captive power plants in the local industries in Pakistan); with the visionary aim to secure a challenging and rewarding position in world-renown organizations.

TRAINING AND CERTIFICATES

- Commissioning Basic 2 training and Qualification Exercise from MAN Energy Solutions Oberhausen Germany
- Compressor Control Training from MAN Energy Solutions Oberhausen Germany
- I & C basic training 1 and Qualification Exercise from MAN Energy Solutions Switzerland AG
- Swagelok training from MAN Energy Solutions Switzerland AG
- Piping System Training from MAN Energy Solutions Switzerland AG
- I & C from MAN Energy Solutions Switzerland AG
- Data Analysis Technique for effective decision-making from the Pakistan Institute of Management (PIM)
- MS Excel Basic to Intermediate Training

EMPLOYMENT HISTORY

1. Superintendent Engineer Electrical | MAN Energy Solutions Pakistan

May 2016 – Till Date

Working as a Superintendent Engineer Electrical with MAN Energy Solutions with the following key responsibilities:

- Coordinate and execute complex commissioning and service projects, leading a team while ensuring a high level of technical service for corporate clients.
- Perform maintenance, evaluation, servicing, and repair activities on MAN ES products and systems, adhering to quality policies and procedures from headquarters, both in the workshop and in the field worldwide.
- Plan, monitor, and track commissioning and service projects, ensuring the timely and economical completion of work to the highest technical standards.
- Supervise and plan the electrical installation, accept mechanic erection, coordinate site progress, and provide commissioning support for operating technology.
- Supervision of the electrical installation and personnel instruction of internal and external personnel.
- Support for ordering electrical installation work packages on site, including evaluation of supplier's quotations.
- Responsibility for installation and cabling of the electrical and I&C (Instrumentation and Control) plant equipment and systems.
- Interface between subcontractors (electrical installation) and project management.
- Provide detailed reporting on electrical installations, including progress reports, weekly updates, and monthly summaries.
- Coordination of quality actions of electrical installations and establishing standards such as test procedures, and quality checks in cooperation with the quality department.

Completed diverse projects including:

- Upgrade the control system from Turbolog SilverLine to Turbolog BlueLine² at PARCO, Muzaffargarh – Pakistan.
- Upgrade the control system from Siemens S7 417H to S7 410-5FH at Engro Fertilizers, Daharki - Pakistan
- MCC Saindak installation and commissioning of **25MW, 2x12V51/60DF** engines at Saindak Copper and Gold Mining Project, Baluchistan - Pakistan
- Installed 2x New ABB Alternators (**AMG 1600**) **23,035 kVA** at HUBCO/ Narowal Energy Ltd power plant. This includes lifting, rigging, placement on the foundation, and Genset alignment.
- Level 4 Major maintenance of 11x ABB Alternator (**AMG 1600**) **23,035 kVA** at 225MW HUBCO/ Narowal Energy Ltd.
- Rotor pole replacement activity of 1x ABB Alternator (**AMG 1600**) **23,035 kVA** at 225MW Atlas Power Plant.
- Installation and commissioning of **3.8 MW**, 2x9L21/31S Engines/ Generators at Novatex BOPET Power Plant Karachi – Pakistan.

- Installation and commissioning of **3.8 MW**, 2x9L21/31S Engines/ Generators at Getron Power Plant Karachi – Pakistan.
- Installation and commissioning of **5.7 MW**, 3x9L21/31S Engines/ Generators at Novatex, Karachi – Pakistan.
- Installation, and commissioning of **1.9 MW**, 1x9L21/31S Engines/ Generators at Artistic Milliners, Karachi – Pakistan.
- Erection, installation and commissioning support of **50MW**, 3x18V51/60 DF Engines/ Generators (Indonesia_P4 Sumbawa -Project) - Indonesia.
- Project close-out and Plant O&M support of **50MW**, 3x18V51/60 DF Engines/ Generators (Indonesia_P4 Bima -Project) - Indonesia.
- Project close-out and Plant O&M support of **40MW**, 4x12V51/60 DF Engines/ Generators (Indonesia_P4 Maumere - Project) - Indonesia.
- Small-bore power plant projects Barebone I & II, Installation, and commissioning of **3.8MW**, MAN 2x9L21/31 at Lake City Housing Society, Lahore – Pakistan.
- Installation, and commissioning of **3MW**, 2x MAN 5L27/38 Gensets at US Apparel, Lahore - Pakistan
- E & IC Basic Engineering of small-bore Genset for Minha Oil 1x9L21/31+1x18V28/32 **5.9MW** project with HSNDs, Lahore – Pakistan.
- SAMGAS Project, Installation, pre-commissioning, and provided commissioning support to MAN Oberhausen team during the commissioning of Steam Turbine + Two-Stage Radial Gear MAN Compressor at Fatima Fertilizer, Sadiqabad – Pakistan.
- Troubleshooting of Qadiperm MAN Gas Turbine, OGDCL Oil and Gas Field, Qadirpur.
- Upgrade the control system for the MAN Nitric acid train (IMMAXNO) from Turbogol SilverLine to BlueLine² at Fatima Fertilizer, Sadiqabad – Pakistan.

2. Electrical Supervisor | MAN Energy Solutions SE (Formerly: MAN Diesel & Turbo) Mar 2012 – Dec 2015

- 225MW HUBCO Narowal, 11x MAN 18V48/ 60B Engines/ Generators + 1 Steam Turbine in Combine Cycle.
- Managed Electrical aspects of the Turn-Key project at the HUBCO Power Plant.
- Handle and close out project punch list items.
- Administrate warranty claims and respond to them in a fast and professional way in line with the defined warranty handling process
- To qualify and quantify all the warranty claims that arise and ensure that the claims are genuine and are attended to with minimum downtime or inconvenience to the customer and in a cost-effective manner.
- To gather, compile, and organize all support data and technical information required to properly substantiate, submit, and recover warranty claims from OEMs and other service providers as the case may be.

3. E & I Commissioning Engineer | Metron International (Pvt.) Ltd. Jul 2011 – Jan 2012

- Managed commissioning for 7.74MW IPP Plant (6* CUMMINS DIESEL Engines + 6*1500KVA Transformers), Waste Water Treatment Plant, and Army headquarters projects in Afghanistan.
- Supervised cabling laying, termination, and testing of MV/LV, Control, and instruments.
- Conducted pre-commissioning and commissioning activities for power and wastewater plants.

4. E & I Supervisor | Flowtronix (Pvt.) Ltd. Jun 2009 – Jul 2011

- Managed erection, installation, and pre-commissioning and provided commissioning support of turnkey projects including HUBCO Power Plant (11x MAN 18V48/60B Engines/ Generator + 1 Steam Turbine) and Nishat Power Plant (11x Wartsila 18V46 Engines/ Generators + 1 Steam Turbine).

SKILLS

Project Management, Electrical Engineering, Pre-Commissioning & Commissioning, Troubleshooting & Maintenance, Instrumentation & Control Systems, Alternator Major (Level 4) Maintenance, Genset Alignment (Small bore and Large Bore Engines)

EDUCATION

B-Tech (Hons) Electrical
Preston University, Lahore – Pakistan

September 2013

PERSONAL DETAILS

- Nationality: Pakistani
- CNIC Number: 34602-1337517-1
- Marital Status: Married
- Passport Number: CB6915174 (valid up to APRIL 2034)

REFERENCES

- Available upon request.