

MD. IMDADUL HAQ

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CAREER OBJECTIVE

To take up a challenging career in your prestigious and esteemed organization, where my skills and abilities can be utilized and will grow along with the organization.

SPECIAL QUALIFICATION

Alternator (AVK 8.9 and 6.9 MW ABB 6.5MW and ABB 17 MW), Vasa 20V32, 18V32 and 18V46 Wartsila Engine, Rolls-Royce 40V16 Engine, HT and LT Panel, Siemens S7 PLC, Power Transformer (11/132 KV, 15KV/132KV and 11/33 KV), Speed sensor (Magnetic, Inductive, type), Temperature sensor (Thermocouple K, Pt-100), Pressure sensor (4-20mA), Frequency converter, Control valve (Numetric).

EMPLOYMENT HISTORY**1. Engineer, (Electrical Maintenance) (October 14, 2014 - Continuing)**

Employer: EnergyPac Power Generation Ltd.

Industry: Power Generation.

Location: 100MW, Gopalganj Power Plant, Gopalganj, Dhaka, Bangladesh

Designation: Engineer (Electrical Maintenance)

Department: Electrical Maintenance

Working Period: October 14, 2014 - Continuing

Engine Model: Rolls Royce 40V16

Major Responsibilities:

- Planing electrical maintenance work schedule and assign to specific perason as well as work with electrical maintenance team.
- Inspecon electrical or electronic failures of plant equipments.
- Prepare spare parts specification and cost, reports and design specifications for electrical and electronic systems and equipment.
- Observe operation and performance of electrical generation and distribution networks, electrical machineries and components.
- Modification and testing of electrical equipments.
- Lead and inspect technicians and others engineers.
- Comply with all maintenance procedures following ISO standard for environment, quality management system and occupational health & safety management system.
- Fault finding and take required actions when any fault occurs in different Systems/Components of Power Plant according to respective drawings such as Rolls Royce :B32:40 V16AH 2CD Engines & AVK 6.9 MW Alternators, 11KV Switchgear System, 415V Low Voltage Switchgear (which is equipped with different size Motor Control Unit, MCCB, MCB, Magnetic Contact).
- Troubleshooting when any kind of fault occurs in a system according to consider the characteristics of different type control devices, like: Speed sensor (Magnetic, Inductive, type), Temperature sensor (Thermocouple K, Pt-100, PT-1000), Pressure sensor (4-20mA), Frequency converter, Transducer (Voltage, current, frequency), Magnetic contact, Relay, Pressure switch, Level switch, Limit switch, etc.
- Scheduled & Unscheduled Maintenance work done of Rolls Royce :B32:40 V16AH 2CD DG sets,132 KV switchyard equipments, 11KV switchgear equipments, Low Voltage Switchgear Equipments, Power Transformer 11/132 KV, Station Transformer (11/0.415 KV), Current Transformer (CT)and Potential Transformer (PT).
- Troubleshooting & Schedule Maintenance of Control Voltage (24VDC & 110VDC) Battery and Battery charger Unit.
- Taking appropriate actions during system operational disturbance (say tripping of any generator, plant trip, malfunctions of auxiliaries etc.).
- Perform start up, shutdown and normal operation of Engine sets, auxiliaries and other power plant system / facilities such as Exhaust gas boiler, Auxiliary boiler Lube oil separator, High Fuel Oil separator, fuel change over, Booster unit, etc.
- Prepare monthly Maintenance Report, Maintenance Schedule, Reported to higher authority as according to company policy.
- To comply with safety regulations according to ISO procedures.

2. Senior Assistant Engineer, Maintenance (Electrical) (January 15, 2014 - October 14, 2014)

Employer: Khulna Power Company Limited (KPCL)

Industry: Power Generation.

Location: Khulna Power Company Limited (KPCL).

(110 MW barge mounted power plant, 115MW and 40MW rental power plant)

Khulna, Bangladesh

Designation: Senior Assistant Engineer (Electrical)

Department: Electrical Maintenance

Working Period: January 15, 2014 - October 14, 2014

Engine Model: W 20V32, 18V46, 18V32

3. Assistant Engineer, O & M (Electrical) (June 01, 2011 - January 14, 2014)

Employer: Wärtsilä Bangladesh Ltd.

A network branch of WÄRTSILÄ FINLAND OY.

Industry: Power Generation.

Location: WÄRTSILÄ BANGLADESH LTD.

(110 MW barge mounted power plant, 115MW and 40MW rental power plant)

Khulna, Bangladesh

Designation: Assistant Engineer (Electrical)

Department: Operation & Maintenance

Working Period: June 01, 2011 - January 14, 2014

Engine Model: W 20V32, 18V46, 18V32

Job Responsibilities:

- Take full responsibility of job execution as per assignment.
- Modification and testing of electrical equipments.
- Guiding and inspecting technicians and others engineers.
- Supervision the power plant electrical maintenance team as well as distribution of manpower as per work requests.
- Operation and maintenance of electrical generation and distribution networks, electrical machineries and components, instrumentation and control systems.
- To find out Fault and Troubleshoot when fault occurred in different System/Component of Power Plant according to respective drawings such as WÄRTSILÄ 20V32, 18V46 and 18V32 Engines & AVK 8.9 MW, ABB 17MW and ABB 6.5 MW Alternators, 11KV and 15KV Switchgear System, 415V Low Voltage Switchgear (which is equipped with different size Motor Control Unit, MCCB, MCB, Magnetic Contact).
- Find out faults and troubleshoot whendifferent kind of faults occur in a system according to consider the characteristic of different type control devices, like: Speed sensor (Magnetic, Inductive, type), Temperature sensor (Thermocouple K, Pt-100), Pressure sensor (4-20mA), Frequency converter, Transducer (Voltage, current, frequency), Magnetic contact, Relay, Pressure switch, Level switch, Limit switch, etc.
- Scheduled & Unscheduled Maintenance work done of WÄRTSILÄ 8.9 MW, 17MW and 6.5MW DG sets, 33 KV and 132 KV switchyard equipments, 11KV and 15KV switchgear equipments, Low Voltage Switchgear Equipment, Power Transformer 11/132 KV, 15KV/132KV and 11/33 KV (30/35 MVA, 20/25 MVA) and Station Transformer (11/0.415 KV).
- Maintenance of Control Voltage (24VDC & 110VDC) Battery and Battery charger Unit.
- Taking required actions during system operational disturbance such as tripping of any generator, plant trip, malfunctions of auxiliaries etc.
- Level 1, level 2 , level 3 and level 4 maintenance of electrical machineries.
- Modification and improving the plant system drawing concerning the matter of safety and easy way to operate the diesel engine power plant with parallel operation.
- Maintenance and operation the switchgear including power transformer, stationary transformer with protection CT and PT.
- Planing and preparing contract documents and evaluate tenders for construction or maintenance work.
- Prepare monthly Maintenance Report, Maintenance Schedule, Reported to higher authority as according to notice.
- To comply with safety regulations according to ISO procedures.

ACADEMIC CREDENTIALS

| Name of Examination | Name of Institute | Board/ University | Year of passing | Group/ Department | GPA/CGPA Obtained | Duration |
|---------------------|--|--|-----------------|---|-------------------------|----------|
| B.Sc Engineering | Khulna University of Engineering & Technology (KUET) | Khulna University of Engineering & Technology (KUET) | 2011 | Electrical and Electronic Engineering (EEE) | CGPA 3.20 (Out of 4.00) | 4 Years |
| H.S.C | Daulatpur College Khulna | Jessore | 2006 | Science | GPA 4.50 (Out of 5.00) | 2 Years |
| S.S.C | P.J.M High School Khulna | Jessore | 2004 | Science | GPA 4.44 (Out of 5.00) | 10 Years |

TRAINING SUMMARY

| Training Title | Topic | Institute | Country | Location | Year | Duration |
|--|--|--------------------------|------------|---------------------------------|------|----------|
| W46 Power Plant Operation and Maintenance (Electrical) | Power Plant Electrification, PLC, 18V46 Engine | Wartsila Bangladesh Ltd. | Bangladesh | KPCL 225 MW Power Plant, Khulna | 2011 | 5 Days |
| Training for Automation and Industrial Solution | Siemens PLC Training on S7-300 and SIMATIC S7 (ST-PRO1) | Siemens Bangladesh Ltd. | Bangladesh | Gulsan-1 Dhaka | 2011 | 8 Days |
| Industrial Training | Operation and maintenance of Tongi 80 MW Gas Turbine Power Station, BPDB | BPDB | Bangladesh | Tongi, Gazipur | 2010 | 6 Days |

PERSONAL DETAIL

Date of Birth : 18th July 1989
Gender : Male
Father's Name : Md. Altaf khan
Mother's Name : Mst. Mala Bibi
Nationality : Bangladeshi
Marital Status : Married
Religion : Islam
National ID No : 19894794511138248
Passport No : BB0130380
Blood Group : "O+" ve
Permanent Address : C/O: Md. Altaf Khan, Vill: Ramnagar, PO: Maheshpur,
PS: Bakerganj, Dist: Barisal, Country: Bangladesh

REFERENCES

| | <u>Reference: 01</u> | <u>Reference: 02</u> |
|--------------|---------------------------------------|---|
| Name | : Sah Mohammad Mahedi Raza | Md. Abed Ali Zamaddar |
| Organization | : Energypac Power Generation Limited | Khulna Power Company Limited |
| Designation | : Plant Manager | Senior Superintendent Engineer (Electrical) |
| Address | : 100MW Gopalganj Peaking Power Plant | Khulna Power Company Limited |
| Mobile | : +8801777798853 | +8801955569413 |
| E-Mail | : mahediraza.pgd@energypac.com | abed.zamaddar@khulnapower.com |
| Relation | : Professional | Professional |

I, hereby, declare that the information stated is correct to the best of my concern.



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Md. Imdadul Haq