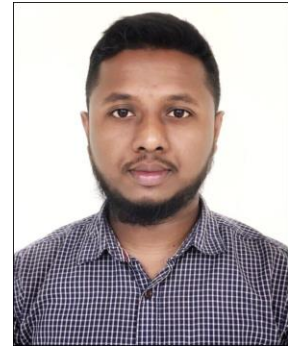


Engr. Md. Al-Amin Shawon

GPH Ispat Limited (New Project)
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Career Objective

To take the challenges with sincerity and devotion for personal growth as well as to fully utilize merit, educational qualification and skills towards achieving company goals.

Career Summary

- ❖ Graduated in Electrical & Electronic Engineering from AIUB in 2015. MBA from Army-IBA, BUP 2018.
- ❖ 7 + years working experience on maintenance department on 3 renowned group of companies including Steel industries, PVC plant and Garments industries.
- ❖ Erection & Commissioning work of PLC Controlled PVC Machineries- Pipe Extruder, Sheet Extruder, Injection Molding, Crusher, Overhead Cranes, DCS Material handling system.
- ❖ Expert on new project work completing by proper work planning including design, drawing, Load estimation, BOQ, CS preparation and sourcing and team leading as Project Leader.
- ❖ Associate member of The Institution of Engineers, Bangladesh (**IEB-A23506**)

Employment History

1) Engineer (Electrical) (16th October, 2021 – Continuing)

Institute Name: **GPH Ispat Limited**
Address : Masjiddah, Kumira, Sitakunda, Chattogram
Department : Electrical Maintenance

Responsibilities:

- Working as a shift in-charge at Continuous Casting Machine (CCM) & Water Treatment Plant (WTP) for ensuring smooth operation.
- Handling Preventive, Corrective & Breakdown Maintenance of all CCM & WTP all equipment's & take necessary actions to minimize electrical loss time.
- Identifying machine problems using PLC software- Simatic manager step 7, IBA analysis. And also troubleshooting SIEMENS S7-300 & 400 PLC based automation system.
- Installing different types of electrical machines and equipment such as AC Drives, DBR, ISU, Brake module, Transmitter & Receiver module, Motor, Flow meter, level sensors etc.
- Working knowledge on ABB ACS 880 series Drive, Drive composer pro-2.4, uploading, downloading parameters.
- Troubleshooting of magnet, hydraulic control valve & motor, sensors, thermocouple, pressure switch & transmitter, photocell, proximity, limit switch, encoder, relay, Load cell etc.
- Check all the electrical parameters of EOT Cranes for smooth working of the plant and take corrective action if any deviation found.
- Ensure planned maintenance of Level-1 & Level-2 Server.
- Find out the root cause and prepare alternative suggestions, modifications to solve it & ensure trouble shooting.

- Ensure that Preventive maintenance is done as per schedule decided. Discussion with shift personnel about the performance and productivity of machines.
- Document and prepare daily progress reports, schedule maintenance reports and maintenance logs.
- Follow up safety related tasks like PPE (Personal protective Equipment), work permit, ensuring safe environment, safety talk at the beginning of the shift.
- Maintaining proper inventory of spare parts through SAP Software.

2) **Assistant Engineer (Electrical In-charge) (24th November, 2018 – 15th October, 2021)**

Institute Name: **Akij Plastics Limited.** (A unit of Akij Group)

Address : Akij Economic Zone, Raymoni, Trishal, Mymensingh

Department : Electrical Maintenance

Responsibilities:

- Successfully erected and commissioned of 1st ever PVC Extruder, Co-Extruder, Sheet Extruder, Co-Extruder & Injection molding, Pelletizer Machine (Kraussmaffei -Germany) in Bangladesh, Crusher, Slotting machine, Chiller, Compressor etc.
- Plan, organize, coordinate and execute all the electrical equipment's Transformer, BBT, LT Switchgear, HT Switchgear, MDB, PFI Panel erection & commissioning work of new plant.
- Maintenance & Troubleshooting of the PVC Extruder, Co-Extruder, Sheet Extruder, Co-Extruder & Injection molding, Pelletizer Machine, Plant Automation systems such as Drives, PLC, HMI, SCADA etc.
- Troubleshooting of PLC controlled machine (SIMATIC ET 200SP, ET200S, B&R), HMI, Schneider Citect SCADA system.
- Troubleshooting of all kind of Load cell, Load cell calibration, VFD, Servo Drive, Induction motor, Servo Motor, Encoder, Sensors, Soft Starter, Star-Delta panel etc.
- SCADA, DCS, CCS, PCS system monitoring, maintenance & also troubleshooting for material handling system (PRASAD & Zeppelin Germany).
- Ensure schedule maintenance, preventive maintenance of all machineries and maintain proper documents.
- Ensuring the whole plant's Electrical Safety. Conduct Safety Meeting at the start of the work.
- Preparing BOQ, Technical CS for all electrical fabrication works/equipment's related to the plant.
- Keep up-to-date documentation of all machinery according to SOP.
- Working knowledge on process and instrumentation diagram (P&ID) & single line diagram (SLD).
- Preparing yearly maintenance budget, maintaining spare parts safety stock and running the whole plant maintenance activities in a cost-effective way.
- Working knowledge on Lighting Protection System (LPS), Factory lighting system etc.
- Conduct factory inspection for electrical equipment's quality check.

3) **Service Engineer (Electrical) (3th April, 2016 – 22th November, 2018)**

Institute Name: **Aamra Resources Limited.** (A unit of Aamra Companies)

Address : BTA Tower (10th Floor), Banani C/A, Dhaka-1213.

Department : Service (Garments Machineries)

Responsibilities:

- Erection & Commissioning work of all types Washing machineries- Front Loading, Belly Type, Hydro extractor, Dryer-Gas/Steam, all type Fusing machineries- weave/knit,
- Responsible for all tasks related with service, Troubleshooting & Maintenance of heavy industrial washing, boiler, and compressor, dryer, hydro, finishing & auxiliary machineries.
- Troubleshooting of PLC (MITSUBISHI), Inverter (Schneider).

- Troubleshooting of thermostat, circuit breaker, relay, HMI Display, Power supply, Power supply Unit, water flow meter, Heater, servo motor which are related to apparel machineries.
- Troubleshooting of Pneumatic Solenoid Valve, steam trap, hydraulic pump etc. which are related to apparel machineries.
- Prepare a visit report for each factory visit & diagnose and analyze faulty electronic equipment.

Academic Qualification

Exam Title	Subject	Institute	Result	Pas. Year	Duration
Master of Business Administration (MBA)	Human resource management	Army Institute of Business Administration (AIBA), Under BUP	CGPA: 3.42 out of 4	2018	2 Years
Bachelor of Science (B.Sc.)	Electrical & Electronic Engineering (EEE)	American International University-Bangladesh (AIUB)	CGPA: 3.29 out of 4	2015	5 Years
H.S.C.	Science	B.P.A.T.C school and college (Dhaka)	CGPA: 4.10 out of 5	2011	2 years
S.S.C.	Science	B.P.A.T.C school and college (Dhaka)	CGPA: 4.88 out of 5	2009	10 years

Reference's

Md. Shamimuzzaman Sr. Manager Of Maintenance (Electrical) GPH Ispat Limited Masjiddah, Kumira, Sitakunda, Chattogram E-mail: md.shamimuzzaman@gphispat.com.bd Mobile:+8801732885508	Md. Shariful Islam AGM, Production Akij Plastics Ltd. (A unit of Akij Group) Akij Economic Zone, Trishal, Mymensingh E-mail: shariful.apfl@akij.net Mobile:+8801747473585
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Certification

I hereby declare that all the details mentioned above are my own and true to the best of my knowledge.

Signature:

