



Md. Aktaruzzaman

M.Sc. Applied Physics and Electronics (JU)
Electrical Supervisor License Grade: ABC.
Jr. Executive, Electrical Maintenance



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Career Objective:

To be an Asst. manager/manager maintenance position in any fast growing local or multinational company with immense responsibilities motivated to offer the highest quality of services with a complete focus on safety environment and health issue. Work as **executive engineer electrical maintenance** at New Zealand dairy products BD Ltd. **ISO 22000:2005 & ISO 45001:2018** certified company.

Career Summary:

Ingenious and determined electrical engineering with over 10 years of experience, estimating and load calculation, Electrical controlling system problem finding and solving expertise of utility (**HVAC, AC, Chiller, WTP, Boiler, Air Compressor and diesel generator, fire alarm system**) and process machinery **noodles, biscuits, crackers, wafer biscuits, butter oil line, Injection molding, blow filmmaking, flexible printing, lamination, slitting, re-winding machine**, Skilled in building cross-functional teams demonstrating exceptional communication skills, and making critical decisions during challenges.



New Zealand Dairy Products Bangladesh Ltd.

Location: (Vulta, Rupgonj, Narayanganj).

Position: Jr. Executive, Electrical Maintenance.

Duration: July 2019 to till date.

Employment history:

Total Experience: 10 years.

Project management & plant installation experience:

- Electro-mechanical installation, testing and commissioning work of **Biscuit plant** machineries HASS-MEINCKE, Denmark & Austria. BOSCH India and Brazil. Silo system Miranda automation, India.
- Electro-mechanical installation, testing and commissioning work of **Flat and Stick Wafer plant** machineries FRANZ-HASS, Austria. BOSCH, India. NP& company Inc, Japan.
- Electro-mechanical installation, testing and commissioning work of **Instant and Stick Noodles plants** machineries widen precision machinery co ltd, Taiwan.
- Electro-mechanical installation, testing and commissioning work of **Chips plant** machineries NP& company Inc, Japan. Seng-Din, Taiwan.
- Electro-mechanical installation, testing and commissioning work of **Intellectual high viscosity butter oil filling machineries**, Zungwan packaging machinery, Wenzhou, china.
- Electro-mechanical installation, testing and commissioning work of
- Electro-mechanical installation, testing and commissioning work of **CPP film extruding machine** Colines machinery Inc. Italy.

Key Achievements:

- Developed and implemented new procedures/systems SOPs, Check List, Maintenance Schedule, EHS and OHSMS documents etc.

Area of Expertise:

- Erection, Installation and commissioning of electromechanical machinery.
- Project works of electrical mechanical design estimating planning and costing.
- Electro-mechanical troubleshooting & maintenance.
- Root cause analysis.
- Faults finding diagnosis and troubleshooting of electromechanical.
- Capable of Complex Problem solving.
- Power system installation and protection.

Personal Attributes:

- Initiative.
- Motivation.
- Engagement.
- Positivity.
- Self-awareness.
- Ability to work independently.
- Work ethic

Technical Skills:

- Interpersonal skills.
- Management and organizational skills.
- Project management.
- Teamwork skills.
- Analytical and critical thinking skills.
- Presentation skills.
- Enthusiasm for learning.

Duty/ Responsibilities:

- Prepare maintenance schedule, check list and ensure routine maintenance as per schedule.
- Diagnosis breakdown of machineries to rectify and reduce production breakdown by taking preventive measures as well as reduce maintenance cost.
- Ensure the utility e.g. **Electricity, Steam, Compressed air, Gas, Pure water, Soft water, N2 etc.** by ensuring effective maintenance support of the relevant machineries.
- Ensure effective **preventive and Breakdown maintenance** as per maintenance SOP and checklist.
- Prepare monthly spare parts consumption report, utility consumption report, utility cost report and monthly maintenance report.
- Ensure the proper Operation & Maintenance of **HVAC, Split type AC, Floor type AC, Cassette type AC etc. and gas generator, Boiler, Air compressor, WTP, Lift.**
- Supervise and guide the all Maintenance Engineers, Supervisor/ Foreman, Technician to improve skills and technical knowledge.
- Ensure maintenance of **Fire Fighting Equipment and Fire Hydrant system.**
- Ensure compliance with health and safety regulations of relevant concern.
- Perform any other lawful assignment given by the Competent Management on emergency requirement basis.



New Zealand Dairy Products Bangladesh Ltd.

Location: (Vulta, Rupgonj, Narayanganj).

Position: Maintenance Engineering Electrical.

Duration: Dec 2013 to Jun 2019.

Duty/ Responsibilities:

- Prepare maintenance schedule, Check list and ensure maintenance as per schedule.
- Planning and undertaking scheduled maintenance.
- Responding to breakdowns and diagnosing faults.
- Supervising engineering and technical staff.
- Obtaining specialist components, fixtures or fittings.
- Electro-Mechanical Installation of **Noodles Plant, Chips plant, Boiler, Gas Generator, Air compressor, Air conditioner, HVAC system, Lift, WTP etc.**
- Operation & Maintenance of HVAC, Split type AC, Floor type AC, Cassette type AC etc. and gas generator. Boiler. Air compressor.

Leadership skills:

- Class representative university and college.
- Even management organizes (picnic and tour).

Computer Skills:

- MS Word
- MS Excel
- Power Pint
- Auto CAD 2D
- Photoshop.
- Illustrator.

Language Proficiency:

- English
- Hindi
- Bengali native.

Hobbies and interests:

- Photography.
- Traveling.
- Playing chess and solving puzzle games.

Personal Information:

Date of Birth: 1st of January 1990.

Marital Status: Married. Nationality: Bangladeshi.

National ID: 19904413394479158.

Permanent Address: Ektarpur, Aligonj-7350, Kaligonj, Jhenaidha.



The Merchants Ltd

Location: A-99, BSCIC, Tongi, Gazipur.

Position: Factory maintenance engineer.

Duration: Jan 2012 to Nov 2013.

Duty/ Responsibilities:

- Prepared yearly monthly maintenance schedule of utility and production machinery.
- Perform schedule and breakdown maintenance of utility and process machinery i.e. **boiler, diesel generator, chiller, air compressor, flexible printing machine (4, 7, 8 and 10 color)**, lamination machine, slitting machine, rewinding machine, vacuum metalize machine, blow filmmaking machine.



Bengal Plastic Industries Ltd unit #03 (Bengal Group)

Location: Zerabo, Ashulia, Savar, Dhaka.

Position: Sub-Asst. Engineer Electrical.

Duration: Jan 2010 to Dec 2011.

Duty/ Responsibilities:

- Daily checked and lock book writing of utility machinery chiller, cooling tower, air conditioner, air compressor, fire hydrant system.
- Schedule and breakdown maintenance injection molding machine, blow filmmaking, pvc pipe extrusion machine.
- Operation and maintenance 6MW Waukesha gas generator power plant.

Educational Qualifications:



Masters of Science (M.Sc.)

Enrolled.

Institution : Jahangirnagar University, Savar, Dhaka.

Subject : Applied Physics and Electronics.



Bachelors of Science (B.Sc.)

2019

Institution : Fareast International University, Dhaka.

Subject : Electrical and Electronic Engineering (EEE).

Result : CGPA 3.53 (Out of 4).



Diploma in Electrical Engineering

2009

Institution : Kushtia Polytechnic Institute, Kushtia.

Subject : Electrical Technology.

Results : CGPA 3.39 (Out of 4).



Secondary School Certificate (SSC-Voc).

2005

Institution : Govt. Naldanga Bhushan Pilot High School.

Subject : Building Maintenance.

Results : GPA 4.14 (Out of 5).

Reference -1

Mr. Md. Salehin Ferdous Kader
Assistant Professor & Department
Head.
Department of EEE
Fareast International University.
House # 50, Road # 11, Block-C,
Dhaka 1213.

Reference -2

Name: Asadullah
Chief Engineer,
PRAN-RFL Group (RFL Center).
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min06@rflgroupbd.com

Training & Workshop:

- Training on “**GMP**” from SGS Bangladesh Ltd in 2020, Duration 2 days.
- Training on “**First Aid Cardio Pulmonary Respiratory Treatment**” from ITC International Ltd in 2019, duration 1 day.
- Training on “**Evacuation drill, fire prevention theory and practical firefighting basic course**” from ITC international Ltd in 2019, duration 1 day.
- **ISO 45001:2018** awareness on Occupational health and safety management system “**5S method and housekeeping**” from ITC international Ltd in 2019, duration 1 day.
- Occupational health and safety management system (**ISO 45001:2018**) “**Internal audit course**” from SGS Bangladesh Ltd in 2018, duration 2 days.
- Training on “**Industrial motor problem and remedies**” from training institute for chemical industries (TICI) in 2016, duration 15 days.
- Training on “**Computer operation and maintenance**” from Jessore technical training center in 2015 duration 6 month.

Declaration: Do hereby confirm that the information given above is true to the best of my acknowledgement.

Signature



Md.Aktaruzzaman