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## **ENGR. MD. FERDAUS JAMAN**

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### **Career Objective:**

To develop my career in a dynamic and progressive organization and I would like to work in a good environment whereas sincerity, creativity and motivation laid to build up my competence.

### **Career Summary:**

I have a Potential bright & proactive minded person with good Interpersonal and communication skill, willingness to work under challenging environment confidently.

### **Special Qualification:**

• Electrical and Fire Safety Condition Assessment as per NFPA, BNBC-2006, Accord, Alliance Standard, Electrical Rule-1937, NFPA, OSHA, ASTM, etc.  
• Strong Knowledge on Microsoft office, Auto Cad, Computer Hardware, Software.

### **Employment History:**

**Total Year of Experience : 9.8 Year(s)**

#### **1. Fire Safety Engineer ( June 11, 2015 - Continuing)**

##### **Stichting Bangladesh Accord Foundation**

Company Location : Floor-12, AJ Heights, Cha-72/1/D, Pragati Sarani, Uttar Badda, Dhaka, Bangladesh.

Department: Fire Safety

##### **Duties/Responsibilities:**

- i Conduct factory inspections in accordance with the Accord standard;
- ii Produce inspection reports in accordance with Accord protocols;
- iii Provide engineering support to factory, worker, and brand representatives;
- iii. Ensure proper installation and design of Fire detection and Firefighting system as per Accord and NFPA Standard.
- iv. Reviewing Fire Alarm & Fire Fighting System designs as per relevant codes and standards.

#### **2. Sr. Engineer (Assessor- Electrical and Fire Safety) ( March 1, 2014 - June 11, 2015)**

**BD Technology Ltd. (Alliance Nominated Firm)**

Company Location : House N0-02, 15 Baily Road, Dhaka-1000, Bangladesh.

Department: Electrical & Fire Safety

**Duties/Responsibilities:**

**Fire Safety:**

Physical inspection of Automatic Sprinkler System, Automatic Suppression System, Stand Pipe & Hose System, Fire Pump & Fire Hydrant System, Water Supply & Storage System, Fire Alarm & Detection System, Fire Extinguisher, PA System, Fire Control Unit, Emergency Lighting System, Emergency Power Supply System, Emergency Exit System, Evacuation Plans & Maps, Means of Egress, Exit Signs, Stairs, Doors, Fire Doors, etc.

Inspection, Testing, Maintenance Records of Automatic Sprinkler System, Stand Pipe & Hose System, Fire Pump & Fire Hydrant System, Water Supply & Storage System, Fire Alarm & Detection System, Fire Extinguisher, PA System, Emergency Lighting System, Emergency Power Supply System, Emergency Exit System, Fire Doors.

Review Documents of Architectural Drawings, Fire Safety Design, Fire Department Pre-planning, Fire Drills, Licenses & Permits (Fire, Boiler, etc), People Trained & Certified in Fire Fighting, First Aid, and Rescue Training by appropriate Authority of a facility.

Inspection, Surveying & Data collection and Prepare a detail report on the assessment of a facility including a corrective action plan (CAP) according to require standard (I.e.BNBC-2006, Accord, Alliance Standard, Electrical Rule-1937, NFPA, OSHA, ASTM, etc).

**Electrical Safety:**

Physical inspection in a facility to Identify Electrical Hazards (shock, fire, explosion, overloading) and to Suggest Electrical Safety Solutions.

To Identify areas of Overloading by carrying out load current measurements and compared against cable current carrying capacity calculation.

Hotspot detection using Thermal Imager.

Assess the integrity of insulation of cables by carrying out insulation resistance test.

Inspection, Surveying & Data collection of Power Distribution Network, Cable Management System, and Cable & Wire size, Motor Control & Protection System, Pump Control & Protection System, Power Generation System (diesel), Load Transfer Mechanism, Electrical Protection System, Lighting Protection System (need adequacy, installation & maintenance).

Review Documents of Electrical SLD, Earthing System (Installation & Maintenance aspects.)

Prepare a detail report on the assessment of a facility including a corrective action plan (CAP) according to require standard (I.e.BNBC-2006, Accord, Alliance Standard, Electrical Rule-1937, NFPA, OSHA, ASTM, etc).

**3. Industrial Surveyor (Electrical Engineer) ( May 26, 2013 - February 27, 2014)**

**Bureau Veritas (Bangladesh) Private Limited**

Company Location : Haque Chamber (6th Floor), 89/2, West Panthopath

Department: Industry and Facility

**Duties/Responsibilities:**

Tire-1, Deep Drive, Follow-up Audit of a Factory's Generator, Substation, Transformer, HT Panel, LT Panel, MDB, DB, SDB, Switch Board, Generator to floor Levels all Kind of Electrical Machineries and Circuits Connecting Electrical Loads and its Safety According to BNBC-2006, BD ELECTRICITY RULES 1937, NFPA 70 and prepare a details report According to BNBC-2006, BS, BD ELECTRICITY RULES 1937, NFPA-70.

Industrial Inspection for Electrical Safety assessment, Electrical Hazards and Fire Safety. Proficient and safe use of hand tools and test equipment. Operational knowledge with processing facility.

Carry out and record all preventive maintenance checks and report any abnormalities, taking immediate action when necessary.

Contribute ideas to improve overall operational efficiency and safety systems.

Hotspot detection using thermal imager.

Check all section tools and equipment according to BNBC and manufacturer guidelines.

Responsibilities of all Electrical site inspection as per inspection test plan (ITP) and verify all equipment/material (Such as Transformer, switchgear, LT panel, DB, MDB, and Electrical equipments) verification in accordance to Data Sheet and vendor/manufacturing certificate & witnessing FAT (Factory Acceptance Tests of Electrical).

Checking and review the vendor documents (datasheet, calibration and certificate) for electrical equipments.

Responsible to inspection, testing and analysis of Electrical fabrication, construction and installation work perform by contractors/sub-contractors in order to confirm that the applicable rules, code and standard (Bangladesh National Building Code-BNBC-2006, Bangladesh Electric Rules-1937, and National fire protection association-NFPA, Electrical wiring NFPA-70, American Society for Testing and Materials-ASTM) are being meet and that the project requirements on the design drawing/specification.(such as Electrical Support fabrication/installation, cable Tray/ladder installation, Equipment/JBs/Lighting installation, pulling cable and termination).

Design & Review drawing of Electrical Signal line diagram (SLD) from Generator/Transformer to LT, MDB, DB and Connected load.

Responsibility to check and measure the On loading measurement (Measuring voltage, current, power, cable size in each breaker to know the present condition of a system) and off loading measurement (Performing earth resistance measurement and Testing of insulation and leakage current of power cables) from Generator/Substation to DB and connected load.

Analysis the different temperature by scanner at various hot spot of electrical equipment to find out the fault and abnormality.

To make the report for as well as the whole survey and performing documentation.

Responsibility to Complete the Electrical CAP & Verification work according electrical code.

To ensure the maximum safety of an industry by identifying and removing any electrical hazard.

**4. Technical Support Engineer. ( February 20, 2011 - May 25, 2013)****Banglalion Communications Limited (BCL)**

Company Location : Silver Tower, Gulshan-1, Dhaka-1212.

Department: Technical Support

**Duties/Responsibilities:**

• Configure & Troubleshoot LAN, WAN, TCP, FTP, IP Network, DNS, Proxy, Firewall, SMTP Server problem & any kind of Wireless Device

• Configure & Monitoring Wireless Network Like different Vendor & Achieve Customer satisfaction.

• Prepare Daily, weekly and Monthly report to the line manager.

## 5. Project Engineer ( February 2, 2009 - February 18, 2011)

### **Concept Elevators and Engineering Limited**

Company Location : Dhanmondi, Dhaka-1209.

Department: Installetion

#### **Duties/Responsibilities:**

Installation, Commissioning, maintenance of machinery, troubleshooting Generator, Lift, Escalator and lead a project, to lead crews and coordinate with management effectively and achieve customer satisfaction.

### **Academic Qualification:**

Exam Title	Concentration/Major	Institute	Result	Pas.Year	Duration
B.Sc. in Electrical & Electronic Engineering (EEE)	Electrical & Electronic Engineering	United International University	CGPA:2.73 out of 4	2010	4 Years
HSC	Science	Urea Sar Karkhana College	CGPA:3.3 out of 5	2005	2 Years
SSC	Science	U. A. K. High School	CGPA:3.31 out of 5	2003	-

### **Training Summary:**

Training Title	Topic	Institute	Country	Location	Year	Duration
Fire Safety Management	Fire Triangle/ Tetrahedron, Sources of heat, Common causes of Fire, Types of Fire, Hazards of Fire, Different stages of fire, Fire prevention, Fire and Smoke Detection, Fire Alarm, Fire Extinguishing System, Use of Various types of Extinguishers, Responsibilities of Managements	Bureau Veritas (Bangladesh) Private Limited	Bangladesh	Dhaka	2014	2 Days
Electrical Safety for Electrical Safety Assessment	Hazards from Electricity, Injuries from electrical hazards, Electrical Shock and Fire Hazards, Ark blast hazards, Identification of electrical hazards at workplace, Risk Assessment, Safety measures for electrical safety assessment work, Emergency preparedness.	Bureau Veritas (Bangladesh) Private Limited	Bangladesh	Dhaka	2013	2 Days

### **Professional Qualification:**

Certification	Institute	Location	From	To
Electrical Supervisory Certificate	Electric License Board	Dhaka	December 21, 2014	December 21, 2014
LCMC- Leadership Certificate in Managerial Communication (Continuing)	MDP, IBA, DU	IBA, DU	November 1, 2014	February 7, 2015
Lead Auditor Course on ISO 14001:2004 (EMS)	Bureau Veritas	Dhaka	May 29, 2014	June 3, 2014

### **Career and Application Information:**

Looking For : Mid Level Job  
 Available For : Full Time  
 Expected Salary : Tk. 1  
 Preferred Job Category : Engineer/Architect, IT/Telecommunication  
 Preferred District : Anywhere in Bangladesh.  
 Preferred Organization :  
 Types

### **Language Proficiency:**

Language	Reading	Writing	Speaking
Bangla	High	High	High
English	High	High	High

### **Personal Details :**

Father"s Name : Md. Abdul Latif  
 Mother"s Name : Mst. Rehena Khatun  
 Date of Birth : June 9, 1988  
 Gender : Male  
 Marital Status : Unmarried  
 Nationality : Bangladeshi  
 Religion : Islam  
 Permanent Address : Village & Post Office: Mohishura, Thana: Dhunat, District:Bogra.  
 Current Location : Dhaka

### **Reference (s):**

	<b><u>Reference: 01</u></b>	<b><u>Reference: 02</u></b>
Name	: MD. FAYYAZ KHAN, PhD	MD. GOLAM KIBRIA
Organization	: United International University	Bureau Veritas (Bangladesh) Private Limited
Designation	: Professor	Country Manager
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Relation	: Professional	Professional