

PERSONAL INFORMATION

MD AKIK IBN HASAN



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Sex Male | Date of birth 2 Oct 1995 | Nationality Bangladeshi

STUDIES APPLIED FOR

Masters in Electrical Energy and Mobility System
&
Masters in Industrial Engineering and Management

WORK EXPERIENCE

06/12/2018–Present

ASSISTANT ELECTRICAL ENGINEER

CLC 108MW HFO POWER COMPANY LTD.
Rapa Plaza, 1 Rd No. 27, Dhaka, 1207 DHAKA (Bangladesh)
<https://maishagroup.com/business-units/power-sectors/clc-power-company-ltd/>

- ❖ Start, stop and operate engine from Genset Control Panel and from SCADA.
- ❖ Normalize the plant if trip or any electrical fault occurs.
- ❖ Responsible for operation of equipment such as Step Up Transformer (45000 KVA, 11 KV to 132 KV), Step Down Transformer (1250 KVA, 11KV to 0.4 KV), Relay panel, NGR, CT, PT, SF6, Isolator, Earth Switch, power surge/lightning protection system.
- ❖ Parameter checking, record keeping of substation, M.V panels and L.V panels. Change nominal TAP position depending as per grid voltage.
- ❖ If any fault occurs in substation or in the plant find out the problem and normalize the power plant immediately.
- ❖ Operate different pumps, motors and other auxiliaries on different purposes.
- ❖ Inspection of all electrical equipment and report to shift in charge and maintenance team if required.
- ❖ Operate MAN diesel engine manually if required.

Business or sector ELECTRICAL POWER GENERATION

EDUCATION AND TRAINING

01/07/2012–25/12/2016

Bachelor of science in Electrical and Electronics Engineering
American International University- Bangladesh, Dhaka (Bangladesh)
www.aiub.edu

- ❖ Electrical Power Transmission and Distribution
- ❖ Power Station
- ❖ Power System Analysis
- ❖ Power System Protection
- ❖ Electrical Machine (1&2)
- ❖ Electromagnetic Fields and Waves
- ❖ Basic Mechanical Engineering
- ❖ Control System

18/01/2020–22/01/2020 **Training program on Fire Fighting System (FFS), Fire Detection System (FDS) & Fire Safety Assessment (FSA)**
 Engineering Stuff College, IEB H/Q, Ramna, 1000 Dhaka (Bangladesh)
<https://www.esc-bd.org/>

25/04/2017–25/05/2017 **Certificate in Programming of PLC for Industrial Automation, Maintenance and Troubleshooting of PLC System**
 Engineering Stuff College, IEB H/Q, Ramna, 1000 Dhaka (Bangladesh)
<https://www.esc-bd.org/>

05/01/2010–18/07/2012 **Higher Secondary Certificate**
 Sirajganj Government College, Sirajganj (Bangladesh)

PERSONAL SKILLS

Mother tongue(s) Bengali

Foreign language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B2 | B2 | B2 | B2 | B2 |
| Hindi | C2 | C2 | C1 | C1 | A2 |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Communication skills I worked as a volunteer in JAAGO foundation to bring substantial improvement in the lives of disadvantaged people/children with special emphasis on their education and nourishment. I gained a great communication skill while working there.

- Job-related skills
- ❖ Good skills on inspection. (responsible for electrical equipment inspection).
 - ❖ Good in giving training. (responsible for training the new comer about electrical equipment)
 - ❖ Problem solving skill. (if any fault occurs in plant, I have the responsibility to normalize the problems)
 - ❖ Able to work effectively in team work.
 - ❖ Able to do work within allotted time.
 - ❖ Very fast on learning new technology.

Digital skills

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information processing | Communication | Content creation | Safety | Problem-solving |
| Proficient user | Proficient user | Independent user | Proficient user | Proficient user |

Digital skills - Self-assessment grid

- ❖ Pspice
- ❖ Proteus
- ❖ Arduino
- ❖ LOGO! Soft
- ❖ Microsoft Office (Word, Excel, PowerPoint)
- ❖ Photoshop
- ❖ Illustrator
- ❖ AutoCAD

ADDITIONAL INFORMATION

Projects Project and Thesis:

Arduino Based Home Automation System Controlled by Gsm.

Project description: Security is the main concern to us all. Everyone wants to live securely and to keep their things from various unwanted incidents. In this project work we explained how to control home appliances, safety and security system using GSM technology. This system allows the owner to control the appliances and to receive a feedback status of the home appliances by sending instructions in form of SMS.

Membership:

Member of The Institution of Engineers, Bangladesh

Membership No: A-19605