






MD. MIR SHAKIB AHMED

 July 01, 1992

 Islam

 Bangladeshi

 Married

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CONTACT

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North Mugda, Dhaka

Permanent Address:

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 mirsakib@hotmail.com

AREA OF EXPERTISE

- Piping Engineering, Welding
- Thermal Engineering
- Operation & Maintenance/ Project Designs
- Boiler, Chiller, Furnace, HVAC, Furnace Compressor, Cooling Tower Performance Assessment
- Project Management/ R&D
- Resource Efficient Cleaner Production "RECP"
- Resource & Energy Management
- Energy Efficiency & Energy Audit
- Material flow analysis, reduction in 3R (reduce, recycle and reuse)

CAREER PROFILE:

Mechanical Engineering graduate with significant professional more than 6 years' experience on Resource efficiency and cleaner production (RECP), sustainable Development in Energy Management, Waste Management, Materials Flow Analysis (MFA), Finding Energy Efficiency & Saving Opportunities from HVAC, Compressor, Boiler, Chiller, Furnace, Cooling tower, Steam system, even different process technologies. Professional history verify of technical position ensuring down to earth approach to project management, design, Piping Engineering, Cost analysis, Operation & Maintenance, Repair and Troubleshooting related issue of Steam line, Boiler and generator, HSE Trainer & Technical Sales.

JOB EXPERIENCE

Present-September 2016

Technical Consultant-Mechanical

 [Metabuild-Southasia](#)

European Union (Switch Asia programme-II) Implemented by Dhaka Chamber of Commerce and Industry. 65-66 DCCI, Motijheel C/A, Dhaka.

Project Partners: India, Nepal, Sri-Lanka, Austria, Germany & Bangladesh.

- Implementing Resource Efficient Cleaner Production (RECP) approach in more than 50 industries through Production Process Analysis and Resource & Energy Assessment to the factory.
- On Site Energy Assessment and Analysis data of Company with testing Equipment (Power logger, Flue gas analysis, Thermal Image camera, Lux Meter, IR Gun, Clamp meter) and Interacting with international experts & Making assessment report for the companies
- Perform Factory Assessment at different sectors of metal industries to observe resource efficiency and energy savings, like: Electricity, gas, raw material.
- Implementation of 3R (Reduce, Reuse and Recycle) for Resource management
- Measure efficiency of Boiler, Furnace, Compressor etc. (Heat loss, Fuel loss etc.)
- Follow the improvement options at SMEs as per the instructions from international and senior technical experts.
- Providing RECP&HSE training more than 50 people and internal workshop (machine maintenance, furnace maintenance, compressor maintenance, workers safety etc.) to various companies.

August 2016-May 2014

Mechanical Engineer (Planning & Project Operation)

Bicroon Limited, House-437(2nd Floor), Road-30, Mohakhali DOHS, Dhaka

- Implementing Piping Engineering (Sprinkler System, Hydrant System, Steam System, Compressed Air System, Water System)
- Planning and Designing P&ID Diagram of Fire and Steam system & various application of Piping
- Making Bill of Quantity of the Project and Cost analysis.
- Boiler/Generator Installation, Heat Exchanger Design Calculation and installation, Hot Water generation System and Water, Gas, Oil Flow networking
- Marketing and Technical Sales with collaborate customer.

December 2013-January 2013

Customer Service Executive

Robi Axiata Ltd., H-57, Gausul Azam Road, Sector-14, Uttara, Dhaka-1230

- Handle Technical Issue of Customer in Telecommunication.
- Maintains corporate report to corresponding Team Leader
- Handle Complain service management of Customer under CMS Application.
- VAS Promotion with Outbound Management.
- Identifying malfunctions and then carrying out repairs.

PROJECT ACCOMPLISH:

- Steam, Hot Water Generating system for Dyeing Project in Liberty Unit-2.
- Hot Water Generation, Project implementation, Steam line Piping in Rimi Holdings, Bitobi Group
- Hot Water Generation & Feed Water tank, Heat Exchanger Design & Installation- Tarasima Apparels, Bitopi Group
- Total Utility Planning for Washing, Project Design, B.O.Q & Cost Analysis-TNZ Group
- 1.5 Ton/H Coal Fired Boiler Installation in Ayesha Clothing, Palmal Group
- EBG Boiler Insulation. and Hot water tank Repair. Heat Exchanger installation.
- 1250 KVA Diesel Generator Major Overhauling at Bangla Cat workshop.

TRAINING & WORKSHOP

7 Days

Training of Trainers on RECP (Resource Efficient Cleaner Production) From the Energy Resource Institute (TERI-India) in Dhaka on 2018.

3 Days

Greening Supply Chain from Adelphi, Germany in Dhaka on 2018.

1 Day

Green Financing from Adelphi, Germany in Dhaka on 2018

7 Days

Training on Materials flow analysis From the AUSTRIA RECYCLING in Dhaka on 2017.

10 Days

Training of Trainers on RECP (Resource Efficient Cleaner Production) From the Energy Resource Institute (TERI-India) in Delhi on 2016.

2 Days

Training on Steam Principle from Armstrong International Private Limited in Dhaka on 2014

LANGUAGE SKILL

Highly proficient in listening, speaking, reading & writing in Bengali & English.

COMPUTER SKILLS

- Microsoft Office Packages
- MS Excel
- Auto CAD 2D & 3D
- SolidWorks
- Windows 7-10
- Linux
- Software installation & maintenance
- IOT

TECHNICAL SKILL

- Team Work
- Project Management
- Project Supervise
- Cost Analysis
- Bill of Quantity (B.O.Q)
- P&ID Designs
- Maintenance
- Technical Consultancy
- Trainer
- Develop Design Calculations
- Troubleshoot Equipment to Solve Problems
- Comfortable Writing Technical Reports

EDUCATIONAL QUALIFICATION:

Present

M.Sc. in Mechanical Engineering

Dhaka University of Engineering (DUET)
Appeared

2014

B.Sc. in Mechanical Engineering

International University of Business Agriculture & Technology (IUBAT)
GPA 3.36 (Out of 4.00)

2009

Higher Secondary Certificate (HSC) in Science

Ullahpara Science College, Ullahpara Sirajganj
GPA 3.60 (Out of 5.00), Rajshahi Board.

2007

Secondary School Certificate (SSC) in Science

Momena Ali Biggan School, Ullahpara, Sirajganj
GPA 4.94 (Out of 5.00), Rajshahi Board.

PROFESSIONAL QUALIFICATIONS

2019

7 Days

Energy Audit

Thermal & Electrical Audit, Energy Efficiency Evaluation
Sustainable and Renewable Energy Development Authority (SREDA)

2019

4 Months

Energy Management and Conversation

Energy Manager Module, Energy Efficiency
Bangladesh University of Professionals

2015

4 Months

Diploma in Auto CAD

Mechanical Designing, Modeling, Mold drafting, Solid-Works
CAD Core BD

2014

4 Months

Internships

Major overhauling and repair of gas generator.
Bangla Trac (Bangla CAT)

REFERENCES

A.H.M Rezaul Kabir, NDC

Secretary General,
Dhaka Chamber of Commerce and Industry
(Former Secretary
Government of the People's Republic of
Bangladesh, Department of Environment)
Contact number: +8801713204095
E-mail: secretary.general@dhakachamber.com

Lt (Retd) Nizhum Islam Nishi

Coordinator (Bangladesh)
Project Implementation & Management
Support, METABUILD
The Energy Research Institute (TERI-India).
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Declaration

I hereby confirm that the particulars and information above are true and correct to the best of my knowledge and belief nothing has been concealed.



[Shakib Ahmed](#)



[Shakib Ahmed](#)



live:mirsakib

Md. Mir Shakib Ahmed
Date- 11, December, 2019