



# DR. ENGR. MD. SAHEDUL ISLAM

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## PROFILE INTRODUCTION

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### Welcome Greetings to My Profile!

This is Dr. Md. Sahedul Islam; **A Mechanical Engineering Graduate with over 11 years** and including **10 years in Gulf comprehensive experience** in progressive establishing and manufacturing of Glassware & Tube. – Capacity 120 tons and **Autoclave Aerated Concrete Blocks (AAC)** capacity 320 M<sup>3</sup>/day. Having experience in Industrial Operation & Business development, Maintenance (MEP), Production & Project Management, Facilities Management, Operation Research, Project Coordination, Executions, Administration, Relationship Management, Root cause analysis, Resource Control & Planning, Risk and Opportunities etc.

I have graduated in Mechanical Engineering from Dhaka University of Engineering & Technology (DUET), Bangladesh in 2009. Having EMBA in 2017 from NIBM and Doctorate In Management Studies [DMS] from Indian Institute of Business Management and Studies (IIBMS) in 2018 based on AAC block. The research title was **"Autoclave Aerated Concrete (AAC) Blocks: Unique Materials for Construction Industry."** It is an ultra-light concrete masonry product having a good number of advantages in practicality. There are found so many advantages when compared to the burnt clay bricks.

I have a vast experience in this field since 2011 to till now. Especially for the Production and Maintenance both sides, I have been utilized my knowledge and experience. Also I have lots of experience on New Project Management including erection and commissioning, I have successfully completed so many projects, like Glassware and Tube Manufacturing, CFL Plant, Batch Plant, Magnetic Separation Plant, Printing and Packaging Plant, AAC Plant and similar Plants i.e. Cement Plant, CLC Plant, Ceramic Plant, Mortar Plant, Aggregate Plant etc. including Civil Constructions and Industrial Electrical works, where I can utilize my innovative & creative knowledge, experience, and communicational skills.

### Specialized for: -

1. Industrial Installation, Firefighting systems, Health & Safety as well as Erection & Commissioning.
2. Production, Maintenance and (MEP).
3. Production and Project Management.
4. Facilities Management.
5. Operation Research and Planning.
6. Top and Mid-level Management.

### Other key functions:-

1. Able to adapt manage an organization by Portfolio Management systems to improve quality, efficiency, and effectiveness.
2. Friendly with the new technology and Machinery.
3. Able to adhere to engineering principles and techniques.
4. Friendly with the necessary computer software and Auto CAD.
5. Have working experience with foreigners

**Insulated Building System Factory W.L.L**

March 2017 — Current

Position: Chief Engineer & Factory In-charge (Production & Maintenance)

Company Location: ALBA, Bahrain. <http://www.ibsbah.com/>

This is an Autoclave Aerated Concrete (AAC) Blocks manufacturing factory in Bahrain, which is a joint venture Company with **Kooheji Contractor's in Bahrain and National Industries Company in Kuwait.**

<http://www.nig.com.kw/>

Responsible for Operation, Production and Maintenance works of the factory and ISO. Related to the production process and procedure has to be controlled. Related to maintenance, all the factory management, procurement, purchasing, spare parts, stocks, store and Finish goods, Clients dealings, National and International supplier dealing etc.

**Insulated Building System Factory W.L.L**

March 2013 — 2017

Position: Project Engineer & ISO Coordinator

Company Location: ALBA, Bahrain. <http://www.ibsbah.com/>

Responsible for Production and Maintenance works of the factory and ISO internal audits. Related to the production process and procedure has to be controlled. Related to maintenance, all the shutdown maintenance has to be followed and preparing daily, weekly, monthly and yearly maintenance schedule and implementation. The major Machinery is Ball Mill, Mixer Machine, Cutting Machine, Tilting machine, Overhead Cranes, Boiler, Autoclaves, Chiller, Cooling Tower, and Compressor etc. Purchasing spare parts and Machinery related to the production line, and developing production capacity and quality day by day. Maintaining all the industrial health and safety procedure.

**Insulated Building System Factory W.L.L**

March 2011 — March 2013

Position: Sr. Mechanical Engineer (Project In charge.)

Company Location: ALBA, Bahrain. <http://www.ibsbah.com/>

Responsible for all the mechanical and electrical Erection works. Have done approval from the Ministry of Environment, Ministry of EWD. Ministry of Municipalities. Ministry of Civil Defense etc, More than 30 subcontractors were under the supervision of mine. All the Machinery installation and fabrication works have successfully done and this mega project has successfully commissioned in 2013

**Nasir Glassware & Tube Industries Ltd.**

December 2009 — March 2011

Position: Mechanical Engineer (Project In charge)

Company Location: Mirzapur, Tangail, Bangladesh, <http://nasirgroup.com.bd/>

[https://en.wikipedia.org/wiki/Nasir\\_Group](https://en.wikipedia.org/wiki/Nasir_Group)

Responsible for all the mechanical and electrical erection works. All the Mechanical pipelines, Underground pipelines gas, water, oxygen, air etc, and fabrications works, electrical cables laying and control panels works, electrical sub-station, pump house, oxygen station, Batch Plant, Ore Dressing Plant, Concentrated pool, Magnetic separation plant, Nasir printing & packaging plant, Nasir energy saving lamp, Nasir Glassware and tube industries Ltd etc. More than 30 subcontractors were under the supervision of mine.

**Site & Factory Management**

- Maintenance & shut down maintenance, firefighting systems, health & Safety has followed as well as producing AAC blocks as per the production plan & schedule.
- Preparing spare parts lists and collecting offer from the different supplier at home and abroad, as well as ordering new spare parts as required.
- Co-ordination and having internal audits for ISO-2008:9001 and strictly maintaining safety rules and regulation in the factory.
- Managing on-site, Machinery Installation & Fabrication activities.
- Preparing schedules and chart of works with bar chat method.
- Inspecting field sites to observe and evaluate the condition of facilities and structures.

**Resource Planning & Control**

- Material planning and developing vendors for obtaining item procurement of materials.
- Developing manpower and ensuring timely availability of manpower and equipment's and materials

## PROFESSIONAL EXPERIENCE

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### Commercial Operations

- Managing the tending process from floating of bids to awarding of suppliers and contracts.
- Coordinating with contractors and supplier with regard to the techno-commercial issue.
- Liaising with suppliers, clients, designer, consultants, contractors and external agencies for approval obtaining statutory clearances.

### Engineering

1. Able to adapt computer program solutions to improve efficiency and effectiveness, organizing records, and compiling reports by the Portfolio Management System.
2. The experience of using Computer Aided Design Systems and related software.
3. The Concept of Refrigeration and Air-conditioning System.
4. Worked in Machine Shop and operation with the deferent machinery like; Lath, Milling M/C, Drilling M/C, Shaper M/C and Grinding etc.
5. Vast knowledge of different pipelines fabricating and steel structure reinforcement and concept about the automobile.
6. Able to adhere to engineering principles and techniques.
8. Knowledge of considering constraints like safety, cost and environmental issues.
9. Ability to evaluate and test theoretical designs as well as according to International Standard, Like; **ISO, ASME, BSI, ASTM, SAE**, etc.
10. Basic Industrial Electrical Knowledge Like, Drawing, Transmission & Distribution, Panel, DB, SMP, Control panel, Required Load calculation

### QUALITY ASSURANCE

1. Maintain Quality Management System throughout the organization and Reviewed in process inspection and Training to personal
2. Calibration of all equipment's, instruments, gauges, Boilers, Autoclaves, Cranes, Lab equipments and different machine.
3. Prepared update and maintained maintenance and operation qualification records.
4. Inward Inspections (Raw materials & MS items).
5. Hydro test inspection for water pipe, steam pipe, slurry pipe, Boiler Autoclaves etc.
6. Final Inspection and documentation of production and all the factory/project.
7. Coordinate with government inspections and third party inspections and certification
8. Industrial and personal safety inspections and Conduct Internal Audit.
9. Drawing study and prepared internal QAP

## EDUCATION

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<b>Doctorate In Management Studies [DMS]-2018</b>	2015 - 2018
The Indian Institute of Business Management & Studies (IIBMS), India. The research title was " <b>Autoclave Aerated Concrete (AAC) Blocks: Unique Materials for Construction Industry.</b> "	
<b>Executive Master's In Business Administration (EMBA)-2017</b>	2016 - 2017
Production & Project Management. National Institute of Business Management (NIBM), India.	
<b>Bachelor of Science in Engineering-2009</b>	2005 - 2009
Department of Mechanical Engineering Dhaka University of Engineering & Technology (DUET), Gazipur, Bangladesh.	
<b>Diploma in Engineering-2004</b>	2001- 2004
Mechanical Technology. Comilla Polytechnic Institute, Comilla, Bangladesh.	
<b>Secondary School Certificate (SSC, Group Science)- 2000</b>	1990- 2000
Darora D.C. High school, Comilla. Bangladesh.	

## **TRAINING COURSE**

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1. Promoting Excellence, Recognizing Achievement On Quality Management Transition Course-2018
2. Basic Health & Safety Training from OSHA Academy, Bahrain. - 2016
3. Three Months Industrial Attachment at S. Alam Engineering Ltd.Tongi, Gazipur.19 Dec 2003- 26 Feb 2004
4. Three weeks (21 days) Industrial Training at Bangladesh Machine Tools on Dec 2008 Factory Ltd. (A Commercial Enterprise Under the Management of Bangladesh Army) Joydebpur, Gazipur-1700.

## **WORKING WITH INTERNATIONAL COMPANY**

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- China Triumph International Engineering Co., Ltd. China.
- Ming Wei Paper ware Machinery Co., LTD. Taiwan.
- Tianjin Universal Machinery Import & Export Corporation, China.
- Eurobend S. A. Advance Technology Products, Athens Greece.
- Olivoto Company, Italy.
- Shanghai Fuyong International Trade Co. Ltd. China.
- Zhengzhou Boiler Company Ltd. China.
- National Industries Company Ltd. Kuwait.
- Omani Germany Company Ltd. Oman.

## **LANGUAGE SKILLS**

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Bengali ( Native Language)  
English ( Specking, Reading, Writing, Listening Fluent )  
Hindi & Urdu (Specking Excellent) and  
Arabic ( Working Knowledge)

## **PERSONAL INFORMATION**

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**Md. Sahedul Islam**  
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Skype: [sahedul.islam5](https://www.skype.com/user/sahedul.islam5)

Father's Name: Mohammad Ali  
Mother's Name: Most. Sofia Khatun  
Vill: Palasuta  
P.O: Darora, Muradnagar, Comilla.  
Bangladesh

## **INTERESTS**

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I am interested to know new technology and develop a creative idea for the society. Reading news paper & story books, sports, social voluntary service etc. I have been honored as a General Secretary of Bangladesh Engineers' Association, Bahrain (BEAB).

## **REFERENCES**

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**Prof. Dr. Mohammed Alauddin**  
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## **CONFIDENCE**

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I am energetic, young, dynamic, an excellent outgoing pleasant personality and strong Interpersonal skill. I am able to work at high pace own imitative. Also, I am hereby; declaring that I will be responsible for any wrong information provided here.