



ADNAN ADIB AHAMED

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Summary

Materials and Metallurgical Engineer with experience in quality assurance and steel. Possess strong motivation towards learning, research and development. Focused on further enhancing the skill set through exposure to various engineering aspects in the world of materials and performing with proper utilization of these knowledge and skills to achieve organizational and social goals while upholding the professional ethics and quality in engineering.

Experience

BSRM Steels Limited, Fouzderhat, Chittagong

In-Charge, Quality Assurance (January 1, 2017 – Present)

Team Member, Quality Assurance (April 2, 2016 – December 31, 2016)

Major Roles and Responsibilities:

- Coordinating QA team efforts to ensure smooth operation while ensuring safety and efficiency.
- Conducting tests and analysis to ensure quality of both raw materials and products.
- Collaborating with production and maintenance sub-verticals to adjust the process control parameters required for rolling operation.
- Investigating non-conformity in products and implementing corrective actions.
- Operation and standardization of the optical emission spectrometer and metallurgical microscope.

Notable Works and Achievements:

- Completed successful trial runs of new grades and sizes of rebars.
- Co-ordinated multiple training programs for students and induction for new recruits.
- Design modification of the mill test certificate to ensure lesser time consumption and risk of errors while meeting all the customer requirements.
- Audits faced: BSTI, ISO 9001 QMS and ISO 14001 EMS.

Education

Bangladesh University of Engineering and Technology, Dhaka

October, 2009 to September, 2015

BSc in Materials and Metallurgical Engineering

CGPA: 3.02/4

Thesis: Fabrication and Characterization of Aluminum-Rice Husk Ash Composites.

Academic Projects: 1. Failure analysis of gas pipe line 2. Casting Design of L-shaped Aluminum Block
3. Comparative study of steel spokes 4. Design of 1Ton/Day PET Bottle Plant

Industrial Trainings: 1. Ratanpur Steel Re-rolling Mills (2 weeks, June, 2014)
2. Dekko and Agami Accessories (1 week, July, 2014)

New Govt. Degree College, Rajshahi

August, 2007 to May, 2009

Higher Secondary Certificate

GPA: 5/5 (Science)

Govt. Laboratory High School, Rajshahi

August, 2007 to May, 2009

Secondary School Certificate

GPA: 5/5 (Science)

International Conferences

International Conference on Computer, Communication, Chemical, Material and Electronic Engineering, 2016 (IC4ME2-2016)

Organized by University of Rajshahi.

Attended and presented paper on *Fabrication and Characterization of Aluminium-Rice Husk Ash Composite Prepared by Stir Casting Method* published in Rajshahi University Journal of Science and Engineering (Vol.44: 9-18, 2016)

Extra Curriculars

BSRM Steels Limited

- **Member**, Chittagong Speakers' Club- Steels Chapter, A charter member of Toastmaster International

Bangladesh University of Engineering and Technology

- **Finance Secretary**, Greater Rajshahi Association of BUET Students, 2014-2015
- **Representative**, Kazi Nazrul Islam Hall, Greater Rajshahi Association of BUET Students, 2011-2013
- **Member**, Students Association of Materials and Metallurgical Engineering, 2010-2015
- **Lead, Organizing Committee**, MME Football Tournament, 2014
- **Lead, Decoration Committee**, MME DAY-2015

Bdjobs-AMCAT Employability Certificate

Test Name: Metallurgical Engineering

Date: 08 August, 2017

Modules: English, Logical Ability, Metallurgical Engineering, Personality and Quantitative Ability

Online Course works and Certificates

- edX Honor Code Certificate for Leadership for Engineers, offered by Delft University.
- edX Honor Code Certificate for Introduction to Project Management, offered by University of Adelaide.

Language

- Bangla (Mother Tongue)
- English (Proficient in listening, speaking, reading and writing)

Software

- Microsoft Office
- Photoshop
- AutoCAD and MATLAB

Interests

- Book reading
- History and Sports
- MOOCs

References

Fahmida Gulshan

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Department of Materials and Metallurgical Engineering,
Bangladesh University of Engineering and Technology, Dhaka
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Liton Kumar Ghosh

Lead,
Quality Assurance,
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