

CURRICULUM VITAE



MD. SHAFIUL ALAM

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CAREER OBJECTIVE

This is for position requiring innovative, challenging employment that will utilize my educational qualification and professional skills and offer advancement opportunity for the field.

EDUCATIONAL PURSUITS

Master of Business Administration (MBA)

- ❖ Institution : Premier University, Chittagong
- ❖ Academic Session : 2009
- ❖ Year of passing : 2011
- ❖ Major :HRM
- ❖ Result : CGPA 3.86(A)

B.Sc. Engg. in Chemical Engg. and Polymer Science

- ❖ Institution : Shah Jalal University of Science and Technology, Sylhet.
- ❖ Academic Session : 2000-2001.
- ❖ Year of Passing : 2006.
- ❖ Result : B+ Grade (CGPA 3.48).

Higher Secondary Certificate

- ❖ Institution : Dinajpur govt college, Dinajpur.
- ❖ Group : Science.
- ❖ Year of Passing : 2000.
- ❖ Result : 1st Division.(Mark obtained 753)

Secondary School Certificate

- ❖ Institution : Dinajpur Zilla School, Dinajpur.
- ❖ Group : Science.
- ❖ Year of Passing : 1998.
- ❖ Result : 1st Division.(Mark obtained 834)

SKILL

Computer Literacy

- ❖ Operating System : Windows XP, Windows vista.

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| ❖ Application Software | : MS Word, MS Excel, MS Power Point, AutoCAD (2D) |
| ❖ Internet | : E-mail, Browsing, whatsapp, Zoom |

Language and Communication Skills

- ❖ Good verbal and writing proficiency in both Bengali and English.
- ❖ IELTS-6 Score

Special Skills

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| ❖ Interpersonal skill | : High. |
| ❖ Team work | : Always a team player. |
| ❖ Leadership skill | :Excellent |
| ❖ Strategy skill | : Good |

TRAINING/EXPERIENCE

- ❖ One month professional training on “ **Industrial Process Unit Operation & Process Control Techniques**” under **OSPT Department of Training Institute for Chemical Industries (TIC)**. A training institute of “**Bangladesh Chemical Industries Corporation (BCIC)**”, Narsingdhi, Dhaka.

JOB EXPERIENCE

Experience 1:

Quasem Industries Ltd., MPU unit-3, Baimail, Dhaka

Position: **AGM (Assistant General Manager)**

Business: Metal sheet Coating & printing, Can making & can filling & formulation of Aerosol base products

Reporting to: COO

Duration: 1st Dec'2016 to till now

Duties & Responsibilities

1. Overall aerosol project implementation (project installation & erection & commercial production) including 20000L capacity LPG tanker installation & commissioning.
 2. New product development & Implementation of formulation process including mixing tank, storage tank & Overall filling line for Air freshener, body spray, Flying Insect killer & crawling insect killer, saving foam, Spot lifter, Hand sanitizer spray & disinfectant spray etc.
 3. Experience in lab setup project like PH meter, density meter, viscosity, fume hood, RI, moisture analyzer, melting point, distilled water, magnetic stirrer, TDS meter, Lab refrigerator, shaking water bath, viscosity meter & GC machine etc.
 4. Give guidance in metal printing production related to raw materials mixing Ink, coating, lacquer-PPG & Inkot.
 5. Installation & commissioning of DM plant (250l/hr), water softer & small Boiler (100kg/hr) into factory.
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6. Implementation of fire suppression system (Fire protection & Fire hydrant) for aerosol project
7. Implementation of ZLD system for ETP plant for new aerosol project which capacity is 1000 l/hr.
8. Direct & manage overall plant operation for production, maintenance, Quality of factory
9. Responsible for overall quality management & Customer complaint feedback & corrective action.
10. Develop & control the plans, annual budget, expenditures, manpower , Wages & salaries.
11. Prepare & maintain procedures (SOP, Checklist etc) & system in line with set standard & guideline.
12. Responsible for safety & security of site
13. Closely work with HR function for people recruitment & their training process (TNA)
14. Prepare production plan (weekly/monthly) in collaboration with sales & follow up production schedule with department head to meet the market demand.
15. Discussed with maintenance & store of availability of spare, machine capacity & stock position & shelf life of raw materials like ink, coating, varnished, fragrance etc & finished goods & finalize contingency plan accordingly.
16. Closely work with maintenance team on line efficiency & utilization & OEE, Preventive maintenance & others checklist to smoothly run the machine & no hazard to human & machine.
17. Closely analyze to minimize wastage & variance by using ERP software to reduce operation cost & improve productivity
18. Discuss with marketing & R&D team for new product development (NPI) & their implementation process to finalize production schedule.
19. Set up KPI's for all officers & complete their SIPM.
20. Working with govt. agencies & local stakeholders to align with all rules & regulation like environment license, fire license, explosive license, factory license etc
21. Practicing ISO9001, ISO14001& OSHAS18001 in collaboration with Management representative & implementation of IMS (integrated management system).
22. Experience in maintaining huge work force from officer to operators.
23. Experience in ERP software & data entry to calculate variance & wastage of product.
24. Experience in working with cross functional team like store, finance, HR, Procurement etc for smooth & efficient operation.

Experience 2:

Syngenta Bangladesh Ltd (A Swiss base multinational company)

Business: Crop protection (Pesticide) & Seeds

Brand: Thiovit, Virtako, Vertimec, Karate, volium flexi etc

Position: **Process Engineer & Formulation specialist, Chittagong Site.**

In addition looking after Formulation operation & Printing section

Duration: 1st March, 2010 to 31st Nov'2016

Duties & Responsibilities:

Project implementation & HSE:

- 01.** Identify the process hazards in the plant and make an action plan like risk, mitigating control, changes/improvements required, cost involved.
- 02.** Co-ordinate work with Engineering & Production Team to install and commissioning of new Filling Lines in view of process risk & Health Risk.
- 03.** Good knowledge on Process layout, PID & AutoCAD drawing
- 04.** Good knowledge on Automation, Piping & mechanical work
- 05.** Good knowledge & experience in various project Management
- 06.** Handling various projects like fire suppression system, Automatic EC filling Line (Volumetric filling machine- PLC based), Auto labeling machine, Capping machine , Cartoon taping machine , FFS packing machine (Auger type/cup dozer etc) ,Carbon Scrubber, Dust

Collector, Boom lift, explosion proof motors, Induction heat sealer etc in preparing URS, equipment selection with technical evaluation, Commissioning & installation.

07. New project handling is in progress like Auto drum washer & crusher, up gradation of effluent treatment plant & Introduction of new EC formulation in Chittagong plant.

08. Interact with regional project team for technical improvement of plant.

09. Lead Hazardous area classification & also do risk assessment of site warehouse to make it safer for people & forklift operation.

10. Communicate with vendor various type of purchase related material & maintain good relation with them.

11. Lead in process risk assessment & Work place risk assessment & Job safety analysis (JSA) for existing & all new project

12. Lead the Management of change (MoC) process at site for the all new project including civil works

13. Maintain standard PTW system, Goal zero activity, DFL golden rule, Hazard activity rule & trained people about HSE like MSDS of product, risk assessment & Basis of safety etc

14. Develop HSE management system (11+1 standard) manual regionally.

15. Lead as an Internal Auditor of site from 2014.

16. Motivate, monitor & maintain appropriate PPEs in the production floor.

17. Identify operationally unsafe position in both liquid/granule department and rectify it with the help of Plant Engineering Team & HSE Manager

18. Handling Plant waste Management (both Hazardous & non-hazardous materials) & proper disposal of waste.

19. Motivate the employees for Near Miss & reduce First Aid and Reportable Incident.

20. Lead in Health risk Assessment like CRA, ERA, Physical & biological hazard & coordinator in Occupational health related issues like health surveillance program, Preplacement checklist, air monitoring data.

21. Develop HSE KPI & follow up the KPI in monthly HSE meeting.

22. Develop Site HSE action tracker & Identifying site major risk & report regionally.

23. Knowledge & experience of various release of hazardous chemical & control measure to avoid environment pollution.

Achievement:

1. *Obtained Global award for the implementation of new formulation project through automation & reduction of batch time from Syngenta Bangladesh in Nov'16.*

2. *Obtained "basically control" in Global HSE audit (2014)-Chittagong site where I worked with HSE leadership team*

Production:

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1. Experience in HDPE bottle production line & maintenance & people management
 2. Experience in image printer machine operation, maintenance & people management
 3. Experience in fill & pack line operation of both solid & liquid line
 4. Experience in handling of huge workforce about 100people/shift in production line
 5. Department budget preparation & tracking the budget in collaboration with finance team.
 6. Knowledge on SAP process & variance report.
 7. Continual improvement of Kaizen, 5S & Visual Management
 8. Experience in overall equipment efficiency (OEE)
 9. Good knowledge of 7wastage & operational excellence & sharing good practice across globe.
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Project:

Designation: Formulation specialist

Installed EC formulation process into Chittagong site by 2015.

Total cost: 600KUSD

Semi-automatic process

Control by central HMI

1. Making project proposal & taking approval from region.
2. Communication with various suppliers (8-10 numbers) for equipment selection
3. Developed Full PID for formulation process.
4. Involvement with procurement team to select right equipment.
5. Approval from regional Engineer
6. Create project charter (High level)
7. Details working schedule in collaboration with approved supplier
8. Piping fabrication (about 400m)
09. Formulation & Holding Tank fabrication (about 18m3) & installation
10. Pneumatic valve installation
11. Load cell Installation
12. CIP system for formulation & Holding tank
13. Electrical line & PLC panel installation
14. Making logic for Programming of formulation line
15. Leak & pressure test of line
16. Dry run test of all instruments
17. Logic test by water
18. 1st batch trial run
19. 2nd batch trial run
20. Commercial production

TRAINING DETAILS:

SI NO.	Training name	Institute	Place	Duration
1	Process Hazard & risk assessment	Syngenta Bangladesh Ltd	Singapore	3 days, 2010
2	Selling skills course (SSC)	Syngenta Bangladesh Ltd	Bogra	3days,2010
3	Kaizen & 5S training	Chattagram AOTS Alumni Society Bangladesh	Chittagong	2days,2010
4	Hazardous Area classification	Syngenta Bangladesh Ltd	Chittagong	2days,2010
5	Process Risk assessment training	Syngenta Bangladesh Ltd	Singapore	3days,2011
6	Health Risk Assessment training	Syngenta Bangladesh Ltd	Chittagong	2days,2011
7	HSE management system develop in regional level	Syngenta Bangladesh Ltd	Singapore	5days,2013
8	PRA leadership training	Syngenta Bangladesh Ltd	Singapore	4days,2013
9	Internal auditor training (OSHAS-18001-2007)	SGS Bangladesh	Chittagong	2days, 2014
10	Occupational Health training	Syngenta Bangladesh Ltd	China	4days,2015
11	Process Hazard workshop	Syngenta Bangladesh Ltd	China	4days,2016
12	Introduction of Flying & crawling insect killer	Sumitomo Chemical Enviro-Agro APAC Sdn.Bhd	Malaysia	3days, 2020

Experience 3:

HP Chemicals Ltd.

Tengaon, Araihaazar, Narayanganj.

Position: **Senior Assistant Process Officer**

Duration: 9th July, 2007 to 15th February, 2010

Duties & Responsibilities:

1. Working at DCS to control the H₂ generation plant. Capacity: 470 Nm³/hr
2. Working at DCS to control the H₂O₂ generation plant. Capacity: 40 MT/Day
3. Knowledge about Pd Catalyst regeneration & activation process.
4. Knowledge about Pd catalyst washing & cleaning process.
5. Reporting to the Authority for the day to day production of H₂ & H₂O₂.
6. Overhauling experience both H₂O₂ & H₂ section
7. Manpower Handling & Upgrading
8. To execute Production Plan & Ensuring Quality.
9. Good Technical knowledge in different processing activities & Equipments.
10. Good knowledge about safety rules.
11. Monitoring the following Utility Section
 - a) Air Compressor
 - b) Gas Generator
 - c) Boiler
 - d) Pump house
 - e) Waste water Treatment Plant
 - f) De-Ionized Plant

PERSONAL DETAILS

- ❖ Father's Name : MD. Abdul Mozid
- ❖ Mother's Name : Mrs. Sabiha Sultana
- ❖ Date of Birth : December 31, 1983
- ❖ Nationality : Bangladeshi
- ❖ Marital Status : Married
- ❖ Religion : Islam
- ❖ Hobbies : Gardening, traveling, reading, music, watching movie.
- ❖ Contact Number: +8801714097175 (Personal) & +8801718388638 (Father)

REFERENCE

❖ **Engineer Mobarok Hossain**

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❖ **Dr. Maksudur Rahman Khan**

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Md. Shafiul Alam
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