



Faraz Ali

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PERSONAL INFORMATION

Father Name:Jalaludin
CNIC: 45101-6109694-7
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Date of Birth: April 20, 1992
Religion: Islam
Nationality: Pakistani

SKILLS

PERSONAL

COMMUNICATION



ORGANIZATION



TEAM PLAYER



CREATIVITY



SOCIAL



Leadership

- I often take the LEAD ROLE in group assignments
- Languages: English, Urdu, Punjabi
- SAFETY CAPTAIN responsible for 14 team members and managed safety talks conducted weekly
- MENTORING and TRAINING up junior and new staff

Faraz Ali Malik

Process Operator

8 YEARS EXPERIENCE

(July 3,2013 – present)

Process Operator



EngroChemicals (pvt) Ltd.

Engro Chemicals Ltd. Pakistan formerly Exxon Chemical (pvt) Ltd. Pakistan.

- I have worked on AMMONIA UREA COMPLEX as "Process Operator" at High Pressure Urea Synthesis Section, Medium Pressure decomposer, Low pressure decomposer, Process Condensate treatment and Storage.
- I have Good understanding & reading skill about isometrics, P&ID & PFD.
- Developed the operating procedures and various checklists to ensure the smooth operation with minimum downtime & safe execution of maintenance jobs.

EDUCATION

(2013 – 2015)

Bachelor Of Science

Shah Abdul LatifUniversity,Khairpur.

B.Sc(Bachelor of Science) Shah Abdul LatifUniversity,Khairpur.

(2008 – 2010)

F.Sc

BISE Sukkur

F.Sc(Faculty of Science) Pre-Engineering from Board of Intermediate and Secondary Education, Sukkur.

(2006 – 2018)

Matric

BISE Sukkur

Matric in science from Board of Intermediate and Secondary Education, Sukkur.

TECHNICAL EDUCATION

(May 16,2011 – May 15, 2013)

Trade Apprentice (Process Operator)

Engro Chemicals (pvt) Ltd.

Engro Fertilizers Ltd. Pakistan formerly Exxon Chemical (pvt) Ltd. Pakistan.

WORKING AREAS

HIGH PRESSURE UREA SYNTHESIS SECTION

- HIGH PRESSURE SECTION (UREA SYNTHESIS):igh Pressure Urea Reactor operating at 160kg/cm2.
- Heavy-duty ammonia & Carbomate feed pumps motor driven.
- NH3 STRIPPER (falling film type).

- Carbamate Condensers.

EQUIPMENTS HANDLED

- Reciprocating Compressor
- Centrifugal Pumps
- Centrifuges
- Reactor
- Distillation Column
- Hydrolyzer
- Stripper
- Absorber
- Exchangers
- PD pumps

Purification, Decomposition & Absorption Section:

- Carbamate is decomposing into ammonia and CO₂ operating pressure 18Kg/cm² and temperature 160°C.

Water Balancing & Decomposition Section:

- Further decomposition of Carbamate occurred at operating temperature 138°C & pressure 3.5Kg/cm² in this section

Distillation & Hydrolyzer Section:

- This section is installed to purify polluted water coming from Urea reactor. We recover NH₃ & CO₂ by distillation and recycle back to plant. Section is equipped with distillation tower, heat exchangers.
- For further purification of wastewater & decomposition urea contents, hydrolyser section is installed. Operating pressure is 38Kg/Cm².

Vacuum and Prilling Section Snamprogetti Technology:

- In this section urea is purified in two stages by creating vacuum through ejectors and condensation of water vapors. Operating pressure of 1st & 2nd stages are 0.34Kg/Cm² abs and 0.03Kg/Cm² abs.
- Melt urea is solidified by showering through a bucket mounted at 105 meters height by the contact of Air coming from bottom of tower by natural draft.

Flare System John Zink Technology:

- First flare system technology used in fertilizer industry to control the environmental pollution to achieve a friendly environment.

Safety And Trainings

I'm Member of emergency response team and fully capable of using all kinds of safety equipment. I have also attended the following trainings and courses

- **LT&T**(Lock out/ Tag out and Try out)System
- **PTW** (Permit To Work System Handling / Auditing)
- **ERT** Emergency Response Team
- GASTESTER Certified & Explosivity Monitor
- ISO (9000 Quality Management & 14001 Environmental Management)
- **SAP** (System, Applications, And Products In Data Processing)
- MIS
- LIMS (Laboratory Information Management System)
- MSOFFICE Word, Excel, PowerPoint etc.
- COMMUNICATION SKILL
- FIRST AID Training

Key Responsibilities

- Ensure production targets are met while maintaining compliance with **Life Critical Procedures**, Tenets of Operations, Consent to Operate, plant policies and procedures, Daily Operating Instructions, Standard Operating Procedures (**SOPs**) and Job Safety Analyses (**JSAs**).

OTHER INTERESTS

- Cricket
- Football
- Reading
- Web surfing
- Social works

- Monitors process conditions and makes necessary adjustments in order to optimize the process while ensuring products are within the required specifications.
- Document critical activities and abnormalities via operator's log.
- Perform comprehensive shift turnover.
- Timely completion of all compliance training.
- Ensure correct mitigations are in place for emergency & safety bypass permits.
- Issue Work Permits and authorize the unit entry.
- Responsible for housekeeping in work area. Advise support groups on housekeeping needs.
- Conduct detailed, quality rounds and complete e-SOMS tours in the plant, log all abnormalities and required follow up in the Narrative log.
- Report abnormalities to Shift Supervisor and take the necessary corrective actions.
- Participate in Safety and Reliability Improvement teams as required.
- Certify in the areas as decided by plant leadership and mentor for new employees.
- Take corrective actions to keep all the process parameters within its design limits
- Work with and assist Technical and Maintenance to understand and solve the process problems
- Prepare and commission equipment per DOI's and Maintenance Schedule.
- Perform unit start-ups, normal operation, process upsets and shutdowns as per SOP and EOP requirements.
- Follow and review SOP's and EOP's, give feedback Supervisor / Training Coach if SOP needs revisions or modifications.
- Work with Turnaround Planning to develop production plans and work packages. Support other operating units in TA as applicable
- Collect process / product samples as required
- Participate in the safety activities of the shift to ensure regulatory, health, safety, security, environmental, and quality compliance.
- Carry out plant walk-downs and audits to ensure work is being performed safely and that the plant safety systems are enabled. Coordinate efforts to correct discrepancies.
- Actively participates in shift toolbox meetings, JSAs, MSA's, etc.
- Execute Stop Work Authority and take immediate corrective actions to stop unsafe behaviors.
- Contribute to the identification of opportunities for the continuous improvement of systems, processes and practices in order to increase productivity and operational efficiency.
- Implement all relevant Section's policies, processes, procedures and instructions so that work is carried out in a controlled and consistent manner.
- Prepare timely and accurate recaps and reports in order to meet departmental requirements, policies and standards.
- Communicate to Shift Supervisor to inform on issues that require additional follow up.
- Report incidents and near misses and participate in investigations as required.