

Muhammad Adnan

Process Engineer

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Permanent Address: Multan, Pakistan.

Date of Birth: 10th September 1992.

Marital Status: Married



Objective

To associate myself with a reputed organization by making use of technical, analytical and communication skills to achieve organizational goals.

Professional Summary

- **Process Engineer** with more than five years of experience working with Oil and Gas projects in Saudi Arabia and paper industry in Pakistan.
- Proven ability to understand piping related drawings like Isometric, P&IDs and Equipment Layout.
- Skilled in areas of process operation, operations management, Painting and coating, Welding and testing of pipes.
- Familiar with Codes and Standards like engineering standard, OSHA Standard, NACE, SSPC, ASME, ASTM numbers, API.

Academic Qualification

- B.Sc. Chemical Engineering from Bahauddin Zakariya University Multan, Pakistan.
CGPA: 3.43 **Session:** 2010-2014
- F.Sc (Pre-Engineering) from B.I.S.E Multan.
Percentage (%): 80 **Session:** 2007-2009

Professional Experience

Process Engineer

Alkaram Paper Mills Pvt Ltd, Sheikhpura, Pakistan.

3rd January, 2021- Present

- Responsible of process involved during the production of pulp.
- To regulate pulp supplies to paper machine according to planning department priorities.
- Achieve quality standards of the product.
- Cleaning, deinking, washing, screening and refining of pulp.
- Maintain the smooth production of pulp through proper chemical testing.
- Safe working of Pumps, Valves, High Pressure Screen, Low/High Density Cleaners, Flotation Deinking Cell, Twin Wire Press Machine, and other equipment's by implementing standard operating procedures and parameters.
- To ensure effective coordination with maintenance departments for better maintenance of Stock Preparation Plant.
- Performance evaluation of monitoring and measuring equipment.
- Evaluate effectiveness of surface chemicals.

- Specifying norms of chemical consumption to achieve the needed quality standard parameters.
- Plant optimization and troubleshooting to improve plant reliability.
- Analyze customer complaints and follow up actions to avoid recurrence.
- Improving paper quality and production targets.
- Working for product developments with economy and throughout enhancement, finding out new ways to cut down production cost with quality improvements.

QA/QC Painting and Coating Inspector

Saad Ali Al-Essa Group for Trading & Contracting Company Saudi Arabia.

7th October, 2016 to 23rd January, 2019

- **Name of project:** Khuff Gas Wells-OMPP (Onshore maintain potential projects SA-1 & SA-4)
Location : Shedgum & Uthmania
Client : Saudi Aramco
Contract No. : 6600038900 “SA-1” & 6600038843 “SA-4”
- **Name of project:** 10 inch Piping replacement of injection well Hawiyah
Location : Hawiyah-412
Client : Saudi Aramco
Contract No. : 6510888604
- **Name of project:** 10 inch Piping replacement of injection well Uthmania
Location : Uthmania-1225 & Uthmania-560
Client : Saudi Aramco
Contract No. : Uthmania-1225 (6510889342) & Uthmania-560 (6510889648)

Responsibilities:

- Inspection of piping and structural painting / coating activities.
- Inspection of all painting equipment's like compressor, blasting pot, nozzles and connecting hoses, airless and conventional spray units.
- Inspection and conventional spray units.
- Conducting receiving inspection of all paint materials including abrasives, paints and thinner, FBE powder.
- Conforming and recording climate and surface conditions like humidity, dew point, air temperature and metal temperature using hygrometer / digital gauges to decide the job to proceed or not.
- Verifying the surface condition before starting the job.
- Witnessing and recording surface preparation for painting.
- In process inspection of application of primer coat including checking wet film thickness, and after drying inspection and recording of dry film thickness.
- In process and final inspection of intermediate and final coating application.
- Holiday testing of coated pipes and inside tank for burial and immersion services.
- Familiar with Aramco standards and approved protective coating system.
- Make sure that activities are being done according to Health, Safety and Environmental.
- Specifications approved by international organization and client.
- Educate the workers whenever required about the job site to meet the standards.
- Reporting to the Project Manager about planning tasks of area (daily, weekly, monthly)

Chemical Engineer

HUSEIN SUGAR MILL LTD; JARANWALA, PAKISTAN.

December, 2014 to September, 2015

- Plant optimization and troubleshooting to improve plant reliability
- Coordination and safe execution of maintenance jobs in plant areas
- Development & implementation of emergency response procedures
- Follow up of plant startup and shutdown Procedures
- Understanding and control of process parameters from mixed juice to cleared juice through vapor line heaters to SRI clarifiers.
- Operate and maintain Falling Film Evaporators at maximum efficiency.
- Inspection and operating of all boiling house equipment's like pumps, centrifugal machines, primary and secondary heaters, vacuum and batch pans, driers and crystallizers.
- Safe working of A.B.C continuous vacuum pan.
- Supervise Startup & total shut down activities
- Operation/safety training of sub-ordinates
- Implementation of standard operating procedures
- Preparation of job safety analysis of all critical jobs
- Inter-unit communication in case of emergency
- Management Safety Audits follow up
- Skill certification of sub-ordinates
- Follow up of operational discipline
- Ensuring safe working conditions and compliance with health and safety legislation

Computer Proficiency

- CHEMCAD BY Chemstation
- MATLAB
- AUTOCAD
- MS Office.

Achievements and Activities

- Got the Certificate of Excellence of **HSE Inspector** course Held at PAK SAFETY SOLUTIONS from Skill Development Council (SDC) Lahore.
- Winner of quiz competition held in The Central College Multan.
- Got the certificate of **CHEMCAD (Process simulation)** held at NFC IET MULTAN.
- Received the certificate from Highfield Awarding Body for Compliance for completing the HABC Level 2 award in health and safety in the workplace and in **Fire safety**.
- **BGAS-CSWIP Grade 2 Painting Inspector (TWI UK)**
BGAS ID: 761389 D.O.B: 10/09/1992

Declaration:

I hereby declare that the details given above are true to the best of my knowledge and belief.

Muhammad Adnan