

Muhammad Tariq

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Khanewal, Pakistan



CHEMICAL ENGINEER

Versatile, results -driven professional with 15 + years of comprehensive industrial experience developing exceptional relationships with peers and senior leadership to provide sustainable business solution. Superb leadership abilities and personnel management skills with strong expertise in legal and corporate sector. Proven problem solving and analytical thinking skills, and ability to adapt to evolving industry trends.

EXPERTISE AND COMPETENCES

- Proficient in MS-Word, Excel, MS Outlook application
- Strong knowledge concerning to establish, Implement, maintain & monitor Quality management system
- Relationship management, Solution advice, technological proficiency, Process flow development
- Team leadership, Risk analysis/Management, Communication, Strategic Planning, Project Management

WORK EXPERIENCE

Cast Aluminium Industries LLC, Dubai

2011--- 2021

Sr. Process Engineer AluSalt Washing Plant, kizad, Abu Dhabi (Cast Aluminium llc)

- Generate standard processes & procedures with project management team, and QC department.
- Monitoring & Supervision of process parameters of plant sections (Raw material, CSTR agitator, Filter bed, strong & weak saline sections, NMP dryer, Spray Dryer, venturi Scrubber, Acid Scrubber and Vacuum pump.
- Maintain and apply knowledge of current policies, regulations and industrial processes.
- Provide risk assessment through use of risk analysis techniques & tools.
- Recommend process and product safety features that will reduce employee's exposure to work hazards.
- Conduct and coordinate worker training in areas such as safety laws & regulations, hazardous condition monitoring, and use of safety equipment's.
- Ensure quality of product (Salt, Dry NMP) by regular interaction with QC department.
- Worked & provide assistance (QC & Process) to **HARSCO, UK & ALTEK** team during plant commissioning.
- Supervise the daily production in Alu salt washing plant.

Sr. Quality Control Engineer

Cast Aluminium Industries Dubai, UAE

- Manage quality of products by regular interaction with all departments.
- Control and monitor all activities related to the quality management system, QMS
- Preparation of all documents for Internal and External audit (Dubal, Emal, Alba, Maa'den, Gramco & Qatalum.
- Follow ASTM Standards (ASTM e 1251-11, ASTM e 716-16) for OES-Spectro Lab.
- Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non- compliance reports and site Instruction/Observation, permanent material delivered and other QA/QC documents. Responsible for the closure of non-conformance and site instruction.
- Providing reports, operating chemistry standards, guidelines, MSDS and chemical and Instrument (Spectrometer) Software programs.
- Email the Chemical analysis of aluminium metal sample of OES Spectrometer and

hand Held metal analyzer to related client.

- Maintenance the laboratory equipment's on given schedule.
- R & D and chemical Analysis of Aluminium dross (Aluminium dross, Bag house dust and alchemized sieve dust).
- Preparation of Mass balance of daily SPR (Shift production Report), weekly and monthly production reports. Ensure that the right products are delivered to the right location on time. Manage transportation, stock control (material received and delivered) and monitoring the flow of materials.
- Co-ordination with production, logistic & transport department at all time.
- Documentation and implementation control of ISO 9001, ISO 14001 & 18001 certification activities.

Zaman (Flying cement company, Pakistan)

2009---2011

Assistant Manager (Area of Expertise)

- Main crusher, Raw Mills (IHI Company), Double strings 5 cyclones preheater (IHI company), Kiln process (CCR Panel) capacity 3800 Tons/day, Grate coolers (FLS FLSMIDTH Company), Quality control Lab, Cement mills (IHI Company) & packing section

Main Responsibilities:

- I ensure quality of products by regular interaction with QC Department
- Generate standard processes and procedures of control plans processing
- Provide technical guidelines in the burning of hazardous fuels to technical staff
- Sourcing and collecting data for establishing standard process correlations
- Monitoring and supervising process control parameters to ensure high capacity usage and update the reports to the General Manager
- Follow safety regulations while performing tasks on the plant grounds
- Gathered requirements by coordinating with engineering staff and scientists
- Update technical aspects under the guidance of technical staff
- Reduce problems and maximized the performance of company by talking corrective actions as soon as problems arise

Albario Hawkeye (Water Treatment & Chemicals Company, Pakistan) 2007---2009

Sales and Service Manager

Monitor and participate in water sampling and testing of Cooling Towers, Chiller plant, Boilers RO plant, Installation of RO Plant, Installation of Cooling Towers Sales of dosing pump, chemical Kits, water relates Equipment's and Chemicals

Main Responsibilities:

- **Business Development** :Handle & Supervise, Services, Design, Installation, Operations & maintenance of Water plant equipment's. Chemicals for industrial customers propose & Implement effective work processes, Plans, Presentations, Procedures & technical resources to project team.
- **Service Programs**: Monitor & participate in water Sampling & testing of Cooling Towers, Boilers, and Chillers & RO Plant.
- **Providing Reports** Recommendations, Operating Chemistry Standards, Guidelines, MSDS, and Chemical & Mechanical Programs.
- **Relations**: Tie up with Manufacturers, Suppliers, and import all applicable cost effective programs.

Sr. Chemical Instructor (Swedish College of Engineering & Technology RYK) 2006--2007

- Preparing & delivering Lectures, Creating & supervising Laboratory activities, Evaluating student performances, maintain class rooms records & meeting with parents, teachers & others professionals and participating in campus events

ACHIEVEMENTS:

- QMS training course from TUV NORD Group Dubai
- Nebosh Certified (Result Awaiting)
- Diploma of Offshore Safety from Green World Group Dubai(1 YEAR)
- Firefighting short certificate

Uses of Fire Extinguishers: Attended usage of fire extinguishers & Fire Warden Responsibilities.

Emirates Environmental Group: Participate of monthly Emirates Environmental Events & Lectures.

Safety & Risk Assessment Identifications: Attended IOSH management safety course from International HSE Council Dubai 2016

ISO AWARENESS: Attended ISO 9001:2015QMS internal audit from TUV Nord Group Dubai
Attended management System as per ISO 14001:2004 from TUV Nord Dubai
Attended management System as per OHSAS 18001:2007 TUV Nord Dubai

RESEARCH WORK

- Plant Design Thesis on Precipitated Calcium Carbonate from Lime stone

WORK EXPERIENCE/INTERNSHIP

- 4 weeks in DG Khan Cement factory 2002
- weeks in Lyallpur Chemicals & Fertilizers Ltd Faisalabad 2003

COMPUTER SKILLS

- MS Windows, MS Office, C, C++, Command on Internet Searching, Browsing & Operating Emails

ACADEMIC QUALIFICATION

2006		Chemical Engineering (BZU Multan)
2000	Pre-Engineering	(BISE Multan)
1998	Matriculation	(BISE Multan)
Languages:		English Urdu Arabic

PERSONAL BIODATA

- Father Name Muhammad Murtaza
- Date Of Birth 05 September,1983
- Marital Status Married
- Nationality Pakistani
- Religion Islam
- PEC Registration # R.E PEC CHEM 6778
- Passport No. AU 7967394
- Driving License(UAE) 1910480

Visa Status: Cancelled Visa