

IRFAN ARSHAD

Chemical Engineer, IGC NEBOSH & IOSH certification

21 years of Total Work Experience
5 years of KSA Work Experience



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Visa Status: *Transferable Iqama*

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Professional Summary

A Chemical Engineer having almost 21 years of progressive experience in the one of the best FGCGs in Pakistan and Saudi Arabia, managing the health, safety, environment and Production processes.

- ❖ *PSM (Process Safety Management), Process Hazard Analysis PHAs with Bowtie analysis, Fault Tree Analysis (FTA), Failure Mode and Effect Analysis (FMEA), Hazard and Operability studies (HAZOPs), and What-if analysis.*
 - ❖ *Risk Assessments/JSAs, Incident Investigation, Behavioral safety (BBS) and establishing, monitoring & improving the Key Performance Indicators, loss prevention inspections, and audits.*
 - ❖ *Implemented PSM system and achieved the Du Pont 3.4 rating in the third-party audit. Also implemented and trained the workers on ISO systems like 19001, 45001, 22001, and 14001. Manpower handling, team development, production planning, and delivering the production targets keeping in view the Overall equipment efficiency are some of the attributes, I am good at.*
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Professional Skills

**Process Safety Management*

**Process Hazard Analysis*

**Continuous Improvement*

**Meet/exceed targets,*

**Trouble Shooting*

**Operational Management*

**Risk Assessments*

**Leading/Lagging Indicators*

**Team Leadership/ Supervision*

**Staff Training, Report Writing*

**Manpower Planning*

**Reducing Downtime*

**Delivering HSE Trainings*

**Improving KPIs*

**Improving Safety Culture*

**SAP*

**ISO Implementation*

Professional Work Experience 2003 - Present

HSE Engineer 2025 – Present

Kling Consult, Saudi Arabia

(DEPLOYED ON DELTA MARRIOT CONSTRUCTION SITE, JEDDAH)

Working with the consultant company, Kling Consult. as HSE Engineer where I am looking after/heading the activities of HSE at construction site of Delta Marriot project. Key responsibilities are:

- Improving and promoting HSE culture on site.
- Upgrading/reviewing documents like HSE Policy and procedures as and when required.
- Monitoring, training, and developing the team under me, to have a positive HSE impact and to reduce risks at the site.
- To convey HSE standards to the sub-contractor that they need to comply with.

- To conduct JSA/ Risk assessments as and when required with prioritization of Hierarchy of control.
- Conducting/guiding team on Process Hazard Analysis as and when required.
- Managing sub-contractor selection having established HSE infrastructure.
- To promote the culture of Zero injury.
- To ensure standards are understood and complied with and to review at defined intervals.
- To maintain HSE records and to provide information to management as per set protocol.
- To ensure monthly audits on Work Permits, Fire Extinguishers, Fire hydrants, etc.
- To ensure emergency drills are conducted as per defined periodicity and make the masses aware of their role statement.

HSE Head 2020 – 2024

Azhar and Co. Pakistan

(ENGINEERING WORKS, DAIRY & FOODS ORG)

Working with Azhar and Co. as HSE Head where I am looking after/heading the activities of HSE at plant and projects. Key responsibilities were:

- Upgrading/reviewing documents like HSE Policy and procedures as and when required.
- Improving and promoting HSE culture in the entire organization.
- Monitoring, training, and developing the team under me, to have a positive HSE impact and reduce risks at the site.
- Managing contractor selection having established HSE infrastructure.
- To promote the culture of Zero accidents.
- To convey HSE standards to the contractor that they need to comply with.
- To conduct JSA/ Risk assessments/ Hazards/Aspect assessments as and when required.
- Conducting/guiding team on Process Hazard Analysis as and when required.
- To ensure standards are understood and complied with and to monitor at defined intervals.
- To maintain HSE records and to provide information to management as per set protocol.
- To conduct internal HSE audits and facilities external audits to maintain certification.

HSE Manager 2016 – End 2019

Almarai Company, Kingdom of Saudi Arabia

(CONSTRUCTION, DAIRY & FOODS)

Got promoted to the position of HSE Manager in April 2016 under which all Capital Projects Regional HSE managers are reporting to me. Key responsibilities were:

- Managing and organizing all regions in Capital Projects with respect to Health Safety and Environment.
- Delivering continuous improvement in HSE by providing Guidelines to the team.
- Guiding and training team on Risk Assessments/JSA/Hazards/Aspects assessments.
- To participate in investigations to identify and eliminate root causes by root cause analysis and to facilitate closure of identified non-conformance.
- To provide Health and Safety coverage for all new projects
- To manage contractor selection have established HSE infrastructure
- To convey HSE standards to the contractor that they need to comply with
- To ensure standards are met by the contractor during Project execution.
- To maintain HSE records and to provide information to management as per set protocol

Regional Manager Health Safety and Environment 2014 - 2016

Almarai Company, Kingdom of Saudi Arabia

Joined Almarai Company in November 2014 as Regional Manager HSE. Key responsibilities were:

- To manage the HSE team and train it to enhance its professional capabilities.
- To inculcate behavioral safety in the Project and contractor's team by conducting HSE training.
- Conduction PHA and risk Assessments as and when required.
- To manage contractor selection having established HSE infrastructure.
- To convey HSE standards to the contractor that they need to comply with.
- To ensure standards are met by the contractor during Project execution.

- To maintain HSE records and to provide information to management as per set protocol.

Assistant Manager Health Safety and Environment 2011 - 2014

Engro Foods Limited, Sahiwal Plant, Pakistan.

- Joined Engro Food Sahiwal Plant in February 2011 as Assistant Manager HSE. Key responsibilities were:
- To conduct site audits periodically and to suggest improvements to inculcate behavioral safety at the site by conducting different training on achieving level three rating in Du Pont Audit by third party
- To report any incident to management well in time as soon as it is reported to the HSE Department
- To maintain ISO standards and to follow up on non-conformances.
- To maintain the Safety Data Record, and incident reporting system and to push all the interfaces for improvement of Leading indicators and TRIR. To conduct safety training on different safety aspects as per the requirement identified.
- Conduct monthly audits on Work Permits, Fire Extinguishers, Fire hydrants, etc.
- Conduct emergency drills per defined periodicity and make the masses aware of their role statement.
- To participate actively in new projects and ensure its PHA, SOC, JSA, PSSR, etc

Key Accomplishments:

- ✓ *Achieving the Leading Indicator targets by pushing all the interfaces to cover their points.*
- ✓ *Achieving TRIR Data target by creating an environment where maximum near misses is reported and their recommendations are being addressed well in time.*
- ✓ *Promoting environmental activities by participating actively in the World Environment Day Walk and tree plantation in Sahiwal City.*
- ✓ *Working on behavioral safety for the first-time celebrating Safety Week at Sahiwal Plant.*
- ✓ *Conducted 7 Safety drills in just a time period of 6 months and conveyed the role statement down to the lowest level.*

Assistant Production Manager Coordination 2009 – 2011

Assistant Production Manager 2007 - 2009

Engro Foods Limited, Pakistan.

- Joined Engro Food as Assist. Prod. Manager. Promoted to the post of Assistant Production Manager Coordination in 2009. Key responsibilities were:
- Delivering the targets for Dry milk, UHT milk, and Juice production.
- Improving Overall Equipment Efficiency.
- Ensuring the equipment and workplace safety.
- Maintaining product quality as per company standards-coordinating the preventive and corrective maintenance of entire production equipment.
- **Key Accomplishments:**
- ✓ *Commissioning of two GEA UHT plants, 13,000 liters/hour and 30,000 liters/hour. Commissioning of 6-stage Falling film Evaporator. Commissioning of 3-stage dryer of Capacity 1.5 tons/hour.*
- ✓ *Commissioning of inline standardization Juice Plant of 10,000 liters/hour. Fully responsible for delivering the entire production for 6 months in the absence of the Production Manager.*
- ✓ *Represent production department for a cross-functional team of ISO implementation. Reduced Overall Process Loss from 1.5 to 1%. Reduced the Juice section Loss from 4 to 2% immediately after commissioning. Production representative of the management team during Charter of Demand negotiation with CBA.*

Shift In charge (Production) 2003 – 2006

Nirala Dairy Limited, Tandlianwala, Pakistan.

Joined as Management trainee and was confirmed as Shift in charge. Looked after the site manufacturing operations like Dry Milk Powder, UHT milk, Paneer, Butter & Ghee and Yogurt.

Key Accomplishments:

- Consistent Performance throughout the shift to achieve Production targets.
- UHT plant commissioning as Production Engineer.

- Six Stage Falling film Evaporation plant commissioning as Production Engineer.
- Ensured Consistent Performance during the shift to achieve Production targets by motivating and supervising Shift team.

Educational Background

Matriculation	St. Anthony's High School Lahore, Pakistan	1996
Intermediate	Forman Christian College (F.C. College) Lahore	1998
Chemical Engineering	University of the Punjab, Lahore	2003

<i>IGC</i>	<i>International General Certificate NEBOSH</i>	<i>2014</i>
<i>IOSH</i>	<i>Certification on Managing Safely</i>	<i>2014</i>

Trainings

- ISO 14000 - environmental management systems internal auditor training
- ISO 9001 Quality Management system, Foundation level at Almarai Saudi Arabia
- In-housetraining on OSHA PSM (Process Safety Management) system at EngroFertilizer Pakistan
- OSHA PHA – Process Hazard Analysis Training at Engro Fertilizers Pakistan
- EPA Waste Management Training at Engro Fertilizers Pakistan
- Emerging Entrepreneurship Training at Engro Foods, Pakistan
- TQM – Total Quality Management Training by Skill Development Council, Pakistan
- Factory Management Program at LUMS Lahore, Pakistan
- Finance for Non-Financial Managers training
- Soft Skill training 'Personal Excellence for Young Leaders'