

# Adil Aziz Khan

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in Adil Aziz Khan

## Executive Summary

A seasoned professional with an overall 28+ years of rich experience, primarily in leadership roles with a diversified range of applications such as General Management, Projects, Operations, Maintenance, and HSSE management in large industries of Oil & Gas, Petrochemical, Fertilizers, Chlorovinyl, and Steel. Provided strategic technical leadership to teams in projects and operations. I have managed green and brownfield projects from concept to FEED and construction to commissioning and normal operation to expansion/diversification. A team player with proven contributions to the vision, mission, and KPIs of the company, making sure they are accomplished through business strategies and corporate plans.

## Education

**Bachelors in Chemical Engineering,**  
University of Engineering and Technology (UET)  
**MBA-Management,** Virtual University of Pakistan  
(69/72 credit hrs completed)

1995  
Lahore, Pakistan  
Karachi, Pakistan

## Major Accomplishments, Recognition and Skills

### Divisional Head / General Manager Operations

As the Business Unit Head/General Manager of Operations since 2017, I led the largest operating division of the company and was accountable for the safe operation of the largest oil transportation pipeline network of the country. Key accountabilities include: ensuring continuous crude oil supply for sustained operation of the largest refinery in Pakistan, transporting white oil products of OMCs received from ports and local refineries to strategically located destinations in Sindh and Punjab, planning and implementing business, technical and operations strategies, maintaining safe and environment-friendly operations at maximum capacity with minimum downtime, implementation of capex, relax and capacity enhancement and energy conservation projects, ensuring integrity and proper maintenance of all assets including 1500 KMS Right of Way (ROW), plants, equipment, utilities and infrastructure at all field locations including 10 stations and terminals, microwave wave system, cathodic protection systems and block valve assemblies spread in the provinces of Sindh and Punjab.

The bar has been raised and the division has improved on all previous records of throughput and product delivery set on a daily, monthly and yearly basis, enabling the division to earn profits in unprecedented ranges. Upgraded state-of-the-art SCADA network, added leak detection and batch tracking systems for robust monitoring, controlling and security of pipeline network in line with best international practices. Contributing significantly to Company's transformation drive and working on new projects to remove bottlenecks and adapt to dynamic challenges. I am also a member of the Company Executive Committee and company representation in OGRA, MoEPD, OCAC, PIP and various board meetings. Direct reports to the position include: DGMs, Deptt Mgrs and CEs of six departments having 500+ strength.

## **Leadership and Management Role**

For the last 15 years, working in a leadership role as department manager, DGM, GM/Divisional head. Experience of being a member of companies' Executive Committees and Management Forums. Management of staff of above 1000 direct/indirect employees geographically stationed in Sindh and Punjab. At various levels prepared corporate, manufacturing, and operating business plans. Developed implementation strategies, stewardship, and periodic management reviews and delivered presentations to Board, SAPM, Ministers and Govt Secretaries.

## **Vice Chairman PERAC Research and Development Foundation (PRDF)**

For the last 3 years, appointed as Vice Chairman of PRDF. PRDF is an OGRA and SEPA accredited Hydrocarbons and Environmental Testing lab. PRDF underwent a turnaround during the 3 years and posted the highest ever sales revenue and profits (35% and 294% increase YoY) by adding new business avenues and regions such as remote testing and inspection at OMCs' retail sites.

## **HSEQ Management**

Firm grip on HSE Management systems like Exxon's Safety Management Practices, Safety Critical System, Emergency Response, Pre-startup Safety Reviews (PSSR), Management of Change (MOC), Root Cause Analysis (RCA) and Environment Impact Studies (EIA). Command on "Process Safety and Risk Management" (PSRM) and "Process Hazard Analysis" (PHA) of DuPont. Contributed to the "Quality Control" section in implementing ISO-9002, ISO 14000 and IMS standards for the manufacturing division and later ISO 45001:2018 for OHS, ISO 14001:2015 for EMS and ISO 9001:2015 for QMS for the pipeline operations division.

## **Financial Management**

Managing budgets of multi-billions for revenue and capital expenses for routine and nonroutine tasks/projects/procurements. Demonstrated the ability to manage corporate financial matters in a highly appropriate manner without any financial obligation/litigation in the career. Worked with honesty and earned the reputation of being ethical and merit-driven in conduct while safeguarding the corporate interests and complying with good governance.

## **Construction, Commissioning and Safe Operation of Multigrade Oil Transportation Projects**

Oversaw the construction of two separate projects of 135M\$ & 60M\$ capex, for multiproduct transportation through pipeline network that includes Mogas projects facilities installations, storages, licensing/regulatory approvals, capacity enhancement and technology transfer. Effectively represent the company while working and interacting with the government, regulation authorities, industry, and other external entities for timely and smooth commissioning of the projects. After carrying out successful end-to-end commissioning, Multigrade Oil (HSD + Mogas) transportation through the Pipeline network is a regular operation. Both products are delivered through connectivity pipelines to OMCs at strategically located terminals and through gantries for short hauls with intact quality.

## **Relocation of Petrochemical Plant from USA to Pakistan**

Successfully worked in the USA with plant site owner Formosa Plastic Corporation, technology supplier, engineering consultants, contractors and vendors to accomplish safe and injury-free dismantling, packaging and shipment of EDC VCM plant at Baton Rouge, Louisiana USA. Extensively worked for staff hiring, training, plant erection, chemical cleaning, re-commissioning and restart at Port Qasim, Karachi, Pakistan for an overall 135M\$ & 60M\$ project. Process Design Package studies were done with design engineers of M/s Ineos (Licensor) for the development, review and approval of entire documentation for safe startup and subsequent operation in Pakistan, such as PFDs, P&IDs, manuals, SOPs, special procedures, safety incident data, checklists, log sheets and history records. This was the first EDC VCM plant relocation of this scale and restart in the world, completed in three years. Received "Star Performance Award" from Engro Polymer and Chemicals Ltd. (2007-2010)

## **Green Field Project / Process Plant Commissioning**

Strong grip on commissioning strategy, mechanical completion & integrity checking, pre-commissioning and operational testing, start-up operation, testing & acceptance, and managing risk & safety. Provided leadership to a team of 100 plus employees/staff for mechanical completion, pre-commissioning, commissioning and start-up of the first ever Direct Reduced Iron plant in Pakistan of Al Tuwairqi Holding KSA over 220 acres complex at Port Qasim, Karachi. Progressively worked as an interface with supply chain, planning, engineering, mechanical execution and E&I teams along with assignments at Dammam KSA and Iran for technology and experienced resources transfer. (2010-2012)

## **Site Expansion / Upgradation Projects / Plant Due Diligence / Six Sigma Projects**

During the initial years of my professional career in the fertilizer industry, extensively worked in site expansion/upgradation/six sigma projects and process plant due diligence. (1998-2006)

In the expansion project ammonia production capacity was enhanced from 1060 MTPD to 1640 MTPD through debottlenecking of process sections and inclusion of energy efficient processes. Received “Special Performance Acknowledgement” from Engro Fertilizers.

Ammonia plant Emergency Shutdown (ESD) system upgradation and implementation from conventional pneumatic-based to a state-of-the-art “triple module redundancy (TMR)”. Received “Manufacturing Excellence Award” from Engro Fertilizers.

Led multiple projects of Six Sigma in Product Movement & Storage section. Received “Special Performance Acknowledgement”.

Carried out month-long studies for “Operation Due Diligence for Kemira Ammonia plant” in Rosenberg, the Netherlands. The plant was mentioned in the Guinness Book of World Records. Later on, this plant was relocated (by Fatima Fertilizer) and restarted in Pakistan.

## **Professional Experience**

### **August 2012 - present PARCO Pipeline Operations Division,**

#### **Pak-Arab Refinery Limited (PARCO)**

Pak-Arab Refinery Limited (PARCO), is a fully integrated energy company and is the second largest entity in Pakistan’s Corporate Sector by sales. PARCO is a joint venture between the Government of Pakistan (60%) and the Emirate of Abu Dhabi (40%). PARCO has the most modern refinery in Pakistan having a capacity of 120,000 BPD, over 2000 km of cross-country pipeline network (including its JV subsidiary Pak-Arab Pipeline Company Limited (PAPCO)) with strategic oil storage of over one million tons, and TOTAL PARCO (TPPL) – a joint venture with TOTAL of France is now the third largest Oil Marketing Company in the country.

I started as Manager Maintenance for stations/terminals in 2012 and subsequently moved to Manager Operations and was later promoted to DGM and then Divisional Head in 2017. At present, I am heading the Pipeline Division as General Manager Operations and am responsible for operations and maintenance of PARCO’s 10 stations & terminals and cross-country network of over 2000 kilometres of pipelines, originating in Karachi and terminating at Machhike near Lahore.

### **Feb 2010 - Jul 2012 Deputy General Manager, Tuwairqi Steel Mills Limited (TSML)**

Tuwairqi Steel Mills Limited (TSML) is Pakistan’s first private-sector, integrated & environment- friendly Steel Manufacturing Project of Al-Tuwairqi Holding KSA at PQA.

The position held with TSML was “Deputy General Manager Operations”. The position reported to CEO through Plant Manager. The major responsibility of this position was to provide special assistance to the Plant Manager (who was from Egypt and worked on contract) in all matters about HSE, operations, technical and personnel while working as his deputy.

### **Jun 1995 - Jan 2010 Engro Corporation Ltd. (GTE to Site Manager)**

Engro Corporation Limited is one of Pakistan's largest conglomerates having a portfolio of seven businesses which include chemical fertilizers, PVC resin, a bulk liquid chemical terminal, industrial automation, foods, power generation and commodity trade. From its inception as Esso Pakistan Fertilizer Limited back in 1965 to Engro Corporation Limited in 2010, the company has come a long way and worked diligently towards its vision of becoming a premier Pakistani company with a global reach. (Nov 2006 - Jan 2010 at Engro Polymer & Chemicals Ltd. (EPCL))

(Formerly Engro Asahi Polymer and Chemical Pakistan Ltd) EPCL, a subsidiary of Engro, is the pioneer in PVC resin manufacturing and now stands tall in the manufacturing and marketing of chemicals such as EDC, VCM, chlorine, caustic and hypo. On secondment from Engro, I was among the pioneers for the EPCL 260 M\$ project of expansion and backward integration.

As Unit Manager of Commissioning & Operations - EDC VCM plant I worked for a little over two years. First look after the construction and then commissioning of the EDC VCM plant at the Port Qasim site of EPCL. EDC plant has an annual capacity of 230 KT and the VCM plant 204 KT.

Played a key role in the hiring process of production, process, maintenance and laboratory teams comprising of consultants, shift in-charges, engineers, technicians and plant operators. Also, strongly contributed to their training and development programs.

In the prior year, I worked as Head of Operations and HSE at Baton Rouge, Louisiana, USA for EDC VCM plant relocation. Worked with site owner Formosa Plastic Corporation (FPC) and US contractors to accomplish injury-free dismantling, packaging, and shipment of the EDC VCM plant.

### **Jun 1995 - Nov 2006 Engro Fertilizer Ltd. (EFL)**

(Formerly Engro Chemical Pakistan Ltd.) Engro Fertilizer is one of the top private companies in Pakistan, with the core business of production & marketing of Urea.

Positions held with EFL were Section Head Product Movement & Storages for three years, Day Engineer & Shift Coordinator of Ammonia / Urea & Utilities complex for four years, Operations Engineer Ammonia & Urea plants for a total of four years

As Operation head of the PM&S section of the production department, my main responsibility was to ensure the safe operation of three units, achieve yearly F&O targets and maximize plant shipment, keeping all PQ parameters in control. Other responsibilities included the implementation of safety, environment, quality, training & ethics policies of the company. Strong liaison with Pakistan Railways, logistics contractors, local labour contractors, marketing team, procurement team and company management.

Responsibilities as Operations Engineer/Day Engineer/Shift Coordinator included administration and monitoring operations on the 1640 MTPD Bechtel Ammonia plant, 2100 MTPD Toyo Urea plant & site utilities unit. Additional responsibilities included training personnel, monitoring expenses, planning for T/A, presentations, commissioning of new projects and working as acting Unit Manager.

## Developmental and Training Courses

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| Process Plant Commissioning and Start Up (5 days), by EuroMaTech. Australia       | UAE                  |
| Advanced Management Program (12 days), by PIM                                     | Bhurban              |
| Managerial Grid Seminar (5 days), by Grid Inc. USA                                | Karachi              |
| PSRM and Process Hazard Analysis (4 days), by DuPont. USA                         | Engro                |
| Finance for Non-Financial Managers (4 days), by LUMS                              | Lahore               |
| Fundamentals of Safety Engineering (4 days),<br>by Exxon Research Engineering USA | Engro                |
| Seminar (5 days), by American Institute of Chemical Engineering                   | Vancouver, Canada    |
| Leadership Quest Workshop (4 days)  | Thandiani, Abottabad |
| Management Skills, by American Management Association                             |                      |
| Leadership & Organizational Performance, by KSBL                                  |                      |
| Negotiation Skills, by LUMS   |                      |
| Business Process Re-engineering, by Navitus Training                              |                      |
| Techniques for Trainers, by PIM   |                      |
| Towards Achieving Six Sigma, by Sensei  |                      |
| ISO-9002 and ISO-9001: 2000, by Pakistan Quality Council                          |                      |
| General courses on soft skills  |                      |

## Personal Information

- **Birth:** May 11, 1971, in Lahore, Pakistan
- **Marital Status:** Married with 03 children
- **Languages:** English, Urdu, Arabic (reading)
- Lifetime membership with Pakistan Engineering Council
- Hobbies include books reading, traveling, and watching sports
- University color holder in cricket and captain of PARCO cricket team
- **Overseas exposure** include Europe, UK, USA, Canada, China, KSA, Thailand, Turkey, Iran. and Emirates