

Ali Al-khalifah

Project Management, Management and Leadership

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PROFILE SUMMARY

Accomplished and results-driven professional holding master's in Engineering Management, bachelor's in Chemical Engineering and PMP certified. Along with 8+ years of exceptional track record in driving excellence for the engineering, project and process with proficiency in the delivery of operations and enhancements while ensuring work is done safely, within budget and on schedule. Mainly involved in process systems for chemical plant facilities. Core competencies in process engineering and control, project planning activities as well as resource planning, cost estimates; and technical consultations, with proficiency in safety management.

- ☐ Fostered a continuous improvement ethos which ensures identification of improvement opportunities relating to existing systems, processes, quality standards & costs.
- ☐ Decisive leader with the ability experience in process automation in the chemical field.
- ☐ Expertise in working with mega-projects such as the Sadara project taking it right from the planning phase up to execution/closing phase including commissioning and start-up & turnaround activities.
- ☐ Deft with activity planning, work scheduling and monitoring to meet the project schedule with resource optimization.
- ☐ Strong analytical and problem-solving skills and ability to multi-task and prioritize work tasks to meet tight deadlines.

WORK EXPERIENCE

 **Process Automation Project Engineer (Oct 2018 – Present)**
Sadara Chemical Company, Saudi Arabia/ Jubail Industrial City 2

Designation Chronology:

- ☐ Oct 2018 – Present: Process Automation Project Engineer
- ☐ July 2013 – Present: Process Automation Engineer

*Joined the organization as **Process Automation Engineer** and moved up the career trajectories to merit promotion to the position of **Process Automation Project Engineer***

Accomplishments - Process Automation Project Engineer:

- ☐ Worked as a project focal point for 7 different chemical plants and handling process automation and project activities right from planning to close-out stage.
- ☐ Registered success in completing major process control activities as part of commissioning and start up activities in SADARA chemical plants.
- ☐ Championed process control turnaround activities and fostered effective communication with all project stakeholders (project engineers, operation, instrumentation, and other important teams).

Key Responsibilities - Process Automation Project Engineer:

- ☐ Defining a strategic framework to conducting process design, project process control scope and managing process automation resources and materials.
- ☐ Serving as a key member of the project team for achieving the project target and completion of the project within the budget and schedule.
- ☐ Developing process control as built documents.
- ☐ Providing technical inputs during estimating and commissioning activities. Understanding and ensuring project compliance with project scope, company standards and specifications.
- ☐ Proficient in demonstrating the process control logic and commission the same at various production sites.
- ☐ Accepted ownership for accomplishing projects; raised technical queries and ensured work project milestones within the planned budget, time and quality.

PERSONAL DETAILS

 Saudi Arabia - Khobar

 22 December 1990

 Male / Single

 Saudi Arabia

 English & Arabic, Japanese
(Beginner)

EDUCATION

 Master's Degree in
Engineering Management, King Fahad University of Petroleum and Minerals - Saudi Arabia/ Dhahran (May 2020)/
GPA: 3.82/ 4.00

 Bachelor's Degree,
Chemical Engineering, King Fahad University of Petroleum and Minerals - Saudi Arabia/ Dhahran (May 2013)/
GPA: 3.5/ 4.00

PROFESSIONAL DEVELOPMENT

- ☐ July 2021: **Microsoft Project Professional 2016 Certified**, Khobar/Saudi Arabia
- ☐ Dec 2020: Project Management Professionals **PMP®**, Project Management Institute PMI, Khobar/ Saudi Arabia
- ☐ Feb 2020: **7 Habits for Highly Effective People**, Franklin Covey Saudi Arabia/ Jubail
- ☐ Feb 2020: **The 5 Choices of Extraordinary Productivity**, Franklin Covey, Saudi Arabia/ Jubail
- ☐ Nov 2019: **Project Management Essentials**, Franklin Covey, Saudi Arabia/ Jubail
- ☐ Feb 2014: **Control Builder Programming, System Overview**, ABB, Saudi Arabia/ Jubail

MEMBERSHIP

- ☐ **Saudi Council of Engineers**
- ☐ **Toastmasters Internationals**

Accomplishments - Process Automation Engineer:

- Handpicked to lead & support the Sadara mega project and played a key role in project activities (PMT), pre-commissioning & commissioning and start-up activities.
- Instrumental in deploying the major process control and process operation improvements in ethylene oxide plant aimed at enhancing the operability, cost-saving, reliability, and safety.
- Recorded success in all Sadara project activities and acceptance tests such as HAT, FAT, CAT and SAT activities.

Key Responsibilities - Process Automation Engineer:

- Providing expertise in engineering, design, installation, and start-up of automation systems. Carried out all process-related activities for process automation system covering both Hardware and software configuration.
- Implementing SIS (safety instrumented system) applications and BPCS (basic process control system DCS) applications and provided appropriate technical solutions for specific project issues, directing all simulation test scenarios.
- Automating and updating process control documents.
- Designing processes to ensure the most efficient and productive operations in collaboration with the operation team and compliance with process automation principles with the chemical operation process.

Process Automation Engineer Trainee (Oct 2013 – Feb 2014) **Equate Petrochemical Company (Kuwait) part of Sadara OJT Program, Kuwait**

Key Responsibilities:

- Gained exposure and received training on Process Automation Principles and control system (Honeywell) features such as PCSD (process control specification document), comparison between BPCS (basic process control system) and SIS (safety instrument system) and Fieldbus Foundations FF.
- Hands-on-experience in Chemical Process for Ethylene Glycol Plant EG2; and gained understanding of operational process and equipment used in the production of ethylene glycol with the use of ethylene and oxygen as reactants.
- Ensured process engineering deliverables are in accordance with the scope of work, and relevant codes and standards, and company quality management procedures.

Summer Training/ Chemical Engineer (May 2012 – Jul 2012) **Almidra Tower, Saudi Arabia/ Dhahran**

Key Responsibilities:

- Contributed in research activities to search for new technologies to be utilized in different aspects in the company in liaison with research team in the Technology Management Division).
- Gained exposure and expertise in Saudi Aramco (TMD); Outlook and Insight group. Learnt how to apply theoretical principles for research methodologies and practical tasks.

Core Skills

- Project Management
- Chemical Engineering
- Multi-Disciplinary Engineering Coordination
- Process simulation/Process control
- Resource Optimization
- Commissioning and Start-Up Activities.
- Risk Management.
- Value Generation.
- Petrochemicals.
- Technical Management
- Presentation skills.
- Specification's review and validation
- Operational Excellence
- Team Management/ Leadership
- Problem Solving
- Communication & Interpersonal Skills
- Microsoft Office (Excel, Word, PowerPoint).
- Microsoft Project Professional 2016