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Operations Leadership | Commissioning experience | Performance Optimization

**Fawaz Al-Saif**

LinkedIn: https://www.linkedin.com/in/fawazalsaif/

**CAREER PROFILE**

A dynamic, results-focused leader working at the intersection of high-impact management, solution development and project execution to drive safe and efficient operations within the Oil & Gas space. Specialize at identifying and capitalizing on technical opportunities to improve processes and optimize efficiency in order to deliver increases in throughput. Transformed a gas processing unit plagued with problems by initiating and implementing 30+ modification schemes to achieve stabilization, before going on to commission and manage an acid gas removal unit – driving productivity and high-quality performance despite the COVID-19 pandemic and limited external resources.

**KEY SKILLS & STRENGTHS**

* Operations Planning and Management
* Supply Chain Management
* Staff Management and Team Development
* Performance Analysis and Process Optimization
* Change Management and Operational Improvement
* Facilities Handling (24-hours)
* Resource and Personnel Allocation
* Innovative Solution Development/Problem Solving
* Emergency Management and Issue Troubleshooting
* Cross-functional Collaboration and Teamworking
* Training, Coaching and Mentorship
* Safety Management
* Research, Analysis and Reporting
* Budget Setting and Expenditure Monitoring
* Policy, Process, System and Standards Compliance
* Process/Inventory Support and Advisory Services
* Languages: Arabic (Native), English (Fluent), French (Fluent), Spanish (Basic)

**CAREER HISTORY**

**Section Head – New Acid Gas Removal Unit (NAGRP) 2016 – Present**

**KNPC Kuwait**

*Complex, multifaceted role encompassing leadership, change management and operational functions; driving safe and efficient performance while delivering sustainable improvements. Owing to sustained success and commitment, secured a merit-based promotion*

* Personally selected to commission a new Acid Gas Removal Unit with the capacity to treat 230 MMSCFD of sour gas and 800 tons per day of sulfur during the COVID-19 outbreak.
* Undertook meticulous reviews of project documentation, including manuals, commissioning procedures, and P&IDs, before providing key input into the development of a Hazards and Operability study, and facilitating the Distributed Control Systems (DCS) Factory Acceptance Test (ESD action and DCS graphics review).
* Provide incisive leadership to a dynamic 55-60--person team, including performance oversight, professional development, and delegation of workflows in accordance with individual expertise.
* Aligned all commissioning processes with established commissioning best practices, and implemented an innovative system to support the effective management of the team on a 24-hour basis (in consideration of COVID protocol).
* Serve as a point of escalation and expertise for colleagues in troubleshooting process operations.
* Coordinate with stakeholders to secure the logistical means required to execute the plant commissioning.
* Maintained equipment in safe and functional order by rolling out maintenance and repair programs.
* Liaise with licensors and vendors to resolve commissioning roadblocks and troubleshoot related issues.
* Assess commissioning progress and implement appropriate emergency process modifications to ensure safety.
* Timely execution of the commissioning enabled the unit to run at full capacity, increasing the MAA sour gas processed quantity from 150 to 200 MMSCFD.
* Define internal skills gaps and rolled out targeted training and mentorship programs around them to improve employee performance while advocating for safety and quality.
* Between October 2016 – April 2017, and August 2021 – March 2022 served as Section Head for both the old and new AGRP to support a period of transition.

**Section Head - NGL Recovery (Ethan Recovery Unit)**

* Provide regular oversight to NGL recovery operations for 2 x 550 MMSCD NGL recovery plants (ethane recovery application), to include operational leadership, promotion management and coordination with maintenance, process engineering and other divisions to maintain safe and efficiency functionality.

**Section Head/Operations Engineer – Acid Gas Removal Unit 2009 - 2016**

**KNPC Kuwait**

*Diverse senior position working both strategically and operationally to maintain safety and quality standards while consistently delivering against challenging environmental performance/productivity targets.*

* Headed daily operations for a high-performance Acid Gas Removal Unit, consistently meeting treatment quotas of 230 MMSCFD in sour gas while producing 282 Metric Tons of Molten Sulfur.
* Diagnosed existing issues across 30 separate processes and rolled out effective modifications (and a further 20 modifications proposed by other departments) optimizing plant availability while increasing total input from 70 MMSCFD in 2011 to 120 MMSCFD in 2016-2017.
* Proactive in coordinating maintenance activities to optimize uptime while also analyzing and auditing operations to maintain compliance with HSE requirement.
* Record of success in identifying and capitalizing on opportunities to elevate performance and operations by upgrading the mechanical availability of the process plant – increasing throughout by 10% YoY.
* As lead six sigma green belt, slashed plant environmental impact by reducing sulfur dioxide emissions from 4000 to 200 ppm.
* Identified key operational requirements and coordinated both short- and long-term planning resources/personnel planning (50 employees organized into four shift teams).
* Supported the ongoing development of employees, improving internal capabilities through ongoing training, coaching and mentorship.
* Created an amine treating/sulfur recovery model using HYSYS.

**INTERNSHIPS**

**R&D Internship 03/2009 – 07/2009**

**Total S.A. France**

**Stage Ingénieur/Engineering Internship 07/2008 – 09/2008**

**OCP – Office Chérifien des Phosphates Morocco**

**EDUCATION**

**Micro-Masters in Supply Chain Management 2021-2022**

**Massachusetts Institute of Technology (MITx on EDX platform)**

**Executive MBA 2016 – 2020**

**Jack Welch Management Institute**

**Master's Degree (Engineering), Process Engineering and Environment 2003 – 2009**

**INSA Toulouse (France)**

**Master's of Research, Process Engineering 2008-2009**

**INP Toulouse/INSA Toulouse (France)**

**CERTIFICATIONS & TRAINING**

**Data analyst with SQL Career Track certification–** DataCamp **In Progress**

**Anaplan Certified Model Builder – Level 2 01/2023**

**The Anaplan way 12/2022**

**Anaplan Certified Model Builder – Level 1 11/2022**

**Data analyst with Tableau Career Track certification –** DataCamp **12/2022**

**Machine Learning Specialization -** deeplearning.ai  **09/2022**

**Introduction to Computer Science and Programming Using Python –** MITx  **08/2022**

**Lean and Six Sigma: Green Belt Certification –** SSA & Company **11/2016**

**Amine Treatments –** Amine Experts **11/2016**

**Sulphur Recovery –** Sulphur Experts **11/2014**

**Functional Safety Engineer Certification–** TUV Rheinland **09/2012**

**PUBLICATIONS**

**Alternative Claus Unit Control Strategy 05/2017**

Proceedings of the GPA-GCC 25th Annual Technical Conference, Abu Dhabi, UAE

**TECHNICAL CAPABILITIES**

* Acid Gas Removal
* Sulphur Recovery
* Plant Turnaround
* Tail Gas Treatment
* Sour Water Stripping
* Gas Plant Operations
* HAZOP Studies
* Data analytics/machine learning
* Lean & Six Sigma