**PERSONAL STATEMENT**

A Quality Engineer who works within the Oil and Gas industry. Primary responsibilities include quality assurance and quality control as well as research and investigations, in aim of identifying the root cause of any process-related failure. More than four years of experience in the Quality Control and Utilities Plant as a Process Engineer included focusing on efficiency, productivity and coordination between different departments to monitor and review energy consumption, production and controlled operation for senior management.

##### PRACTICE | PROFESSIONAL EXPERIENCE

**Abu Dhabi Fertilizer Industries – FERTIL | (Part of ADNOC Group of Companies)**

**Ruwais Field**

**February 2013 – Present**

Quality Engineer

Duties within roles:

* Associates with QCS Team Leader for all functions of the Product Quality Control Laboratory, monitoring of in-coming, in- Process, final Product and plant emissions in compliance with the Company's Vision & Mission covering the safe plant operations.
* Undertakes the quality of raw material in-process & final product through well-organized stringent quality assurance system with an objective to achieve zero customer (Internal & External) complaint and for safe plant operations.
* Complies objectives for Product Quality Control section and follows that all the activities are budgeted, planned and implemented, to achieve reliable, efficient and safe operations at optimum cost.

Responsibilities within roles:

* Coordinating all operations of the physical and chemical testing laboratory engaged in conducting quality control tests which includes calibration and preventive/predictive maintenance of sophisticated instruments and compliance of analytical schedule.
* Carrying out calibration of laboratory instruments as per the calibration planner and maintain calibration records.
* Preparing and standardizing solutions and reagents used in laboratory and maintain records.
* Identifying the purchase requirements, initiating purchase requisition, technical evaluation of offers for the items required in the section.
* Liaising on quality issues with the operations, to review the troubleshooting/upset conditions in most cost effective and timeliness manner
* Maintaining optimum inventory of all laboratory chemicals, glassware, spare parts for instruments and other laboratory equipment's.
* Preparing and periodically updates Work Instructions, procedure manual, Standard Formats, Log Books used in Laboratory.
* Preparing quality control reports, create statistical Quality Control metrics, manage non-conformity material discrepancy reports, and recommend continuous improvement activities.
* Coordinating the execution of quality assurance financial objectives by estimating requirements, preparing an annual budget (CAPEX&OPEX), scheduling expenditures, analyzing variances and initiating corrective actions.
* Maintaining QHSEMS compliance promotes awareness in subordinates & responds to emergencies in achieving QHSE objectives and compliance to Company Integrated Management System.
* Maintaining all laboratory documents related to Quality Management System of Laboratory e.g. IS0-9000, are in a constant state of regulatory compliance and inspection readiness.

Technical Coordinator - SVP Operations

Duties within roles:

* Meet with Operations department to review daily production and performance update
* Meet with the Utility department to monitor and report utility imports and gas consumption figures
* Analyze monthly production and justify production loses to improve efficiency
* To set/review the Operations departments KPI’s and ensure targets are met
* To project five year production and consumption forecast
* To coordinate with different departments to prepare 1 and 5 year budget forecast

Responsibilities within roles:

* Preparation of the Daily report: production and export figures
* Weekly report: gas and energy consumption figures
* Monthly report: overall monthly assessment
* Corporate Balance Scorecard to achieve KPI’s
* Monthly production losses report
* Five year business plan review
* Coordinate between the Operations Department and HQ on all technical matters

**Process Engineer – Utility Plant**

Duties within role:

* Preparation of daily summaries for management, detailing the performance of the process plants or utilities production and consumption
* Identification of specific problem areas within the plant and participate in trouble-shooting
* Identification of areas of the process that require technical changes or alterations in operating parameters
* Checking of in-process situations that do not conform to standards, as required by the Production Department
* Detailed process engineering work such as modifications to the process for optimizing power supply or consumption of raw materials to increase plant efficiency
* Process checks such as carrying out steam balance process control on engineering systems to facilitate computer analysis or calculation of output figures
* Technical process cost control to make sure the use of raw materials is in accordance with process guidelines and parameters
* Assistance in special analysis and tests on the process as well as interpretation of test data
* Coordination of activities with Laboratory and production personnel

Responsibilities within role:

Responsible for Utility Plant and its subsections

* Boiler Feed Water and Desalinated Water
* Seawater and Circulating Water Systems
* Effluent Treatment Section
* Firewater System
* Potable water System
* Plant Air and Instrument Air Systems
* Medium Pressure Boiler
* Nitrogen generation Section
* Natural Gas Supply

##### ACHIEVEMENTS

* Raised Change Management Request to create a tie-in between Utility 1 and Utility 2 Nitrogen unit to create emergency back up to prevent total shutdown thus improving reliability and profitability while reducing cost, saving over 500,000 dollars a day in production losses and 20,000 dollars on Nitrogen tankers alone
* Member of Energy committee to review, assess and suggest ways to improve energy efficiency within the Utility, Ammonia and Urea Plants, reducing the Natural Gas consumption by approximately 1.5 %.

##### CERTIFICATIONS | COURSEWORK

ISO 9001:2015 IRCA Certified Lead Auditor

TUV SUD Consulting

February 2017

Advanced HAZOP Techniques

GloMax Training

October 2014

**EDUCATION**

##### The Petroleum Institute BSc Chemical Engineering

##### American International School in Abu Dhabi - AISA International Baccalaureate

**KEY SKILLS**

**Personal Skills**

* Ability to work independently or in a teamwork environment
* Handling a variety of tasks and shift priorities simultaneously
* Attention to details

**Technical Skills**

* Unisim HYSIS simulation
* PHA- PRO
* MS Office
* MATlab
* SolidWorks

**REFERENCES**

References are available on request.