**CURRICULUM VITAE**

Position applied : ***Marketing & Sales Manager***

Name : ***AHMED MOHAMMAD SAWAN.***

Academic Qualifications : *Bachelor of Engineering (Instrumentation); K.B.N. College of Engineering, GULBARGA UNVERSITY (1997.)*

PROFESSIONAL EXPERIENCE:

Total Experience : **22+ Years in SABIC & ARAMCO**

2004 June. – 2022 Dec. : **SAUDI BASIC INDUSTRIES CORPORATION (SABIC), E&PM-PD, YANBU, K.S.A**

Position : LEAD *ENGINEER (ELECTRICAL & INSTRUMENTATION)*

Field of Specialization

 *Participate in site surveys of existing facilities to establish and identify the actual requirements. Monitoring and reviewing engineering design carried out by Consultant / Engineering Companies including feasibility, conceptual, basic and detailed engineering. Coordinate with other engineers during the development of the works, to ensure conformity of engineering with user’s requirements. Prepare technical documents including data sheets and requirements for material, testing and requisitions. Carry out basic technical assessment of bid documents for services and material required for the works. Participate in the clarification meetings with contractors and Vendors to ensure compliance with technical specifications & requirements. Assist the Senior Engineer in the provision of Technical Evaluation and appraisal reports. .)         Review the update technical drawings for the installations and ensure conformity of the as-built status with the Design and Technical requirements. Development and updating of the cost estimates and schedules for the works. Provision of technical support on all engineering aspects arising in discipline during the Construction phase of projects. Prepare the Detail engineering package for the field instrument, control system & analytical instruments. Conducting PHA’s, Purchase Requisition/Order Preparations, Contract Preparation, Technical Bid Analysis, and Vendor Drawing Review. Provide support for other Engineering discipline (Mechanical / Electrical /Piping/Civil & Structural), Project Co-ordination with Engineering Consultants, Vendor’s & Contractor’, Schedule monitoring, Site Supervision, Construction & Pre-commissioning / commissioning.*   *Explores and evaluate innovative technologies and advises Management for implementation. Preparation of Instrument Data sheet & Specification;*

**Key responsibilities included ensuring the following:**

* *Ability to interpret SABIC & Affiliate (YANPET, YANSAB, GAS etc.) specifications.*
* *Coordinate/Communicate with other disciplines and the Affiliate engineering department.*
* *Quality Assurance – Responsible for working within the provisions and guidelines of the Sabic Quality Assurance system.*
* *Identify issues and problems, develop appropriate solutions, and provide assistance when required to Affiliate.*
* *Mentoring assist and support junior Saudi Engineers within the instrumentation & controls engineering team.*
* *Prepare long Lead Item Technical Requisition and evaluate LLI TBA (Technical Bid Evaluation).*
* *Provide assistance and advice during procurement, construction, and commissioning activities.*
* *Ensure that contractor staff complies with HSE Policies and Procedures*
* *Ensure & take responsibility for operation as per the job description and the required deliverables from this position, taking into consideration the general company guidelines & procedure*
* *Preliminary/Intermediate/Final PHA organizing.*
* *Participate in FAT/SAT for Electrical & Instrumentation system and analytical system*
* *Preparation of Requisition / Order.*
* *Vendor drawings & document review & approval.*

***Technical Field of Specialization:***

* *In depth knowledge of Electrical & Instrumentation deliverables such as:*
* *Panel (JB and Marshalling) Design*
* *P&ID's*
* *Wiring Drawings*
* *Motor Control Schematics*
* *Bill of Materials*
* *Material Requisitions*
* *Competent knowledge of industry standards and codes related to Electrical &Instrumentation*

2002 Oct. – 2004 Jan. **: AZMI ABDULHADI & ABDULLAH AL-MOAIBED CONSULTING ENGINEERING COMPANY, AL-KHOBAR, K.S.A.**

Position : INSTRUMENT DESIGN *ENGINEER-1(ARAMCO GES+)*

###### Field of Specialization & Functional responsibilities:

 *Conduct the feasibility study for the control system. Prepare the detail engineering Package based on the FEEP. Select the suitable instrument for the specific process requirement. Develop the data sheet and specification for field and analytical instrument. Prepare Functional Logic diagram for the batch plant. Liaise with the package vendor /contractor for the instrument work. Participate in the HAZOP study. Review the documents and dwgs prepared by the control system vendor. Assist the dept. head in manpower planning, evaluation of the engineer& designers. Arrange the technical presentation/training for the instrument engineer. Prepare the ESD and F&G system based on the process requirements. Review of the data sheet, ILD, Hook up dwgs, Logic diagram prepared by the design engineers. Review design calculation done by the vendor and provide guidance to size the control valve, flow meter as per process requirements & Aramco Engineering Standard SAES. Participate in the project review meeting with end user and SAPMT along with the Project manager and provide the information required by end user.*

**Jan 2001 - Apr. 2002**. :  **ARABIAN OIL COMPANY LTD/ARAMCO GULF OPERATIONS**

Position : ***ENGINEER – INSTRUMENT***

 Field of Specialization & Functional responsibilities:

*New distributed process control system (DCS) provided in PMCR for the entire operation of storage and loading facilities. Entire storage and loading operation can be performed from operator console (OC-2) in PMCR. The operation and monitoring of PUMPS/VALVES/EQUIPEMENTS located in remote offshore area and refinery had been integrated with PMCR-DCS, and offshore loading control system (OLCS) had been integrated with PMCR-DCS.*

*Responsibilities: Testing and calibration of all critical instruments (such as control valves and field instruments). Overall co-ordination of loop checking of entire project, monitoring of schedule as per client, trouble shooting and site modification based on client approval. Project involved Honeywell total plant solutions (TPS), Smart transmitters and Control of various manufacturers.*

Sex : *Male*

Date of Birth : *29.09.1973*

Martial Status : *Married*

**Present Contact Number : *Mob: +966 -0502297896,***

E-mail : *msahmed73@gmsil.com* *, or* *msyanbu@gmail.com*