**Nukhailan M. Alanazi**

**Consultant Engineer..**

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**Career Objective**

**To obtain a challenging position in a national or multinational organization working in the**

**field of Engineering in order to achieve the ultimate benefit in all affordable aspects.**

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**Profile**

**Communicates well at all levels and is able to form working relationships quickly with a wide range of people.**

 **An adaptable and enthusiastic individual who takes great pride at work.**

**Used to working under pressure and meeting strict deadlines.**

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**Work Experience**

**• Salem Balhamer Holding (SBH)\_Dammam**

Project manager jan.2021\_present

Planning, executing, monitoring, controlling and closing projects

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**• KFMC Directorate For Operation and Maintenance \_Dammam**

Acting Director 30/10/2019\_30/12/2020

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**• KKMC Directorate for Operation and Maintenance**

1- Acting director for technical affairs at KKMC for O&amp;M (2017-present)

2- Manager of Studies and Projects Department (2014 -2017)

The department consists of four main sections as follows:-

\* Designs and Constructions which is responsible for all designs of new contract projects

inside King Khalid Military City and other remote sites affiliated KKMC.

\* New Constructions which is responsible for new constructions just inside King Khalid

Military City.

\* Road Construction and Maintenance which is responsible for constructing new roads and

maintaining old ones as per scheduled plan.

\* Technical Support which is responsible for following up the implementation and work

course of projects.

3- Manager of the Public Utilities Maintenance Department. 2007 – 2014

The department consists of nine various sections as follows:-

\*. Main power plant which consists of 8 Westinghouse (251B8) gas turbine units with the

capacity of 200 MW.

\*. High Voltage Distribution, which consists of 11 substations for deducting the voltage to

13.8 KVs out of 34.5 KVs before being distributed throughout the Military City.

\*. Chilled Water Plant which consists of 8 Carrier chiller units with the capacity of 6500

chilled tones per unit. The chilled water is pumped in a 79 kilometers long air condition

network.

\* Water Treatment Plant, which consists of 3 main plants with maximum capacity of 70

million liters a day.

\* Water Purification Plant in which we purify water through Reverse Osmosis process with a

total capacity of 1.600.000.00 Gallons a day.

4. Sewerage Treatment Plant, they are actually three treatment plants distributed all over

KKMC with a maximum capacity of 7 million Gallons a day.

\* Fuel Storage and Distribution Plants.

\*. Communication sections which is responsible for providing landline telephones citywide in

addition to other remote sites.

\*. Planning and Scheduling section

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**• Lockheed Martine Integration System Company, New York, USA (2009 - 2010)**

Working for The Lockheed Martine Integration System Company, New

York, USA in the frame work of cooperation between the Company and

the Saudi Ministry of Defense (Al-Diriyah Project) where I gained

different kinds of knowledge as follows:-

System Engineering

System Engineering integrates all the disciplines and specialty groups. SE creates and executes a

structured, systematic process in the development of systems that satisfy technical, performance, cost and schedule requirements

tasks includes

- Understanding and / or developing the Concept of Operations and Operational Requirements.

- Problem definition.

- Development of precise requirements.

- Technical planning (integrated schedule, cost) and status.

- Development of System Architecture, context diagram, documentation tree.

- Evaluating of alternative technical solutions (Trade studies).

- Modeling and simulation of solutions.

- Allocation of requirements to subsystem.

- Interface definition (including human interfaces).

- Development of System and subsystem hardware and software specifications.

- Design (hardware and software).

- Managing performance compliance during development (e. g. , TPMs, Risk).

- System integration and test.

- Sell of (acceptance test).

- Training and Development.

Mechanical Engineering

The Mechanical Engineering function encompasses the areas of traditional mechanical and

mechanical design engineering, electromechanical engineering, installation engineering,

and environmental engineering. As a participant with industry, I will actively be involved

in system, sub-system, and component mechanical design, development and test and

product installation.

- Work in a multi-functional team to develop communications for off-road military

applications.

- Participate in supplier relationships including development of statement of work, technical

specifications, and schedule.

- Apply my knowledge of applicable standards such as MIL-SPEC,MIL-STD, DefSTAN,

ASTM, ANSI, etc., and Conduct research, applying results to planning, design and

development of mechanical products.

Reliability & Maintainability Engineering

I also supported the reliability, maintainability and testability of the solutions, to

not only meet performance requirements, but to also be expeditiously and

economically support through-out their life cycle.

Field Service

I also participated in areas of field service, including equipment installation,

electro-mechanical testing and troubleshooting, customer training, and technical

support. There may also be opportunities for experience in program management,

engineering, software, and team management.

Integrated Logistic Support (ILS)

- Providing support to ILS for each of the segment engineers.

- Troubleshooting procedures at a system level.

- Reviewing / critiquing technical instructions.

- Possibly drafting procedures.

- Transport and deployment procedures.

- Conduit to human factors for load / unload.

- Determine appropriate labor categories / skills sets for operators, etc.

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**• Operation and Maintenance Directorate (Qassim) (2005 - 2007)**

\* Officer of Department of Mechanical technology.

\* Vehicles wing commander

\* Electrical Technology Wing Commander.

\* Safety Officer.

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• **Engineering and Housing Directorate**

(6th Air Defence Group - Hafar Al Batin ) (1999 - 2001)

Supervisor of the Planning and Inspection Department

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**• Saudi Consolidated Electrical Company(SCECO) Eastern Province (1998 - 1999)**

Coop. training period for (7) seven months

-Assistant Processing Engineer in generation department (DR).

- Work with plant engineers in the project of preventive maintenance in power plant.

- In the total shut down period we monitored this event and the requirements and the

steps to be done at each unit of the plant.

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**Education**

**BA in Applied Mechanical Engineering, August,**

**1999 - King Fahd University of Petroleum and Minerals, Dhahran,**

**Kingdom of Saudi Arabia.**

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**Courses**

**- Life Cycle Cost in Riyadh from 22 to 23 / 04 / 2000.**

**-Delta Electro-mechanical Training Center- Course in KG2 gas turbine Operation and Maintenance. From 08/07/2000 to 27/09/2000.**

**-International Center for Management Development (ICMD), Course in**

**-Maintenance Planning and Scheduling from 21 to 24/10/ 2000.**

**- Rotating Equipment (predictive and preventive maintenance) in Dammam from 12 to 14 / 02/ 2001.**

**- Seven Habits for Self and Institutional Success in Qassem from 24to 28 /8/2002**

**- Basic maintenance in Taif from 28/09/2002 - 15 /05/ 2003.**

**- Mechanical Fault Analysis in Dammam.**

**- Planning, Implementation, and Following-up of Utilities and Facilities Maintenance in Cairo**

**- from 27 to 31/ 05/ 2007.**

**- A course in DoD Architecture Framework (DoDAF) with System Architect from 02 – 06 august**

**2008.**

**- A course in Doors for Requirements Management from 09 – 13 august 2008.**

**-A Specialized English course in the technical terms for the specialized personnel in C4I system**

**from 26/01/2008. To26/03/2008 in the Saudi training and development Company and BAE**

**Systems.**

**- A course in Software Project Management Professional (P MP OK 3 rd Edition) from January 2009**

**to February 2009.**

**- A course in System Engineering in the Company of Lockheed Martine, USA,**

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**Appreciation Certificates**

**-An appreciation certificate from the commander of the Land Forces Royal Technical Institute**

**for the issuing of the new monthly publication of the Vehicles Technology Branch.**

**- An appreciation certificate from the chief of the Land Forces business logistics division.**

**- An appreciation certificate from the Commander of the Land Forces Aviation Institute.**

**- An appreciation certificate from the Land Forces Royal Technical Institute.**

**- An appreciation certificate from the directorate of King Khalid military City for Operations and**

**maintenance for the efforts exerted to repair and put the gas turbines back to normal operation status.**

**-An appreciation certificate from the directorate of King Khalid military City for Operations and**

**maintenance for the supervision on the project of digging well bores.**

**- An appreciation certificate from the company of Lockheed Martine, USA, for the participation**

**with Industry (PWI) program in the role of Systems Engineer.**

**- An appreciation and achievement certificate from Northern Area Commander for achieving the**

**project of laying a seven kilometers length high voltage cable to the Royal Saudi air forces**

**housing complex and the Battalion 136 Shaheen.**

**-An appreciation certificate from KFMC director**

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**Committees**

**- A chief of all projects being implemented in the Public Utilities department:-**

**1. Major Overhauling of Gas Turbine Units in the Power Plant.**

**2. Well Bores Drilling in the Water Treatment Plant with the length of 1300 meters underground.**

**3. The project of excavating new High Voltage buried cable with the length of 7 kilometers to feed the housing complex of Royal Saudi Air Forces and other vital sites.**

**-A member in the Bids Envelop opening committee 2007**

**- A chief of the technical committee of preparing technical analysis for tenders / several times.**

**-A chief of the Procurement Committee 2008**

**- A chief of the military personnel promotion committee 2002**

**- A permanent member in the (VIP) Royal visit committees regarding electricity and water.**

**- A chief of different committees in the O&M directorate, King Khalid Military City.**

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**Extra Knowledge**

**- Having extensive knowledge of Windows XP, Microsoft Word, Excel, PowerPoint, Outlook, Internet,**

**autoCAD**

**- Good presentation and communication skills.**

**-Excellent command of Arabic (written and spoken) (Mother tongue).**

**- Excellent command of English (written and spoken).**

**- Able to relocate and work with group of different cultures.**

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**Thanks for Reading My CV bearing in mind that references are available upon request**...