

# RÉSUMÉ

## Introductory Data

Full Name

Mohammad Mustafa Mohammad Al-Mandeel

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## Objectives

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company. Seeking an entry-level position to begin my career in a high-level professional environment. To secure employment with a reputable company, where I can utilize my skills and business studies background to the maximum. Seeking a challenging career with an MNC. A highly organized and hard-working individual looking for a responsible position to gain practical experience. To make use of my interpersonal skills to achieve goals of a company that focuses on customer satisfaction and customer experience.

## Job Objective

Project Management – Coordinator - Site Construction – Humanitarian/Disasters Volunteer (Acceptable Contract Status: up to Full Time with Family Contract Status: A Wife and Four Children)

## Current Job

Sep. 2022 to Date

- I just started my own engineering activity by opening office in field of electricity works: as an authorized engineer, by Syrian Engineers' Union, I got the permission to practice all required tasks in electrical fields especially in solar solutions and solar facilities supplying.
- I manage all things for various reasons and I prepare needed engineering studies and as per client demands I do the execution (construction - supervision - operation)

## My best Achievement

After unblocking of the road from Deirezzor to Damascus (2017) I, as Chief of Operation & Exploitation Department, organized, leaded and finished all the works, needed to do electrification and lighting up our city Deirezzor and its Province after defeating of Terrorism.

## Other Experiences

Sep. 2012 to Date (Ten years)

- Educator-Lecturer at **Mechanical & Electrical Engineering Faculty**–Alfurat University (Engineering Drawing – Physics – Machines and Control – Introduction to Computer Science – Solid – C++).
- Educator-Lecturer at **Civil Engineering Faculty** – Alfurat University (Engineering Drawing – Introduction to Computer Science - AutoCAD).
- Educator-Lecturer at **Petrochemical Engineering Faculty** – Alfurat University (Engineering Drawing – Introduction to Computer Science – Solid – Seismic Principles –Seismic Data Processing – Heat Transmission – programming).
- Educator-Lecturer at **Veterinary Faculty** – Alfurat University (Medical Physics)
- Educator-Lecturer at **Faculty of Science** – Alfurat University (Physics -Electronics).
- Educator-Lecturer at **Faculty of Economics** – Alfurat University (Introduction to Computer Science – Informatics in Economics).
- Educator-Lecturer at **Deirezzor Second Industrial College** (Electricity Basics– Motors & Machines – Engineering Drawing).
- At 2015 I had translated from English into Arabic a college book "**Concepts of Electrical Circuits**" by doctor Naeem Wasif – Oxford University.

## Previous Experiences

Mar. 2007 To Sep. 20022 - Previous Practice in Syria (fifteen years)

- In Public Electricity Company of Province Deirezzor (**PECDEZ**): this is a national governmental company, belongs to the public sector under administration of Public

Establishment for Distribution and Exploitation of Electricity (PEDEE) and under mandate of Syrian Ministry of Electricity and it is serving as Public Electricity Distribution Board.

**Positions:**

- Chief of Al-Iza'ah substation (July 2018 to 2021).
- Vice Manager of PECDEZ (Feb. 2016 to July 2018).
- Chief of Operation & Exploitation Department (Oct. 2014 to July 2018).
- Vice chief of Operation & Exploitation Department (Jul. 2012 to Oct. 2014).
- Chief of Transformer Substations' Subdivision – Operation & Exploitation Department.
- Chief of Coordination & Dispatching Centre – Operation & Exploitation Department

**Responsibilities:**

- All activities, related to the operation and maintenance and exploitation of 230-66-20Kv. substations and 20Kv. Distribution centers and 66Kv. - 20Kv. Overhead transmission lines.
- All activities, related to the operation and maintenance and exploitation of step-down transformer (Distribution) substations in Deirezzor and its province (actually the PECDEZ is responsible only for the medium voltage side (20 KV)).
- All activities, related to the operation and maintenance of main HV and MV circuit breakers.
- All activities, related to the dispatching and distribution of electricity in Deirezzor and its province including scheduled cut off of electricity by means of deficiency of electricity generation.

In **PECDEZ** everyone can be charged to carry out sideway tasks just like supervising, executing or other work for company's projects. So, I was charged as project manager in this period three times:

- Construction of Tala'a step-down transformer (Distribution) substation.
- Construction of Emran step-down transformer (Distribution) substation.
- Construction of 66 KV double circuit overhead transmission line from Tayem to Emran step-down transformer (Distribution) substation.

**Feb. 2003 To Mar. 2007- Previous Practice in Saudi Arabia (Four years - exactly 49 Months)**

In Saudi Services for Electro Mechanic Works Company Limited (**SSEM**): It is owned by AL-RASHID Group Companies.

- Approved by Saudi Electricity Company of Eastern Operating Area (SEC-EOA) as QA & QC ENGINEER.
- Approved by Saudi Electricity Company of Central Operating Area (SEC-COA) as SITE MANAGER.

❖ ***Nov. 2005 To Mar. 2007 (16 months)***

Construction of Al-Rashid Mall Expansion Project – Al-Khobar – Eastern Province.

This Project is owned by Al-Rashid Group. Major expansion work made it the largest shopping complex in the Kingdom with 130000 Sq. m of space. It involves the Construction of a number of separate buildings.

**Position:**

- Senior Electrical Construction Engineer.

**Responsibilities:**

In this project my carrier divided into three phases:

❖ **Third Phase:**

It is restricted by activities related to construction of Fun City at the third floor in Mall Expansion Building as follows:

- To carry out all activities related to electrical installations such as wiring, panel boards termination, 13.8 KV direct burial cables, outdoor and indoor lighting etc.
- Also, in charge of inspection and quality control for all electrical activities involved in Mall Expansion and Car Parking Buildings and submission of official inspection requests to the consultants for approval of the electrical works.
- Duties included co-ordination with project managers and consultants.
- To supervise electrical and mechanical works and co-ordinate with civil construction.
- Also responsible for all planning of electrical works and manpower distribution.
- Responsibilities also involve procurement and preparation of all electrical materials and equipment.
- Preparing detailed weekly work schedules in line of overall project schedule.
- Finally, responsible for Preparing, Submitting and Handing over As-Built Drawings and Documentation as well as Operation and Maintenance Manuals.

- Under my conducting in this stage about 40 technicians.

✧ **Second Phase:**

- It is restricted by cable activities in Utility Building and DCS construction as related to power supplying, control and telecommunication systems.
- Under my conducting in this stage about 35 technicians.

✧ **First Phase:**

- Responsible for Operation and Maintenance of DCS.
- Responsible for Preparing and Achieving As-Built and Documentation for whole project (Mall Expansion, Car Parking, Bridge and DCS).
- Under my conducting in this stage about 10 technicians.

✧ **Apr. 2005 To Nov. 2005 (7 Months)**

Construction of 69/13.8 KV SAFWA Substation #2 and 69 KV DCOHTL from Qatif BSP to Safwa Substation #2 – Client SEC-EOA - Safwa – Eastern Province. This new substation is built to serve the Safwa city in Eastern Province. The substation consists three Indian-made Crompton Greaves LTD 60 MVA 69/13.8 KV Transformers; a Japan made Mitsubishi 69 KV GIS, Schneider 13.8 KV Switchgear and control and telecommunication systems. Also, it contains all other equipment, like control, protection, data acquisition, meters, analyzers.... That made by different manufacturers. The building of Substation; Major Electro-Mechanical Erections and main Testing and Commissioning activities are already done. The remaining activities were restricted in 69 KV DCOHTL (Double Circuit Over Head Transmission Line) Construction, which were pended due to the unaccomplished agreement about the route of 69 KV DCOHTL between two substations, which is passing through the lands, belong to Aramco and Moda. And after hard and long negotiations we completed the mentioned 69 KV DCOHTL. The project also is consisting other activities such as Handing-over, concluding all client snags, Energizing, Spare parts handing over and Finishing of the Documentation and Literature.

**Positions:**

- Vise project manager.
- Senior Electrical QA &QC Engineer.
- Under my conducting in this stage about 75 technicians.

**Responsibilities:**

- Following up with monopoles manufacturer for all details.
- Erection of all Monopoles between Qatif BSP to Safwa Substation #2.
- Following up with all subcontractors, especially with the subcontractor, which responsible for access roads, finger roads and structure pads.
- Preparation of spare parts list submittal, collecting, packing and handing.
- Preparation of manuals and all documentation, necessary for handing-over.
- Keeping of all rules and demands of Safety at the site.

✧ **Dec. 2003 To Apr. 2005 (16 Months)**

Construction of New 132/13.8 kV GOSI Ghurnatta Substation #8129, Riyadh Client SEC-COA.

This new substation is built to serve the developing area of Ghurnatta, which owned by Governmental Organization of Social Insurance (GOSI). It is housing the new Carrefour branch at exit #9 in Riyadh. The substation consists two 132/13.8 KV 60 MVA Transformers and one other spare transformer (not included in this contract), a HYCO 132 KV GIS (Korea made), an ABB (Saudi Branch) 13.8 KV Switchgear and control and Alcatel telecommunication systems. Also, two 132 KV UGC (underground Cables) to connect this substation to two other substations (#8089 and #9008). Also, it contains all other equipment, like control, protection, data acquisition, meters, analyzers.... That made by different manufacturers.

**Positions:**

- Electrical Site Manager.
- Project Coordinator with SEC-COA.
- Under my conducting in this stage about 80 technicians.

**Responsibilities:**

- All activities/responsibilities, which are related to the Substation and 132 kV UGC, which are between the two substations (#8129 /#8089), and (#8129/#9008).
- Coordination with SEC-COA Representatives for arranging Inspections and all other required activities.
- Following-up with all Sub-contractors for materials/equipment etc. as per site requirements and arranging manpower schedules for works.
- All required reports and planning schedules and documentation.

✧ **Feb. 2003 To Dec. 2003 (10 Months)**

➤ SEC-COA Contract # 10331051

132/13.8 KV Al-Aqeeq Substation # 8097, Riyadh, KSA - Client SEC-COA.

This new substation is built to serve the developing district of Al-Aqeeq in Riyadh. The substation is consisting three Indian-made 1 Crompton Greaves LTD 32/13.8 KV 60 MVA Transformers, a HYCO 132 KV GIS, a Schneider 13.8 KV Switchgear and control and telecommunication systems.

**Positions:**

- Site Electrical Engineer.
- Under my conducting in this stage about 20 technicians.

**Responsibilities:**

- To supervise all site activities and material procurements.
- Responsible for Electrical Pre-checking of HYCO LCC (Local Control Cubicles), Panels & Junction Boxes of 132 kV GIS (Gas Insulated Switchgear) System.

**Aug. 1995 To Feb. 2003 - Previous Practice in Syria (Seven years and half)**

- In Public Electricity Company of Province Deirezzor (PECDEZ): this is a national governmental company, belongs to the public sector under administration of Public Establishment for Distribution and Exploitation of Electricity (PEDEE) under mandate of Syrian Ministry of Electricity and it is serving as Public Electricity Distribution Board.
- In this Period, I worked almost everywhere in Deirezzor province and practiced all activities related to the electricity and distribution boards.
- I summarized this period briefly only by the reasons of reducing and epitomizing this résumé (if you would get the experience's reference in detailed description and elaborately, I will provide you instantly).

**Positions:** (Concisely briefly during the whole specified period):

- Electrical Supervisor and Execution Senior Engineer for many projects of electrifying of several villages and towns in Deirezzor province and it included the activities related to low and medium voltage transmission lines and networks and power supplying units.
- Electrical Supervisor and Execution Senior Engineer for many projects of construction of electricity distribution centers in many cities, villages and towns in Deirezzor province.
- Electrical Supervisor and Execution Senior Engineer for many projects of construction of electricity distribution 20 KV (UGC and OHTL) and 66 KV (only OHL) networks in many cities, villages and towns in Deirezzor province.
- Manager of Electrical Studies Division in Project Department.
- Manager of Informatics Department
- Leading the Team of Substation Emergency Cases.

**Responsibilities:** (Concisely Briefly during the whole specified period):

1. Working with Governmental Committee of GIS (Geographical Information System) of Syria to put all Information & Data of Electricity of Syria in Digital Maps to ease All-Purpose Getting Information and Decision-Making.
2. Acting with Team of Managing Development Department.
3. Working with Governmental Committee to Execute the New Type of AMR Method (Automatic Meter Reading Method), which was required for Modernizing the Syrian Ministry of Electricity.
4. Acting with Governmental Committee of HV Substations Developing.
5. Acting with Governmental Committee of Developing of Syrian Electrical Over-Head and Under-Ground Transmission Networks.
6. Working with Governmental Workshop to design Standard System of Managing and Financial Automation in Syria and as well as Ministry of Communication and Technology.
7. Installing CRPC (Condensers of Reactive Power Compensation) Manufactured by Merlin Gerin with capacity 5 MVAR at the side of MV in two 66020 KV step-down transformer (Distribution) Substations (ALMAYADEEN & ABUKAMAL).
8. Structuring MV Distribution Centers in Deirezzor and its Country Side from A to Z.
9. Laying out HV & MV Cables for many Purposes & in many Places of Deirezzor.
10. Executing PMS (Power Management Systems) in Deirezzor and its Country Side from A to Z.
11. Executing Lightning Rods & Lightning Arresters in Deirezzor and its Country Side from A to Z.
12. Executing Lighting & Decorative Illumination for the Municipal Council of Deirezzor.
13. Executing all types of poles and mounting supports for lighting and all lay-out for power supply.
14. Working with Governmental workshop of Electrification of all Syria.

*P.S: this period is briefly described and not in sequence specified.*

**Apr. 1994 To Aug. 1995- Previous Practice in Syria (Less than one and half year - exactly 16 Months)**

- In Deirezzor Petroleum Company - Maintenance Team of Jafra Substation #1 and #2 that feed the Jafra Oil Production Area; this company belongs to the sharing sector under mandate of Syrian Ministry of Oil and Minerals.

**Position:**

- Electrical Site Engineer.

**Responsibilities:**

- Supervision for all site activities.
- Following up with all subcontractors.
- Recruiting and following up the manpower.
- Site schedule daily progress.

**Educational Qualification**

**License in Economics** with Specialization "Managing and Accounting of Small and Moderate Projects" – Open Education centre – Faculty of Economics -Alfurat University –Deirezzor –Syria - 2020.

**Course theses:**

- ✧ Accounting (all types).
- ✧ Management / Administration.
- ✧ Feasibility.
- ✧ Microeconomics / Macroeconomics.
- ✧ Planning / Strategy Planning

**MSc. (Master of Science) in Electrical Engineering** with Specialization of Electric-Power Supply of Urban and Rural Masses and Industrial Enterprises – IRSPTU (The Irkutsk State Polytechnic University) - Faculty of Power Engineering; Irkutsk - RUSSIA 1994.

**Course theses:**

- ✧ Organization, planning and production management.
- ✧ Power plants.
- ✧ Transitional processes in electric power supply systems.
- ✧ Relay protection and automation electric power supply systems.
- ✧ Reliability and efficiency of electric power supply systems.

**Graduation Project:**

Designing of Flour-Mill (Mechanical part is designed and done by the mechanical faculty and I had designed and done electrical part by myself with all needed calculations and selections for each electrical detail) and manufacturing a miniature mock up. A Flour-Mill that produces from the wheat, that is washed, dried and treated in the same flour-mill, 8 tons of flour with covering paper and packing bags in an hour.

**Authorities**

- Engineer-Counselor Authorization Rank for electrical studies works - *Syrian Engineers' Union 2021.*
- Engineer-Counselor Authorization Rank for electrical execution works - *Syrian Engineers' Union 2015.*
- Since 1994 Senior Authorized Electrical Engineer (High Level Electrical Authority to carry out the work in Field of Electricity with High Accuracy and Safety Demands - Syrian Ministry of Electricity).

**Professional Qualification**

*Experience*

*Particulars*

Twenty-Eight years in Electrical Engineering (since April 1994).

- ICDL (International Computer Driving License) course in international Training Centre in Deirezzor Cultural Centre. It includes MS Windows - MS Office (MS Word; MS Excel; MS PowerPoint; MS Access) - E-mail & Web Surfing Skills – Information Technology – Duration: Six months (Apr. 2008 – Sep. 2008).
- Seminar on management of substation and power grid for Syria – in NCEPU (North China Electric Power University) – Baoding, Hebei Province, China. - Duration: Three months (Dec. 2007 – Mar. 2008) - this seminar is about all topics of power grid and the emergency cases that can happen and the measures needed for avoiding blackouts and power recovering measurements, it is also containing other useful themes in modern electricity field. Also, we had visited the most prosperous factories, works, plants and laboratories that can help in material choosing and purchasing. (Especially

- the GIS S/S, transformers, Steel works and other electrical equipment.)
- Industrial and General Safety Rules for working in Electrical Establishment and Maintenance Teams.
- Construction; Erection; Exploitation & Maintenance of LV & HV Equipment.
- Construction; Erection; Exploitation & Maintenance of Control equipment's.
- Training Practical Courses of Electrical Engineering in Public Electrical Company of DEIREZZOR, SYRIA.
- Many Different Courses in all Branches of Electricity in Syrian Ministry of Electricity.
- Training Practical Courses of Electrical Engineering for Construction; Erection; Exploitation and Maintenance of all Electrical equipment in Oil Fields Areas in Deirezzor Petroleum Company.
- Two English Courses in Deirezzor, SYRIA.
- Many PC Courses in SYRIA.

### Personal Data

<i>Date of birth</i>	22 <sup>nd</sup> July 1968
<i>Nationality</i>	Syrian Arab
<i>Marital Status</i>	Married
<i>Military Service</i>	Finished
<i>Driving License</i>	Syrian: Type (B) No.353314 Saudi: Private No.918773
<i>Languages</i>	<ul style="list-style-type: none"> <li>✧ Arabic – Native</li> <li>✧ English – Excellent</li> <li>✧ Italian – Satisfaction</li> <li>✧ French – Satisfaction</li> <li>✧ Russian - Fluent</li> </ul>
<i>General Skills</i>	<ul style="list-style-type: none"> <li>○ Good communication skills.</li> <li>○ Ability to work in a group team.</li> <li>○ Ability to work under high pressure.</li> <li>○ Ability of management.</li> <li>○ Adaptable and Enthusiastic.</li> </ul>
<i>Computer Skills</i>	- ICDL (International Computer Driving License including MS Windows - MS Office Applications - E-mail & Web Surfing Skills – Information Technology) – MS Project - AutoCAD - Micro Station - Adobe Photoshop – CorelDraw – VB 6 – C++ - Ladder Language for PLCs (Programmable Logic Controllers).
<i>Learning Ability</i>	Thoroughbred tiptop
<i>Professional Affiliations</i>	<ul style="list-style-type: none"> <li>- Syrian Engineers' Union - Since 1994 – I passed all exams to capture sequential ranks, starting at Practicing to the highest rank Consultant.</li> <li>- Syrian Scientific society – Since 1995</li> </ul>
<i>Hobbies</i>	<ul style="list-style-type: none"> <li>✧ Playing Chess.</li> <li>✧ Reading.</li> <li>✧ Swimming.</li> <li>✧ Writing poems.</li> </ul>
<i>personal traits</i>	Sympathy - Ambitious - Compassionate - Courageous - Honest - Loyal - Empathy - Creative - Conscientious - Flexible - Humble - Patient - Disciplined - Curious

### References

Reference Name	Company	Job Title	Contact Info
Eng. Ibrahim shohan	PECDEZ	Director of studies directorate	<a href="mailto:eprahimaalh@gmail.com">eprahimaalh@gmail.com</a> +963-993-356600
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## **MOHAMMAD AL-MANDEEL**

- I declare that all information given in my résumé is to the best of my knowledge and belief, true and correct.
- Any other reference will be furnished upon your request
- This CV was edited 25 Sep. 2022.