

CV

Name: Majid Mohommad Ali Nema
Place and date of birth: Iraq – Karbala – 1960
Qualification: B. Sc. Electrical Engineering
(University of Technology) - Baghdad
Graduation: 1982
University study period: 4 Years
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Computer skills: Microsoft Office & AutoCAD (2D &3D)



Proficiency of language and degree

	Speaking	Writing	Reading
Arabic	Excellent	Excellent	Excellent
English	Good	Good	Good

Experience:

Period 10

From: 1/11/2012 until now.

Company: Al-Sawa United Company -Iraq.

Position: Consultant and supervisor Electrical Engineer.

Discretions:

Al Kerkh Waste Water Treatment Plant/ Albu Etha.

1-Redesign all electrical works for power plant stations and service building including:-

- Internal and external lighting using DIALux and Relux software.
- Power sockets.
- HVAC system.
- Fire alarm system.
- Telephone system.
- Power Factor System.
- Earth and lightening system.
- Main and secondary distribution boards.

3-Checking all motor control center (MCCs) that operate all equipment, motors and instruments.

4-Drawing all above works with AutoCAD

Period 9

From: 2/11/201 to 1/9/2015

Company: Al-Dewale Private Hospital -Iraq.

Position: Consultant and supervisor Electrical Engineer.

Discretions:

1-Design and supervising all electrical works including:-

- Internal and external lighting using DIALux and Relux software.
 - Power sockets (13&15) A and industrial.
 - Power for x-ray system, blood bank, biologic laboratory, sonar system, MRI machine, delivery rooms, emergency room equipment and autoclave.
 - Fire alarm system.
 - Telephone system.
 - Nurses and doctors calling system.
 - Main and secondary distribution boards.
 - Main transformer and three generators with sequence system.
- 2-Drawing all above works with AutoCAD.

Period 8

From: 1/11/2010 to 15/4/2015

Company: Golden Spectrum for Engineering Technologies Company -Iraq.

Position: Electrical Department Manager

Discretions:

- A. 2 Compact Units Waste Water Treatment Plant/ Albu Etha.
- B. 5 Compact Units Waste Water Treatment Plant/ Rustamiah.
 - 1-Design all electrical works for administration, water pretreatment, power plant station and service building including:-
 - Internal and external lighting using DIALux soft program.
 - Power sockets.
 - HVAC system.
 - Fire alarm system.
 - Telephone system.
 - Earth and lightening system.
 - Main and secondary distribution boards.
 - Power factor improvement.
 - 2-Design the street lighting poles and external lighting (floodlight) for concrete tanks (LUCAS).
 - 3-Checking all motor control center (MCCs) that operate all equipment, motors and instruments.
 - 4-Design all medium and low voltage main panel and distribution boards that feed all Motors Control Center and buildings and determine the suitable sizes for all cables and circuit breakers by using Ecodial and Simaris soft design.
 - 5-Calculate the rated power for transformers and generator sets with all their cables.
 - 6-Calculate all sizes and length of ladder and tray cables.
 - 7-Calculate the voltage drop of all cables according to National Electrical Code.
 - 8-Supervising all above electrical works.
 - 9-Drawing all above works with AutoCAD.

Period 7

From: 1/5/2005 to 1/11/2010

Company: Tigris Enterprise Company -Iraq.

Position: Electrical Department Manager.

Discretions:

- 1-Design and supervision all electrical works for the building that rehabilitated in POD 6 & POD 4.
- 2-Drawing electrical plans for all building by AutoCAD that include Lighting, Power socket, Industrial socket, Fire alarm system, Wiring and, Secondary & Main Distribution Boards according with National Electrical Code.

Period 6**From:** 6/9/2004 to 30/11/2004**Company:** CAO A Joint Venture-Baghdad-Iraq.**Position:** Senior Site Engineer**Discretions:**

- 1-Design and supervision all electrical works for the Rail way stations building

Period 5**From:** 1/9/2003 to 10/6/2004**Company:** Global carpet & rug industries – Sahab industrial city – Jordan**Position:** Senior Supervisor**Discretions:**

- 1- Operating and maintaining machines brand MICHEL VAN DE WIELE.
- 2- Maintaining & preparing all electronic cards, which are belonged to the control of the machines.

Period 4**From:** 23/5/1999 to 31/8/2003**Company:** The National company for manufacturing and containers and bottling – Al Mafraq – Jordan.**Position:** Senior Supervisor**Discretions:**

Operating and maintaining machines brand NISSEI and MAGIC that produce PET bottles size (0.5, 1, 1.5, and 2) liters.

- 1- Operating and maintaining all PLC system type KOYO and GEVRAN that control on the PET machines.
- 2- Operating and maintaining the cooling tower system and water chillers.
- 3- Operating and maintaining hydraulic system that are belonged to PET machines.
- 4- Operating and maintaining bottling line with capacity of 6000 bottles per hour.
- 5- Operating and maintaining the ozone system, which sterilizes the water before bottling.

Period 3

From: 18/11/1997 to 3/5/1999

Company: Amra salt manufacturing Establishment -Sahab industrial city – Jordan

Position: Senior Supervisor

Discretions:

- 1- Design all the electric circuit for the factory including main distribution board and main control board and local board plans.
- 2- Installing and connecting the main distribution control and local board.
- 3- Supervising the maintenance and operation of the factory and supervising all the electric system.

Period 2

From: 11/10/1990 to 28/10/1997

Company: Northern Rumela oil fields – Ministry of oil – Iraq

Position: Maintenance Engineer

Discretions:

Maintenance and operation of high-tension station, capacity 33KV, power10 MVA and included the following:-

- 1- Main station feeder outdoor high-tension circuit breaker, capacity 33 KV.
- 2- Bus bar high tension feeding two transformers.
- 3- Secondary outdoor high-tension circuit breakers feeding two transformers.
- 4- Current and voltage transformers to measure the electric power entering the two transformers.
- 5- High – tension transformers (33/11) KV capacity of 5 MVA each. Each feeding a group of high – tension circuit breakers
- 6- Indoor circuit breakers feeding electric transformers capacity (11/0.4) KV.
- 7- Electric charges type AEG DC 110 V for charging of batteries that feeds the protection control and operation the factory.
- 8- Improving of factor system

Period 1

From: 20/11/1982 to 5/11/1990

Company: South oil company – Ministry of oil – Iraq.

Position: Maintenance Engineer

Discretions:

- 1- Operating and maintaining all motors (induction and synchronous) that work on 50 Hz frequency also DC motors.
- 2- Design and manufacturing of all types of starters for all electric motors which work in one stage also two stages (Y/Δ).
- 3- Operating and maintaining air compressors brand ATLAS COPCO, REVALL and BRC.
- 4- Operating and maintaining electric generators brands CUMMINS and CATERPILLAR and operating and maintaining control board which

switches from the main electric supply to the generator in case of main power outage and vice versa.

- 5- Repairing and maintaining low-tension circuit breakers capacity of 1500 A type AEG.
- 6- Design, maintenance, and manufacturing of low tension network board.
- 7- Operating and maintaining American steam boiler (KEWANEE) capacity of 3 tons steam/ hour with connecting all the pressure gages and electric floater.
- 8- Installing and operating and maintaining plastic containers factory belonging to oils department Basra refinery and it included the following:-
 - Installing and connecting the main distribution board, which contains three phase circuit breakers with contactors and overloads and current transformer for electric motors.
 - Installing and connecting a full earth system.
 - Installing and connecting the main control board that control the operating of all of the electric motors also connecting this board with the local board in the factory.
 - Maintaining and operating a water – cooling system works on Freon 12 capacity 10 tons.
- 9- Maintaining and operating a water purification station with capacity of 100 cubic meters per day includes the following :-
 - Main distribution board for all electric motors.
 - Electric submersible pumps, centrifugal pumps, and dosing pumps for pumping of chemicals

COURSES

COURSES 1

Subject: Maintenance and operation of electric motors used in oil projects.

Location: The oil education center – Baghdad.

COURSES 2

Subject: Types of electric insulation used in high-tension lines.

Location: Iraqi engineers union- Baghdad.

COURSES 3

Subject: Installing, maintaining, and repairing low-tension network.

Location: College of engineering University of Baghdad..