

CURRICULUM VITAE (CV)

RAED SADEQ RADHI

Place Data of Birth: Baghdad 5\4\1973

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Professional Qualification:

Sr. No.	Name of Degree	Name of Institute/College/University	Period of study	Class	%	year
1.	E.T (Electronic Technician)	Vocational training for electronic equipment Institute (Government polytechnics)	Three years	Distinction	79.1%	1993
2.	B.Sc (In Electrical Engineering & Education.)	University of technology /Iraq- Baghdad	Four years	Pass	63.09%	2001

Certificates & courses

1) SIMENS-Certificate/Spectrum SCADA OJT System.

Duration: 60 Days.

Institute: SIMENS Head Office Amman Jordan

2) OMICRON-Certificate/ Introduction to Protective Relay Testing using the CMC 256.

Duration: 3 Days.

Location: OMICRON Representative, Amman Jordan.

3) OMICRON-Certificate/Power System Protection Testing with the OMICRON Test Universe.

Duration: 4 Days.

Location: OMICRON Academy, Bahrain.

4) OMICRON-Certificate/Measurements of Power Transformers with the CPC100 and the CP TD1.

Duration: 2 Days.

Location: OMICRON Academy, Bahrain.

5) OTS-Certificate/MKVI Speedtronic Control System Maintenance.

Duration: 14 Days.

Location: OTC UAE Dubai.

6) OTS-Certificate/Mark VI Maintenance Speciality.

Duration: 14 Days.

Location: OTC Amman, Jordan.

7) Megger CE-Certificate/Megger products:

Megger TTR330-47, Megger DLR0200, Sverker650, Megger TTR100, Megger 220163-47, Megger BM19093

Duration: 7 Days.

Location: Amman, Jordan.

8) USACE-GRD (United Stet Army Corps of Engineering) Qudas Expansion Project/Certificate of Appreciation.

Duration: -

Location: Iraq, Baghdad.

9) Excel Institute for Administrative Training/Certificate-Basic First Aid.

Duration: 2 Days.

Location: Oman/Muscat.

10) Excel Institute for Administrative Training/Certificate-Risk Assessment.

Duration: 1 Day.

Location: Oman/Muscat.

11) Excel Institute for Administrative Training/Certificate- Electrical Safety Rules.

Duration: 2 Days.

Location: Oman/Muscat.

12) Excel Institute for Administrative Training/Certificate- HSE induction.

Duration: 1 Day.

Location: Oman/Muscat.

13) DCRP licence (DISTRIBUTION CODE REVIEW PANEL), which it is one of most important licence for work as Testing Engineer in Oman.

Duration: -

Location: Oman/Muscat.

Technical Skills:

Project experience of:

- Power plant up to 500MW-4x132MW GE frame 9/Technical Manager and leadership team for installation & test commission of mane Transformer, Switchgear & control System for the units and BOP (Balance of Plane).
- Power plant up to 100MW-2x50MW SIEMENS SGT-800/ Head of Electrical Department - leadership team for installation & test commission of mane Transformer, Switchgear & control System for the units and BOP (Balance of Plane).

- Grad Station 400/132KV-Installation test and commission team for GIS & AIS switchgear and protective relays panel.
- Grad Station 132/33KV-Installation test and commission team for AIS switchgear protective relays panel and transformer.
- Substation 33/11KV-Installation test and commission GIS & AIS Switchgear Protective relays panel and Transformer.
- Prepare, coordinate & starting of the construction and all requirement for project Starting from tendering bidding, PEP (project execution plan) until hand over the project to Client.
- Test and commissioning Engineer ,
 - 1-All Routing test of switchgear, Transformer, Circuit Breakers, CT/VTs.
 - 2-All Dielectric test of switchgear, Transformer, Circuit Breakers, CT/VTs.
 - 3-All Type tests and other -Required of customer Specification.

Career Objective:

I aim for a career in the fields of Electrical substation and generation with a professionally managed organization that provides me with a dynamic and challenging environment and furnishes opportunities to foster, excel and overcome my shortcomings.

Work experience:

- 1- Presently I am working in “**Modern Light Trading & Contraction Company L.L.C -OMAN/Muscat** ”, as Senior Project Engineer.
Duration: 9th Oct-2012 to till date.
Company takes a contract of substation testing and erection up to 132kV class.

RESPONSIBILITY:

- Pricing, estimation cost and make breakdown for all material and technical required for EPC contract-Electrical section.
- Co-ordination with the client, vendor, sub-contractor& consultancy etc. and all Correspondence for EPC project.
- Review the all electrical as well as civil drawings.
- Review all report before sending to client like Weekly, Monthly report, S curve & PEP.
- Work allocation to worker as well as new engineers.

- I have Oman licence (DCRP, Distribution Code Review Panel) as “Test & commissioning Eng.” To do all the testing of the all Electrical Equipment, Transformer, Switchgear, capacitor, CT, PT, Circuit Breakers etc.
- In present I am project manager for 2x20MVA Transformer 33/11kv substation with **Rural Areas Electricity Company SAOC (RAECO)**
 - 20MVA TX 33/11KV VOLTAMP Co. OMAN,
 - 33KV GIS type (8DA 10) Switchgear by SIMENS German,
 - 11kv AIS type (PH-700F/800F) by Jyoti Sohar Switchgear L.L.C, Oman,
 - Control Relay panel & protective relay type (SIPROTECH Relay 5EB20 By SIMENS and other) by Power Economy Co.UAE .
- Associate project manager of 3x20MVA transformer 33/11kv substation with **Electricity Distribution Company SAOC (MEDC).**
- Associate project manager of 3x20MVA transformer 33/11kv substation with **MAJAN Co.**

2- **PEW (Power Engineering Word)Baghdad- The main office Amman Jordan ,**

2, 1 Position: Technical Manager.

Duration: May-2011 to July 2012.

RESPONSIBILITY:

Technical Manager in AL-QUDUS /3 project, 4x132 MV Generation Units GE Gas Turbine frame 9, three 400kv diameter switchyard (SIEMENS Turkey)& BOP “Balance of Plant ” with main contract HYUNDAI ENGINEERING CO.,LTD Iraq/Baghdad.

- Co-ordination with the client, main contract, sub-contractor& consultancy etc. and all Correspondence in this regard.
- Review the all electrical as well as civil drawings.
- Review all report before sending to main contract like Weekly, Monthly report & PEP.
- Work allocation to worker as well as new engineers.
- Do the testing of the all Electrical Equipment, 12MVA 6.6/15KV AUX Transformer type (SANIL ELECTRIC CO., LTP KOREA), 120/160MVA - 400/15KV Transformer type (HYUNDAI HEAVY INDUSTRIES CO.LTD), 6.6KV Switchgear by (LS INDUSTRIAL Systems, KOREA), 400KV outdoor AIR Switchyard (SIMENS TURKEY), etc.
- Maintaining the calibration of equipment.

2, 2 Position: Head of Electrical Department.

Duration: Feb-2008 to May 2012.

- **Supervision and representative of TDS “Technical Diagnostic Services” Oil refinery project in Erbil north of Iraq (within PEW Co.)**Supervision the test and commission of switchgear (Schneider), protective Relay (SEPAM DIGITAL RELAY).
- **AL-Rasheed Project** /Constructing of Two Unit Power Generation 2X50MW type SGT-800 SIMENS with BOP, 6.6KV Switchgear (Korean type by VITZRO TECH Co.), & fire fighting equipment.
- Test and calibration all instrument (RTD, thermocouples etc.).

- Loop checks all the wiring between UCR (Unit Control Room), JB's (Junctions Box), Equipment's & BOP (Balance Of Plane) including optical fibre connection.
- Workshop with SIEMENS commissioning team for Measurement, Calibration, loop check of controller Units type (SIMATIC controller PLC S700).
- Installation test & commission of two main & auxiliary transformers 11/6.6kv & 11/132KV.
- Primary & secondary injection & dielectric test of CB, CT, VT, Measuring instruments & Protective relay type (VIP AM 3000 – VITZRO TECH).
- Installation test commission of GE type Fair Intelligent System (GE Security's QS4 Quick Star).
- **AL-NAJAF Power Plant with mean contract AL- Hura Co.**, Construction installation of two Unit Generation 132MW GE frame 9E with all its accessories and BOP.
- Installation test & commissioning of all instrumentation equipment (RTD, thermocouple, measuring instruments etc.).
- Loop check all the wiring work between TCC (Turbine Control Compartment), JB's (Junction Box), equipment's & field BOP (Balance of Plant) etc..
- A member of the PSN company working group of commissioning Turbine Controller Mark V.
- Installation test commission of two main & auxiliary transformer, 2x 125/165MVA 132/15KV & 2x 6MVA 6.6/15KV (EMCO LIMITED MUMBAI, INDIA).
- Primary & secondary injection & dielectric test of CB, CT, VT, Measuring instruments & GE Protective Relays.
- Team Leader of installation all steel structures equipment, control & protection panel of 132KV switchyard (ABB India).
- Installation test commission of GE type Fair Intelligent System.
- Installation test commission two link line (commination, protection system –PLC type ABB ETL 640)
- Installation SCADA system panels and loop test of all the wiring.
- **AL-QUDS Expansion project.** Supervise of installation team of all steel structures equipment's and control protection panels of 400kv switchyard (ABB Sweden).
- Installation test & commission of ABB 6.6kv switchgear type (UniGers ZS1).
- Installation test & commission of two main & auxiliary transformer 15/6.6kv & 15/400kv.

3- **VATECH Co. Baghdad- The main office Amman Jordan ,**

Position: commissioning and SCADA System Engineer.

Duration: Dec-2007 to Jul 2008.

- **AL-RSHEED 400kv substation-Baghdad.**
- Installation of two link line (Communication & protection system –PLC SIMENES).

4- **AL-BILAL Group , Baghdad- The main office Amman Jordan ,**

1-1 Position: **commissioning and SCADA System Engineer.**

Duration: May-2006 to May 2007.

- Installation test & commissioning of many substations throughout Iraq Under a contract my company with WII co.” **Washington International Incorporated-USA Company”**.
- Installation of link line PLC (Power Line Carrier, SIMENS), communication, protection System.

1-2 Position: **Head of Electrical & team leader**

Duration: May2005 to May 2006.

- Installation test commission of five substation ABB 6.6kv switchgear type (UniGers ZS1).
 - Installation test & commission two Transformer 33/11KV.
 - Installation test commission of Fair alarm System.
 - Primary & secondary injection & dielectric test of CB, CT, VT, Measuring instruments & ABB Protective relay.
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NBC News Baghdad Bureau,

1- Position: Electrical Engineer.

Duration: May-2004 to May 2005.

- Installation of Studio with Audio and Video Equipment.
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Another experience:

- Ten years’ experience in field of electronic cards and logical and build the interface between PC and other device.
- Building all type of circuit through using the LCA “Logic Cell Array”.
- Install, repair and maintenance all type industrial and personal computer.
- Installation internet system and network.

Passport detail:

- Passport Number: A9208693
- Date of issue: 21/10/2014
- Date of expire: 19/10/2022

Personal Information:

- Date of Birth : 05/04/1973
- Preferred area : Any Where if good opportunity
- Hobbies / Interest: Reading Technical Papers, Listening Music, swimming.
- Religious : Muslim.