



## C.V.

Name : AHMED MOHAMED RASHAD SAID

Nationality : Egyptian

Present position : emeritus .Professor. .Dr. Eng.

(Electric power system) at faculty of engineering (shoubra) –  
Benha university

-General coordinator of university councils and committees emanating.

-General secretary of the council of faculty of engineering (shoubra) - Benha University three consecutive years.

-General Secretary of the Association of patronage, Faculty of Engineering in Shoubra three consecutive years.

-Consultant Dean of Faculty Engineering (Shubra) Benha University three consecutive years.

-Chairman of the development and modernization of the administrative system, Faculty of Engineering (Shoubra) a three consecutive years

-Deputy Director of Quality Assurance Unit, Faculty of Engineering (Shoubra) Benha university.

- Chairman of the Commission on the Status laboratory plants electrical specifications of the Department of Electrical Engineering, Faculty of Engineering ( Shoubra)
- A full-time professor to teach post graduate curricula and scientific supervision of Electrical Engineering Department.
- Supervisory Committee, Department ofElectricalEngineering Academic Members.
- Member, Committee for the development of curricula and teaching regulations of the Department of Electrical Engineering- Faculty of engineering (shoubra).
- General supervision of the engineering management and maintenance of electrical and construction and drafting of contracts and tenders at the University of Benha.
- Chairman of the Committee of the engineering reports Judiciary in a circle Parquet coast Shubra neighborhood of Cairo.
- Professor of electrical and petroleum distribution networks projects, Department of Electrical Engineering, Faculty of Engineering ( Shubra) Benha University.

Qualifications :

Ph.D. Hungarian Academy of Science, 1986.(Last)

Fellowship :

Budapest Technical University 1994-1995.

Membership :

Syndicate of Engineers – Cairo

Kuwait Society of Engineers – Kuwait

ATP\_EMTP program users – Germany

Social status : Married

Date of birth : 9-11-1953

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## **FIELDS OF INDUSTRIALEXPERIENCES**

*A- Ministry of Electricity and Water - Kuwait state (High Voltage)*

I had been working at substation construction and maintenance section at ministry of electricity and water - Kuwait in high voltage transmission electric networks. My professional activity is mostly on the following fields:

### **1- SUBSTATION MAINTENANCE SECTION:**

I was mainly responsible for supervising on an international company teams (Siemens, B.B.C. etc.) for various maintenance projects for different types of high voltage substations up to 300/132/33/11 K.V. of various makes such as M/S Siemens, M/S B.B.C., M/S Cogalex, M/S Hitachi, M/S Mitsubishi, M/S Transelectro, etc.

My Main Job included the maintenance of outdoor, indoor switchgear oil, SF6, Vacuum and air blast switchgear.

## 2-SUBSTATION CONSTRUCTION SECTION:

Construction of new substations, modifications of existing substations.

### *B- Kuwait National Petroleum Company (K.N.P.C.):*

I was an employee in K.N.P.C. for a period of Seven Years.

- Directs, supervises and effectively controls activities of contracts mostly in the electrical field concerning with petroleum depots, bunkering, self-service filling stations.

Supervises and effectively control engineering quality of all projects of the department from point of view of design and construction.

- Maintaining the up to date required of international and local standards and specifications.

- Preparing technical specification, bill of quantity and cost estimate for department projects.
- Supervises and effectively controls the activities of tendering procedures through C.T.C.
- Pre-qualification of contractors/vendors.
- Preparing rules and regulation, of the contracts.
- Evaluation for the contractor's staff.
- Responsible for coordination between services. (Civil, mech., elect.) and working drawings approvals.
- Responsible for inspection Materials and equipments.
- Supervising the progress of work on sites.
- Testing and commissioning the projects.
- Handing over the projects.
- Purchasing material and equipments.
- Supervising contractor teams for establishing projects.
- Preparing payment certificates for projects.
- Issues official letters to contractors and concerned authorities.
- Supervising site meetings for the projects.
- Training and teaching a programs for engineers.:
- Design & construction of Electrical ,Telephone , fire alarm and sound systems for large buildings

## **B-FIELDS OF TEACHING EXPERIENCE:**

Holding a courses and lectures for the following fields:

- Elements of power system analysis.
- Power system protection relaying.
- Electrical Measurements and Instrumentation.
- Basic Circuit theory.
- Fundamental of electrical engineering.
- Transmission and Distribution of Electrical power.
- High – voltage A.C. circuit-breakers and substations
- Industrial project managements & feasibility study.
- Utilization of electrical energy.
- Economy of electrical energy.
- Engineering laws
- Projects for final year for undergraduate students.
- Over voltage phenomenon and Insulation coordination (post graduate)
- Measurement of high voltages and currents (post graduate)

Technical reports writing (post graduate)

I am teaching the above mentioned topics in the following faculties:

Faculty of engineering (Benha, zagazic universities), , Faculty of agriculture ( zagazic university) – academy of specified studies – industrial college ( Helwan university) – Academy of Military in Cairo –  
Supervisor for post graduate degrees

### **PUBLICATIONS:**

- 1- “New Method of reducing the secondary arc duration time for E.H.V. Lines” Academy of science Journal Budapest 1986.
- 2- “Induced component of the secondary arc current” Academy of science Journal - Budapest 1987.
- 3- “Dependence of the secondary arc duration on the value of TRV on the fault location” Academy of science Journal - Budapest 1987.
- 4- “Special application of MOA for improving the effectiveness of SPR on long E.H.V. Lines” Academy of science Journal - Budapest 1987.
- 5- “Case study on GIS defects and new possibilities for preventive maintenance” Periodica Polytechnica Journal - Budapest, 1994.

- 6- “Very Fast transient” Electrotechnika Journal - Budapest, 1995.
- 7- “Synchronous closing control for shunt capacitors” Electrotechnika Journal - Budapest 1995.
- 8- “Controlling the switching operation for three phases reclosing in extra high voltage systems”. Al-Azhar Engineering fourth international conference, 1995.
- 9- “Application of point - on - wave controlled switching on the 750 KV circuit breakers used for shunt reactor switching off” Al-Azhar Engineering fourth international conference, 1995.
- 10- “Very fast transients and theirs effect on transformer winding” Periodica Polytechnika - Budapest, 1996.
- 11- Use of neutral reactors for improving the successfulness of three phase reclosing “IEEE Tech, 99 Conference.
- 12- An on-line fuzzy logic system for voltage/var control and alarm processing, Journal of AL Azhar University Engineering sector JAUES 2012.

***PARTICIPATION IN AN INTERNATIONAL  
SCIENTIFIC CONFERENCES***

- *CIGRE*: Transient over voltage-Budapest 1985.



- *CESI*: Over voltage and insulation coordination 1987.
- *FIFTH INTERNATIONAL SYMPOSIUM*: High voltage, braunschweige, West Germany, 1987.
- *KUWAIT RESEARCH INSTITUTE*: Saving energy, KUWAIT, 1984.
- *CSI - USA* : Construction specification, KUWAIT 1988.
- *BROWN - BOVERI* : Explosion protection, KUWAIT 1989.
- *AL-AZHAR ENGINEERING FOURTH INTERNATIONAL CONFERENCE*: Power system transient for E.H.V. networks. Cairo, 1995.