

## CURRICULUM VITAE

- ١ .NAME Abdalsalam Abdalla Dafalla
- ٢ .NATIONALITY: Sudanese
- ٣ .DATH OF BIRTH: 1956
- ٤ .MARITAL STATUS: married
- ٥ .ADDRESS: P.O.Box 407, Khartoum, Sudan  
email-aadafa@hotmail.com
- ٦ .QUALIFICATIONS:
- Ph.D.Degree** in chemistry, from Khartoum University-Sudan titled(Characterization of Sudanese Crude oil) February ٢٠٠٢.
- Master of Science (M. Sc )1983** in Chemistry from faculty of Science, King Abdelaziz University Jeddah Saudi. Arabia. securing a very good grade .
- Bachelor of science (B. Sc)1979** in Chemistry from faculty of Science, King AbdelAziz University, Jeddah, Saudi Arabia, securing very good grade.
- ٧.**EXPERIENCE:** Five years (1978-1982) as a research assistant on par time bases at Hajj Research Center Jeddah, Saudi Arabia, The work assignment was to check the pollution such as ammonia , ozone carbon oxides etc Using chemical advance equipment, beside

noise measurement. Also environmental conditions, such as temperature ,dust, humidity , rain, wind and biological pollution.In cooperation with Egypt research center .

**Eight years** (1983—1991)as Unit Engineer (chemistry) with consolidated electric Co (SCECO-Central)Riyadh Saudi Arabia

Being in charge of the chemical laboratories of technical studies Department, Scientific and Engineering Services Division, SCECO-Central the job assignment was:

\*Prepared specification for construction of central laboratories of the company and also supervised the construction and equipping work including contacts with international and local companies/suppliers. The lab was completed and started operation in 1987.

\*Carrying out studies in the field of chemistry related to generation and transmission.

\*Supervision of fuel chemical laboratory for testing crude oil,, diesel oil, lube oil, transformer and insulating oils, water using different advanced equipments.

**Seven years** (1992—1999) as an assistant professor at chemistry department! Sudan University for Science and Technology. Teaching inorganic chemistry . The work includes supervision of projects and searches in different topics such as oil and oil products.

**Seven years** (1999—2007) as an associate professor at chemistry department-Sudan university for science and technology. Teaching different courses in chemistry for graduate students, Higher diploma and supervising master and Ph .D students .Also I have been external and internal examiner

for many theses for M.Sc and PhD in different universities in Sudan.

**Two years** (2003-2004)  
cooperating with Khartoum university ,science college ,chemistry department ,Teaching different topics in inorganic chemistry.

**One year** (2005)  
cooperating with Omdurman Islamic university in teaching some courses in chemistry.

## **Publication & Scientific Papers**

- 1) (Some Substituted Thiourea Complexes of molybdenum carbonyl) co-authored paper in Polyhedron vol 3 pp 235-238 (1984) U.K
- 2) (Practical Experience on Some properties of crude oil used by SCECO central) A paper presented in the first symposium on electric power system in fast developing countries (20-24 march 1987) under the auspices of King Saud university —with cooperation with IEEE- Regions 8 (America) the paper has been published in the conference proceeding. Saudi Arabia
- 3) (Some physiochemical Characteristics of lubrication oil used in Gas turbines ) A paper presented in a symposium on maintenance planning and operations at 'King Saudi University (mech . Engineer, faculty) (17-19 march 1990). Saudi Arabia.
- 4) A paper titled (Some physiochemical characteristics of lubrication oil used in gas turbines) published by the society of Tribologists and lubrication Engineer, Oct . (1992) Volume 48-10.pp 793-798. U.S.A
- 5) (Chemical and physical properties of some deposits on Gas turbines blades using crude oil as a fuel) - This work was presented in the second Sudanese chemical Conference (Sudanese Crude oil now and future) held in Khartoum- by Sudanese Chemical Society in Co-operation the Concorp petroleum 3-7 Feb (1993). Sudan
- ٦) (For an active education system) A search got prize of ISESCO 1997 in Education (Islamic Education. Scientific and cultural Organization) Rabat , Morocco.
- 7) (Study on mixing cable mineral oil with synthetic oil) a paper accepted by symposium French — Lebanese symposium on the metrology of materials and phvsio — chemical analysis proposed on 30 Nov. 1998. Beirut-Lebanon
- 8) (Basic Sciences & Security) presented in the Arabic Conference for Education & Security, held at Academic Naif Arab for Science & Security in Sept. (1999) Saudi Arabia.
- 9) (Properties of lubrication oil and its performance and changes after use -in motor cars). Presented in the Scientific Research Outlook in the Arab world and the new millennium: Science and Technology at university of Sharjah in April 24—26 (2000) United Arab Emirates

- ١٠-(Chemical and physical properties of some deposits on gas turbine blades, using crude oil as a fuel ) published by Journal of Science and Technology --Sudan University of Science and Technology Vol. 1 No.2- June 2000 Sudan.
- 11-(Teaching Education repair to fit the Globalization) presented in the debate of the globalization and higher educational scientific research in the Arab World held in Tunis University of Science , Technology and Medicine, in corporation with Arabic Universities Union Nov.20--23.( 2000) Tunis.
- ١٢-(Pollution and environmental effect on solar energy ) presented in the Sharjah Solar Energy Conference . .Incorporating the 7<sup>th</sup> Arab International Solar Energy 8 Conference Regional World Renewable Energy Congress. Feb.19---22.2001 Sharjah U.A.E
- 13 -Attending The International symposium on Elemental Sulfur (for Agronomic Applications and Desert Greening (ESAA-DG Co-sponsors by Externally Funded Office for Research and (Petroleum Energy Center (JPEC Science (eFORS) and Japan .United Arab Emirates University-Abu Dhabi Feb. 24-25 2002
- 14 -The Chemical effects for the use of power on environment and Natural resources) presented in the second Symposium on Scientific sponsored by the- SRO2002- world Research Outlook in the Arab United Arab – Arab Science and Technology Foundation (ASTF) Sharjah Emirates 24- -27 Mars. 2002
- 15-Technical Development in the Arab World with new Globalization ) presented at the Debate held by the higher consul of arts and social sciences (The project of the development for Arab World in the 21st century) Damascus, Syria April.22—24 2002.

## **Higher Studies Supervision**

- 1) Msc. Title (Changes of Sudanese crude oil properties in the storage tanks) dated May 2002.
- 2) Higher Diploma searches on water treatment, porphyrins in petroleum,