

Curriculum Vitae

Name: Mousa Mohammed Al-Tal

Date of birth: 1-1-1951

Nationality: Jordanian

Marital Status: Married (With eight children)

Languages: a) English, (Read, Written and spoken fluently)
b) Arabic, (Read, Written and Spoken fluently)

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Qualifications:

1- 1995, Ph.D.: Chemical Engineering, University of Technology, Iraq.
Thesis Title: Corrosion Inhibition of Carbon Steel in Simulated Cooling Water under Controlled Conditions of Heat and Mass Transfer.

2-1983, M. Sc.: Chemical Engineering, UMIST, England.
Thesis Title: Packed Column Absorption with Chemical Reaction.

3- 1974, B .Sc. Chemical Engineering, University of Cairo, Egypt.

Experience:

2001 –Present Time: Lecturer in Chemical Engineering Department, Amman College for Engineering Technology, Al-Balqa Applied University.

1999-2001 : Lecturer and Head of Chemical Engineering Department, Amman College for Engineering Technology, Al-Balqa Applied University.

1986-1999: Lecturer at Chemical Engineering Department, Amman College for Engineering Technology, Al-Balqa Applied University.

1982-1986: Lecturer at Chemical Engineering Department, Al- Hussun College, Al Hussun ,Jordan .

1977-1981: Chemical Engineer (Shift Supervisor) at Jordan Refinery, Light Oil Division, Zarka.

1976-1977: Chemical Engineer (Shift Supervisor) at Basra Refinery, Production and Operation Department, Light Oil Division, Iraq.

1975-1976: Chemical Engineer (Shift Supervisor) at Daura Refinery, Production and Operation Department, Light Oil Division, Baghdad Iraq .

Conferences Attended :

- 1-** Second Chemical Engineering Conferences (1996), Jordan University of Science and Technology, Irbid .
- 2-** Third Jordan International Engineering Conferences, Amman (1999).
- 3-** The First Jordanian International Conference of Materials science and Engineering, Al-Balqa Applied Universit, AL- Salt (2005).

Seminars Conducted:

- 1-** Corrosion in Industrial Equipment, "A seminar Organized by the Association Of Engineering for two weeks, Amman ,(1997).
- 2-** Corrosion, "A seminar Organized by the Industrial Engineering Department for two weeks , University of Jordan,(1997).
- 3-** Corrosion, Causes , Types and Methods of Protection," A Seminar Organized by SCECO, Jeddah, Saudia Arabia, (15-19 Sept. , 2001).
- 4-** Corrosion in Metals and Methods of inhibition, "A seminar Organized by the Association of Engineers, Amman, (29/4-18/5 May, 2002).

Subjects of Interest:

Principles of Chemical Engineering , Heat Transfer , fluid Mechanics , Unit Operation ,Process Control, Chemical Reaction Engineering, Electrochemical

And Corrosion Engineering And Petroleum Refining Engineering.

Published Papers:

1- Corrosion Inhibition of Carbon Steel in Recirculating Cooling Water Under Controlled Conditions of Mass Transfer , Jordanian Chemical Engineering Conference II , Vol .I ,P.233,1996.

2- An Investigation of The Inhibition of The Oxygen reduction Reaction at a Rotating Cylinder Electrode Under Controlled Conditions of Heat Transfer Jordan International Chemical Engineering Conference III, Vol .I, P.327, 1999.

3- An Investigation of the Inhibition of the Anodic Reactions of Carbon Steel Rotating Cylinder Electrode under Controlled Conditions of Heat Transfer. Jordan International Chemical Engineering Conference III, Vol .I, P.347, 1999.

4- Mass Transfer Correlation's for Rotating Cylinder Electrode under Isothermal and Controlled Heat Transfer Conditions ,The Third Jordanian Mechanical and Industrial Engineering Conference, P .459, 1999.

5- Shot Peening as a stress Corrosion Preventive in a 304-Stainless Steel International Conference on Shot Peening, 16-20 Sep 2002, Garmisch – Partenkirchen, Germany.

6-Corrosion Inhibition of Carbon Steel in Chloride Solution Under Controlled Conditions of Mass Transfer, Jordan International Chemical Engineering Conference IV, Vol II,P.509 ,2002 .

7- The Effect of Shot Peening on The Stress Corrosion Cracking Resistance of 304 AISI Stainless Steel Immersed in NaCl Solution ,The First Jordanian International Conference of Materials Science and Engineering, P.138, 2005.

M.Sc. Thesis Supervision:

"Corrosion Inhibition of Carbon Steel in Aerated Chloride Solution"
M.Sc. Thesis, University of Jordan, Amman, (2000).