

Curriculum Vitae

Name : **Fawaz Kafouri Sweis**

Place of Birth : **Amman – Jordan**

Date of Birth : **13/4/1948**

Sex : **Male**

Marital Status : **Married**

Children : **Three**

Present Work : **Associate Professor
Chemical Engineering Department
University of Jordan
Amman**

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Academic qualifications :-

1. B.Sc. Chemical Engineering, 1973
University of Illinois,
Chicago, U.S.A.
2. M.Sc. Chemical Engineering, 1979
University of Manchester Institute of Science and Technology,
Manchester,
England.

Title of Thesis : Maximum Permissible Oxygen Concentration to Prevent Ignition in a Dust Cloud.

3. Ph. D. Chemical Engineering, 1982
University of Manchester Institute of Science and Technology,
Manchester, England

Title of Thesis : Dust Explosion Studies.

Experiences :

1. Associate Professor,
Chemical Engineering Department
University of Jordan
Amman – Jordan Feb. 1990-Now
2. Visiting Associate Professor
Chemical Engineering Department
Mu'tah University
Mu'tah – Jordan Sept. 1993 – Sept. 1994
Sept. 1996 – Sept. 1997
Sept. 2002 – Sept. 2003
3. Assistant Professor,
Chemical Engineering Department
University of Jordan
Amman – Jordan May. 1982 – Feb. 1990
4. Teaching / Research Assistant,
Chemical Engineering Department
University of Jordan
Amman – Jordan Feb. 1976 - Sept. 1978
5. Engineer
National Planning Council
Amman – Jordan Dec. 1974 - Feb. 1976

Managerial Experiences :-

1. Chariman,
Chemical Engineering Department
University of Jordan
Amman – Jordan Sept. 1991 – Sept. 1993
2. National Secretary/Director,
The International Association for the Exchange
of Students for Technical Experience (IAESTE).
Training Office. Sept. 2000 – Sept. 2002
3. University Representative,
Arab Council for Training students of Arab
Universities (ACTSAU). Sept. 2000 – Sept. 2002

Scientific Activities :-

1. Member of the International Editorial Board, Journal of Loss Prevention in the Process Industries, Butterworth - Heinemann, 1988 – 1997.
2. Offered several courses through the continuing education program on Safety and Loss Prevention in the process industries.
3. Offered several consultancies to insurance companies.
4. Organised two seminars on industrial safety.
5. Member of many committees related to emergency planning and industrial safety.
6. Supervised many final year projects.
7. Participated in a number of conferences and seminars.

Memberships :-

1. Associate Member, UMIST, Chemical Engineering Department, England.
2. Member, Association of Jordan Engineers, Amman, Jordan.

Publications:-

1. Sinclair, C.G. and Sweis F.K., The Influence of Oxygen Concentration on Dust Explosibility. 7th Symposium on Chemical Process Hazards with Special Reference to Plant Design, Inst Chem. Engrs. England, 1980, pp. 103-120.
2. Fawaz K. Sweis, The minimum Ignition Temperature of Dust Cloud. First Conference on Industrial Safety and Loss Prevention, Association of Jordan Engineers, Amman – Jordan, 1983.
3. Fawaz K. Sweis, Assessment of Dust Explosion Hazards in Jordan. DIRASAT, Vol. X11, No. 1., 1985, pp. 233-243.
4. F.K. Swies and C.G. Sinclair, The Effect of Particle Size on the Maximum Permissible Oxygen Concentration to Prevent Dust Explosions, Journal of Hazardous Materials, Elsevier, Vol. 10, 1985, pp. 59 – 71.

5. F.K. Sweis, The Effect of Mixtures of Particle Size on the Minimum Ignition Temperature of a Dust Cloud, Journal of Hazardous Materials, Elsevier, Vol. 14, 1987, pp. 241 – 246.
6. Fawaz. K. Sweis, Preventing Dust Explosion by using Inert Materials, DIRASAT, Vol. XIV, No. 9, 1987, pp. 245 – 257.
7. F.K. Sweis, Pressure Relief Venting of Combustible Dusts in Vessels, Journal of Engineering, Minia University, Vol. 8. No. 1, 1989.
8. Fawaz K. Sweis, The Ignition of Dust Layers in Hot Environment, DIRASAT, Vol. 22B, No. 6, 1995, pp. 1381 – 1396.
9. Fawaz K. Sweis, The Effect of Admixed Material on the Ignition Temperature of Dust Layers in Hot Environments, Journal of Hazardous Materials, Elsevier, A(63), 1998, pp. 25-35.
10. Fawaz K. Sweis, Dust Explosions: Characteristics and Control: Information Technology Applied to Natural Resources Management. Proceedings of the Euro-med Workshop, Petra-Jordan, 1999, pp. 169-176.
11. Fawaz K. Sweis, Investigation of a Spontaneous Ignition, Mu'tah Lil-Buhuth Wad-Dirasat, Vol. 17, No. 1, 2002.
12. Fawaz K. Sweis, The effect of admixed material on the flaming and smouldering combustion of dust layers, Journal of Loss Prevention in the Process Industries, Elsevier, Vol.17, Issue 6, 2004, pp. 505-508.

