

CURRICULUM VITA

SAWYER, Michael Edward

ASC, Incorporated (Apex Safety Consultants)
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PROFESSIONAL EXPERIENCE

Process Safety Engineering
Litigation Support (Expert Witness)
Risk Assessment and Risk Management
Loss Control/Loss Prevention Engineering for General Industry
System Safety/Product Safety Engineering

EDUCATION

Bachelor of Science, Safety Engineering, Texas A&M University, 1983
Associate in Applied Science, Fire Science, Wilson Technical College, 1978
Associate in Arts, Liberal Arts, College of the Albemarle, 1976

LICENSE and CERTIFICATION

Registered Professional Engineer, No. 36565, Massachusetts (SAFETY)
Registered Professional Engineer, No. 84526, Texas (FIRE PROTECTION)
Certified Safety Professional, No. 8891 (SYSTEM SAFETY ASPECTS)
Apex Safety Consultants, Incorporated, Registration No. F-000027, Texas

PROFESSIONAL MEMBERSHIPS

American Institute of Chemical Engineers, Senior Member (1993 - Present)
System Safety Society, Senior Member (1985 - 1992)

INDUSTRIAL APPOINTMENTS

Research Associate, MKO Process Safety Center (2006 - Present)
President/CEO, ASC, Inc. Houston, Texas (1994 to Present)
Deputy Division Manager, SAIC Houston, Texas (1992 – 1994)
Safety Group, Stone & Webster Engineering, Houston, Texas (1990 – 1992)
System Safety Engineer, General Dynamics, Fort Worth, Texas (1988 – 1990)
System Safety Engineer, Texas Instruments, Dallas, Texas (1984 –1988)
System Safety Engineer, FMC Corp., San Jose, California (1983 –1984)

COMMITTEE MEMBERSHIPS

Member, Bay Area Citizens Action Panel (BAY CAP)
Track Session Chair, MKO Process Safety Center Symposium 1999
Session Chair, AIChE Process Plant Safety Symposium 1996
Chairman, Tenth International System Safety Conference 1991
President, System Safety Society-North Texas Chapter 1988 -1990

SELECTED PUBLICATIONS, INVITED PAPERS & MANUSCRIPTS

OSHA 1910.119: PSM, Its Effect on Engineering Design Projects
A Comparison of Chemical Hazard Analysis Models
Screening Analysis Techniques, Risk Assessment & Risk Management
Safety Analysis of a Typical Shutdown System
Hazard Evaluation Procedures Handbook (peer reviewer)
Safe Equipment Location with Hazard Analysis
Consequence Analysis for CAAA Risk Management Plans
Risk Assessment as a Basis for Addressing Process Hazards
Application for Development of Worst Case Scenarios
Worst Case Scenario Development for Off-Site Consequences
Process Hazard Analysis Protocol
Environmental, Health & Safety: A Systemic Approach
The Next Generation Process Hazard Analysis Protocols
Safety & Environmental Management Program Certification
Loss Prevention in the Process Industries, 3rd Edition, Chapter 8

EXPERIENCE SUMMARY

Mike Sawyer has led and participated on various safety engineering projects over his 25 plus years of experience. These have ranged from general industrial safety applications to detailed analyses of process units and systems. His expertise includes applications relating to loss control/loss prevention, hazard analysis, risk assessments, and litigation support.

The greatest span of Mr. Sawyer's career has been in the area of process safety. He has facilitated numerous hazard and risk assessment studies of petrochemical producing facilities throughout the U.S. and the world. His international projects include studies in Japan, India, Venezuela, Chile, Argentina, Mexico, Saudi Arabia, Australia, Singapore, and Canada.

Mike has served on investigation teams as well as leading investigations of petrochemical, refining, and oil field servicing incidents in support of litigation. Some of the most notable investigations include ESSO's Longford Gas Plant incident in Australia and the 2005 BP Texas City Refinery explosion.

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