

Jack Chosnek, PhD, PE

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SUMMARY

Process Safety Manager with 35 years of experience in the petrochemical industry. Proficient in all aspects of process safety, process engineering, and maintenance of technology. Innovative, hard working, safety and bottom-line conscious. Adept at leading multi-disciplinary teams and obtaining results. Experienced in both the manufacturing and R&D environments. Significant hands on experience with:

Process Hazards Analyses (PHAs)	Workflow & Management of Change
Risk Assessment/Risk Management	Pre-Startup Safety Reviews
Process Safety Audits	Incident Investigations
Risk Management Program (RMP)	Electronic Document Management

PROFESSIONAL EXPERIENCE

CONSULTANT

Jan 2001-Present

Major Projects: **Advisor/Implementer, Gulf Coast Waste Management Authority**, Facility PSM System, **Advisor/Implementer, ConocoPhillips**, OHSAS 18001 safety system; **Originator/Implementer, Celanese Chemicals**, electronic Process Engineering/Process Safety Knowledge Infrastructure; **Systems Advisor, ExxonMobil Production Co. (Upstream)**, electronic Production Reference Manual; **Sr. Process Advisor, CDI Engineering at Celanese**, New process implementation. Facilitated numerous PHAs/LOPA for clients in the refining, chemical, waste management, and mining industries. Developed commercial, full-featured PHA Facilitation and MOC software. Chair of AIChE's South Texas Section Process Safety Workshops. Chair of 2008 international Process Plant Safety Symposium (2007 co-chair) and session chair (2003, 2005, 2006, 2009, 2010) in same. Co-chair of the Technical Advisory Committee of the Mary Kay O'Connor Process Safety Center.

CELANESE CORP.

1975-2000

Technology Program Leader, Houston, TX

1998-2000

Devised methodology and led the Corporation's major manufacturing site in the implementation of knowledge management. Influenced the direction of the corporation in this area.

- Conceptualized, proposed, developed, and helped implement process improvement that saved \$3 million/yr. US Patent granted.
- Devised electronic "technology/PSM manuals" for every operating unit in the plant that led to quick access to accurate information for operating and

support personnel.

- Presented the technology model to U.S. and Mexico sites resulting in adoption of the model by the Chemicals Division.

Site Process Safety Coordinator, Houston, TX 1992-1998

Implemented a Process Safety Management (PSM) system at the site and coordinated it. Improved the site's insurance rating after review of the system by a re-insurer.

- Organized groups and developed site policies that produced a PSM system fully compliant with OSHA 1910.119. Managed system with series of continuous improvements that integrated process safety with the manufacturing process. Led first major PHA (ethylene oxide production) under the system.
- As Process Engineering Section Leader for two years, led a group of 11 engineers that provided support, optimization, and expansion designs for various processes.
- Led the technical effort and wrote the plant's Risk Management Plan (RMP).
- Helped develop the corporation's PSM audit protocol resulting in a superior auditing process. Led and participated in PSM audits at multiple U.S., Canada, and Mexico sites that generated a series of best practices for the company.

Pilot Plant Coordinator, Corpus Christi, TX 1987-1991

Designed, led PHAs, built and operated pilot plants at the Celanese R&D facility. Coordinated production of specialty chemicals through local production and tollers. Successfully started up a 100,000-lb/yr pilot plant that produced a pharmaceutical material for sales.

Biotech Joint-Venture Dev. Engineer, San Francisco, CA 1985-1987

Member of a dynamic team that produced one of the first engineering scale-ups of a cGMP process from bench scale in the biotechnology industry.

R&D Superintendent, Corpus Christi, TX 1975-1985

Rapidly promoted engineer that rose from entry level to head of the Chemical Engineering Research group at Celanese's Technical Center.

EDUCATION AND REGISTRATION

MBA Texas A&M at Corpus Christi,
PhD in Chemical Engr. University of Missouri-Rolla
BS and MS in Chemical Engr. Technion-Israel Institute of Technology, Israel
Licensed Professional Engineer in the State of Texas

DEVELOPMENT AND TRAINING

Process Safety Auditor Certification Celanese/DNV Technica
Risk Assessment/Risk Management School Celanese

LANGUAGES: Fluent in Spanish and Hebrew. Some French and German.