

JEANNE LEMASTER

Education

BS – Chemical Engineering, The Ohio State University

Professional Affiliations

American Institute of Chemical Engineers (AIChE)
Refrigerating Engineers & Technicians Association (RETA)
American Chemical Society (ACS)

Jeanne Lemaster is a Senior Project Manager at SCS Tracer Environmental. Her main area of concentration is risk analysis. The main focus of her work is the preparation and completion of multiple projects and general risk analysis work for many clients. She is responsible for the documentation of Process Safety Management Programs (PSM) / Risk Management Programs (RMP) / California Accidental Release Prevention Programs (CalARP) projects for regulated facilities using hazardous materials. This work includes preparing the program documentation for compliance with the PSM/RMP/CalARP regulations, Process Hazard Analysis, Hazard Assessments, Piping and Instrumentation Diagrams, and project-related technical reports.

Additional Training

- Ammonia Safety & Training Institute (ASTI): Incident Commander Training-October 2012
- Ammonia Safety & Training Institute (ASTI): Incident Commander Training-October 2013
- Ammonia Safety & Training Institute (ASTI) 32 Hour Ammonia Safety Class: Watsonville, CA. August 30 – September 3, 2014
- Salinas Valley Ammonia Safety Day – May 2014
- Salinas Valley Ammonia Safety Day – May 2015
- Oakwood, GA Ammonia Safety Day – August 2015
- RETA Los Angeles Chapter Safety Day – April 2015
- RETA Los Angeles Chapter Safety Day – April 2016
- RETA Los Angeles Chapter Safety Day – April 2018

Professional Experience

- **Camino Real Foods:** Worked with facility personnel to develop the PSM/RMP/CalARP prevention programs for the expansion of a new ammonia refrigeration facility in Vernon, CA. The PSM/RMP/CalARP encompasses the preparation of various safety programs, technical studies, and a submittal document to the City of Vernon Health and Environmental Control.
- **Snowden Enterprises:** Developed Injury and Illness Prevention Programs and Hazard Communication Programs for the Fresno and Modesto Facilities. Updated the facilities' PSM/RMP/CalARP prevention programs including the development of Pre-Emergency

Readiness and Operations Command Procedures.

- **Jensen Meat:** Prepared the Hazardous Material Business Plan (HMBP) for compliance with Title 19 of the California Code of Regulations and Sections 2550-25520 of the California Health and Safety Code.
- **Oberon Fuels:** Assisted in the development of the PSM/RMP/CalARP documentation for the facility's methanol to dimethyl ether conversion system.
- **California Institute of Technology (Caltech):** Prepared the CalARP Programs and Hazard Review for the facility's use of aqueous ammonia in the Selective Catalytic Reduction (SCR) System. Ms. Lemaster also worked with facility personnel to develop the Hazard Assessment and Risk Management Plan for compliance with the Pasadena Fire Department.
- **The Wine Group:** Conducted a Process Hazard Analysis, updated Risk Management Programs, and completed piping diagrams for the addition of an anhydrous ammonia tank used outdoors. Ms. Lemaster also worked with facility personnel to ensure all EPA and OSHA checklists were complete before installation of the equipment.
- **Sweetwater Authority:** Prepared the Process Hazard Analysis and updated the PSM/RMP/CalARP documentation for the facility's use of aqueous ammonia and chlorine in the water treatment system. Ms. Lemaster also worked with facility personnel to develop the Hazard Assessment and Risk Management Plan for compliance with the San Diego County Department of Environmental Health.
- **Solar Turbines:** Prepared the Process Hazard Analysis for the addition of a high pressure gas test loop system. Ms. Lemaster also worked with facility engineers to ensure that appropriate CalARP/RMP regulations were followed for compliance with the California Office of Emergency Services and Federal EPA.

Publications and Presentations

Skebo, et al., Assessment of Metal Nanoparticle Agglomeration, Uptake, and Interaction Using High-Illuminating System, *International Journal of Toxicology*, 26:135-141, 2007.