

## OUR SERVICES

### **Full Service PSM / RMP Programs**

The Occupational Safety and Health Administration (OSHA) requires certain facilities to comply with its Process Safety Management (PSM) regulation (29 CFR 1910.119). Within California, Cal/OSHA has an equivalent program, Title 8, §5189. SCS Tracer prepares complete Process Safety Management Programs for those facilities that store or use over threshold quantity amounts of regulated hazardous materials. The complete program is developed according to the Cal/OSHA or OSHA requirement, whichever is applicable.

The Clean Air Act Amendments of 1990 contain a provision for evaluating the potential public impact of the accidental release of acutely toxic, flammable, and explosive materials from industrial facilities. EPA finalized regulations (June 1996) to implement this provision by requiring the preparation of a Risk Management Plan (RMP) for all facilities which store or utilize regulated substances in quantities that exceed the threshold quantity for the specific material.

SCS Tracer, An Operating Group of SCS Engineers, has extensive experience in the development of Risk Management Programs. Staff members have been active in California, which has had a state program for risk management since 1989. The company has developed hundreds of plans for a variety of different types of industries. Senior staff has been involved with risk and risk management for industry for over 25 years.

### **5 - Year Mechanical Integrity Inspections**

29 CFR 1910.119 (j) (4) (iii) states the following:

*“The frequency of inspections and tests of process equipment shall be consistent with applicable manufacturer recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience.”*

The ammonia refrigeration industry and OSHA inspectors have adopted IIAR as a basis for defining RAGAGEP. IIAR Bulletin 110 contains a sample maintenance schedule including: *“Every five years the refrigeration equipment should undergo a full independent inspection by a competent person. The independent inspection should not be completed by a person that has a vested interest in the plant and will allow for a new perspective when conducting the audit.”*

SCS Tracer has the knowledge and experience to provide an *“independent inspection from a new perspective”*.

### **Ammonia Detector Calibration**

SCS Tracer, An Operating Group of SCS Engineers, has field service professionals to provide ammonia detector testing, calibration and/or service on many different brands, in ammonia-refrigerated warehouses and manufacturing facilities. SCS Tracers' field service professionals perform the calibration in a wide range of ammonia refrigeration industries such as dairies, food processors, and beverage facilities; ice arenas and ice manufacturing facilities; and cold storage warehouses.

As an added service, we can provide consultation regarding your ammonia detection system capabilities and inventory based on the IIAR 2-2104 Standard and Recognized And Generally Accepted Good Engineering Practices (RAGAGEP).



## OUR SERVICES

### PSM/RMP Training

- PSM/RMP regulatory requirements.
- Ammonia Awareness
- Implementation strategies.
- Review / Complete required forms for various elements.

### Refrigeration Operator Training

Our Refrigeration Operator I & II Training Programs use the applicable RETA Industrial Refrigeration (IR) 1 & 2 manuals which are included for the duration of the classes. These intensive four-day classes, are performed in locations throughout the USA, to make it convenient for our attendees to participate locally. Each class has its own prerequisites which are detailed below:

- Operator I: Designed for the beginning refrigeration operator, manager, and/or safety personnel with limited refrigeration training.
- Operator II: Designed for the refrigeration operator, manager, and/or safety personnel who have passed the Operator I class and/or have a higher level of experience/knowledge in industrial refrigeration systems using ammonia as a refrigerant.

### Custom Training

We offer customize training programs for your facility. This includes, but is not limited to:

- Refrigeration system reviews
- Refrigeration equipment and facility specific standard operating procedures
- Refrigeration components

Training is provided using materials from RETA, IIAR, manufacturers, and/or field experience, as well as facility specific standard operating procedures.



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### **SCS Tracer, A Business Unit of SCS Engineers, Staff:**

- Lee Pyle, Project Director, CARO, RETA Past President, RETA National Certification Chair
- Andrew Fiala, Project Manager, CIRO
- Gene Dumas, Project Manager, CIRO / CARO / CRST / RAI, RETA Past President, RETA National BOD, RETA National Education Committee
- Eric Girven, Ammonia Refrigeration Advisor, CIRO / CRST/ RAI, RETA Past President, RETA National BOD
- Mark Carlyle, Project Manager, RETA & IIAR National Education Committees
- Adrienne Tober, Senior Project Professional
- Jeanne Lemaster, Project Professional
- Amber Dittrick, Senior Project Professional, CARO
- Daniel Cuevas, Senior Project Professional, CARO
- Juan Parra, Senior Project Professional, CIRO
- Jodie Rukamp, Marketing Coordinator, RETA National Conference Committee, President of Milwaukee RETA Chapter
- Bill Lape, Project Director, PSMP / CIRO / CARO / CRST, RETA National BOD, RETA National Certification Committee, IIAR Committees: Standards, and Compliance Guidelines
- Tyler Ramos, Ammonia Refrigeration Advisor, RAI, IIAR Compliance Guideline Committee, IIAR Safety Committee, RETA Compliance Guideline Revision Team

### **SCS Tracer, Remote Offices:**

- N84W 13540 Leon Road, Menomonee Falls, WI 53051 (262) 573-7246
- 15110 Xylite Street NE, Ham Lake, MN 55304 (763) 276-5494
- 6704 Buxton Court, Greensboro, NC 27406 (336) 337-0268
- 1901 Central Dr #550, Bedford, TX 76021 (817) 571-2288
- 7300 Hudson Boulevard North, Ste 135, Oakdale, MN 55128
- 235 Church Road Laceyville, PA 18623