



Process Safety Management Professional Certificate

Offered jointly with the Industrial Refrigeration Consortium (IRC), this certificate allows you to learn from experienced engineers and safety professionals while building expertise in process safety management, regulatory compliance, and ammonia refrigeration systems used in industrial facilities.

Who should enroll

- Safety professionals and risk managers overseeing process safety programs
- Professionals responsible for regulatory compliance or operational risk management
- Process and chemical engineers working with industrial refrigeration systems
- Plant managers and operations leaders responsible for facility safety

Every class I've attended has been both enjoyable and enlightening, and the courses have truly equipped me with the skills and understanding to excel in my role.

– Brian Mignon, PSM Specialist



Interdisciplinary
Professional Programs
COLLEGE OF ENGINEERING
UNIVERSITY OF WISCONSIN-MADISON

LEARN MORE AND SIGN UP
go.wisc.edu/PSMPCert

Certificate Requirements



Take **Five** Required Courses

- Process Hazard Analysis (Emphasizing Ammonia Refrigeration Systems)
- Introduction to Ammonia Refrigeration Systems
- Principles and Practices of Mechanical Integrity for Industrial Refrigeration Systems
- Process Safety Management Audits for Compliance and Continuous Safety Improvement
- Ammonia Refrigeration System Safety

Take **One** Elective Course

- Design of Ammonia Refrigeration Systems for Peak Performance and Efficiency
- Intermediate Ammonia Refrigeration Systems
- Engineering Calculations for PSM and RMP
- Engineering Safety Relief Systems (via IRC)

Candidates are required to pass an online exam upon completion of each course.

For a full course list including upcoming dates and information, please visit the PSMP website: go.wisc.edu/PSMPCert.

Many of these courses draw on expertise from the **Industrial Refrigeration Consortium (IRC) at UW-Madison**. The IRC is a leading research and training center focused on industrial refrigeration safety, system design, and regulatory compliance.



Six professionals from Tyson Foods' Corporate PSM team earned their PSMP Certificate. Read more about their experience:

go.wisc.edu/TysonPSMP

"A certification is more than just a piece of paper – it represents perseverance, growth, and a commitment to excellence. I'm proud of what this team has achieved with this milestone and how they continue to raise the bar for our industry."

– Adrienne Allison, CSP, Director Safety, Regulatory & Compliance

For more information and to enroll, visit **go.wisc.edu/PSMPCert**
Or contact Program Director Doug Reindl at **dreindl@wisc.edu**



**Interdisciplinary
Professional Programs**
COLLEGE OF ENGINEERING
UNIVERSITY OF WISCONSIN-MADISON

601 University Ave., Third Floor • Madison, WI 53715
Phone: 800.462.0876 • interpro.wisc.edu