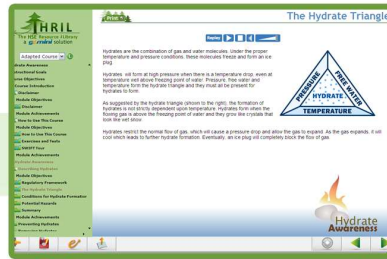


# Hydrate Awareness

Online!



Hydrates pose a major threat to worker safety due to the extreme amounts of force and pressure that they cause to form inside equipment. Companies must take the necessary precautions and steps to handle, remove, and prevent hydrates. This course has been designed to help you meet all regulatory and government requirements including the Alberta Occupational Health and Safety Code.

This **one-hour** course is part of the THRIL certificate program series, developed by Gemini and well-known, highly respected industry professionals. THRIL certificates are designed to easily and inexpensively obtain essential training that leads towards recognized certification and qualifies for compulsory certification maintenance points to preserve ROH and CRSP designations. University of Calgary students completing a total of 45 hours or more training will be credited 30 hours of elective course credit toward the U of C Health, Safety and Environmental Certificate program.

## On completion of this course you will be able to:

- Define "hydrate" and describe the hydrate "triangle",
- Identify the hazards associated with hydrate formation,
- Describe hydrate prevention methods,
- Identify the warning signs used to detect hydrates,
- Describe the safe techniques used to handle hydrates without moving them,
- Describe the safe techniques used to remove a hydrate plug which has completely blocked a line,
- Explain the procedure for returning a line to service hydrates have been removed, and
- Describe how to develop a contingency plan for the protection of workers if a pipe ruptures.

THRIL assessments are also available for all THRIL courses ideal for learners that wish to challenge the course for recertification purposes.

