

# PETROLEUM ADVANCED LINE LOCATOR FIELD TRAINING

*Providing knowledge and practical field instruction to prepare Locators for the challenge of conducting accurate and reliable locates.*



## Who should attend this field training?

Anyone who is responsible for locating petroleum producer's facilities (locators and ground disturbance supervisors) will benefit from the Petroleum Advanced Line Locator (PALL) field training course.

## Competencies and Learning Objectives

All field training competencies are identified in the UFL Field Task Competency Manual (endorsed by the Canadian Association of Pipeline and Utility Locating Contractors) and all learning objectives are detailed in Locate Management's Petroleum Advanced Line Locating (PALL) e-learning course. Locating methods and procedures defined in the UFL Manual and the PALL course are taught and practiced during field training.



## Prerequisite

Locate Management Institute's Petroleum Advanced Line Locator (PALL) e-learning course is a pre-requisite for the field training instruction. The PALL e-learning, self-paced course (up to 8 hours) was developed by locating industry experts and teaches in detail the necessary methods and procedures to safely perform locates as per applicable regulatory requirements and industry best practices.

## Field Instruction

Field training is conducted at various petroleum facilities throughout North America. The 2-day (16 hrs) field training includes all course materials and instruction.



## Customized Group Training

We deliver on-site customized group training to fit your organization's needs. Call **1-844-568-7246** or email [info@locatemanagement.com](mailto:info@locatemanagement.com) to book your dates!

## PALL Field Training 2-Day Course Agenda

- Registration
- Introduction to PALL Course
- Procedures and methods for Locating: Start to Finish
- Marking procedures
- Locating equipment
- Field Activities:
  - Active Locating
    - Direct Hook-up, Inductive Clamp, Induction
  - Passive Locating
    - Radio, CPS, Live Cable (Power)
  - Advanced Locating Methods
    - Parallel Line Check, Inductive Sweeping, Inductive Multi-Angle Sweeping, 360° Sweeping, ALL Method
  - Unconventional Locating Methods
    - Point A to Point B, Measurement, Visual
  - Solving Obstacles
    - Facility Changes, Technology Limitations, Extreme Environments, Disruptive Noises, Inaccurate Records
  - Tracing Problems
    - Unwanted Coupling, Sharp Drop/Loss of Signal, Break in Tracer Wire, Changes in Depth, Locating Near Guard Rails/Fences/Structures, Tees & Y-Lats, Common-Bonded Facilities, Short Facilities, Non-Grounded Facilities, Closer-Than-Normal or Congested Facilities
  - Incidents & Preventative Procedures
- Final reviews, Q&As
- Final knowledge and skill assessment



### Instructors

Locate Management Institute's instructors are respected, experienced, and highly skilled locators who have successfully completed Train-The-Trainer programs.

### Who is Locate Management?

Locate Management Institute is an education, training, and assessment service provider for the ground disturbance (excavation) and line locating communities.



**LOCATE MANAGEMENT INSTITUTE**

