



SD102 Digging Awareness – Ground Disturbance

Course Overview: Developed with input from a cross-sector of industries, Locate Management Institute's new online Digging Awareness course (1-2 hours) is intended to teach individuals of the hazards and safety requirements associated with ground disturbance or excavation activities. This e-learning course introduces the student to the **PROPPER** Phases of Safe Digging and some of the key legislation and steps necessary to safely perform a ground disturbance (excavation). This online program has utilized elements of our Safe Digging course which has been assessed and endorsed by the Alberta Common Ground Alliance against ABCGA Standard 201, Ground Disturbance – Supervisory. Included in this Digging Awareness training course: Online quizzes. Certificate and wallet card issued upon successful completion.

Module 1 – Introduction to Safe Digging

1. Explain safe digging and why it is important to workers, companies, and the public
2. Identify the **PROPPER** phases and best practices of safe digging

Module 2 – Legislation and Damage Prevention

1. Explain legislation as it pertains to ground disturbance
2. Describe damage prevention and the damage prevention process



Module 3 – Stakeholders and Damage Prevention

1. Define the Common Ground Alliance
2. Identify the importance and limitations of one-call centres
3. Describe a locator's role and locate requirements
4. Explain responsibilities of ground disturbers after locates
5. Define hand-exposure and hand-exposure zones
6. Summarize stakeholder responsibilities





Module 4 – Information Sources and Visual Inspection

1. List various information sources
2. Recognize warning signs
3. Describe the importance of visual inspection



Module 5 – Hazards, Obstacles and Safety

1. Manage ground disturbance safety
2. Explain electric power hazards and safety



Module 6 – Locating and Marking

1. List the questions to ask during the locating and marking phase of a ground disturbance and identify locate marks
2. Describe hydrovac excavation

Module 7 – Types of Incidents and How to Prevent Them

1. Describe incident-producing conditions/situations and explain proper preventative procedures
2. Recognize unsafe digging practices and explain proper corrective actions

