



# International Utility Damage Prevention

BECOME A NATIONAL CERTIFIED LOCATOR

Some countries credit for a verified reduction in damages to their support of a certified locator program. They credit the reduction to a rising level of industry respect displayed toward locators as well as increased levels of self-respect within the ranks of the locating workforce.



To become certified, a locator must pass both an online test and a practical, hands-on test

- Online test covers:
  - Tickets and Maps
  - Utility Map Reading
  - Basic Utility Knowledge
  - The Locating Instrument
- Practical test covers:
  - Performing ticket/work order; locating gas, electric, telephone, CATV and water for requested extent
  - Results scored on accuracy and completeness of locate

# www.locatorcertification.com

**Passing the online exam is a prerequisite for scheduling a practical exam.**

The online exam consists of four parts:

- Part A: Tickets and Maps,
- Part B: Utility Map Reading
- Part C: Basic Utility Knowledge
- Part D: Locating Instruments

The cost of the online exam is \$75.00. A candidate may take all four parts, however a passing test score of 85% or higher is required to pass each part. If a candidate fails one or more of the parts, they will fail the online exam.

In the event of a failed test, enrollment in an online training course will be suggested as a means of retesting. The cost of an online training course is \$75.00. A candidate must score 85% on the training course testing to pass the retest.



# Sample Part A and Part B questions

## Locator Certification (Part A) - Tickets And Maps Exam

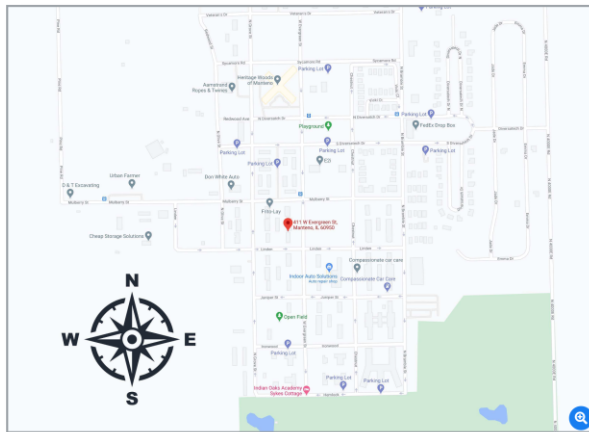
Ticket And Maps Exam: Tutorial Video 1 Exam

Exit Course

Course Outline

### Tutorial Video 1 Exam

(3 Questions)



2. Which intersection doesn't exist?

- (A) N. Olive St. @ S. Diversatech Dr.
- (B) S. Diversatech Dr. @ Mulberry St.
- (C) N. Grove St. @ Mulberry St.

## Locator Certification (Part B) - Utility Map Reading Exam

Utility Map Reading: Exam

Exit Course

Course Outline

### Exam

(13 Questions)



4. Does this image represent the telephone system or the cable TV system?

- (A) Cable TV
- (B) Telephone

# Sample Part C and Part D questions

## Locator Certification (Part C) - Basic Utility Knowledge Exam

Basic Utility Knowledge: Exam

Exit Course

Course Outline

### Exam

(20 Questions)



5. This structure is found in what utility system?

- (A) Electric
- (B) Gas
- (C) Cable TV

## Locator Certification (Part D) - Locating Instruments Exam

Locating Instruments: Exam

Exit Course

Course Outline

### Exam

(30 Questions)

14. Turning up the power level of the transmitter on a conductive locate is likely to change the path that the signal follows.

- True
- False

Full online  
courses  
\$75.00 each


trainingcenter.pdigm.com/tc/courses

Locator Certification (Part D) - Locating Instruments Exam

Exit Course Course Outline

✓ Oh, no!  
You did not complete the course with a passing score. The minimum passing score is 85.0% and you scored 76.7%.  
Unfortunately, retakes are not allowed for this course.

As part of the Locator Certification Exam, it is encouraged that you to take the Locator Certification (Part D) - Locating Instrument Training Full Course.



Overview


- Locating Instruments ✓
- Course Notes ✓
- Exam ✓

Locator Certification (Part D) - Locating Instruments Full Course

Section 1: The Basics: Legend - Training Video

Course Documents Exit Course Course Outline

Section 1: The Basics (96 minutes)	✓
Course Notes	✓
Legend - Training Video	✓
The Basics Part 1 - Training Video	🔒
The Basics Part 1 - Post-Training Video Questions	🔒
The Basics Part 2 - Training Video	🔒
The Basics Part 2 - Post-Training Video Questions	🔒
The Basics Part 3 - Training Video	🔒
The Basics Part 3 - Post-Training Video Questions	🔒
The Basics Part 4 - Training Video	🔒
The Basics Part 4 - Post-Training Video Questions	🔒
The Basics Part 5 - Training Video	🔒
The Basics Part 5 - Post-Training Video Questions	🔒
Conductive - Training Video	🔒
Conductive - Post-Training Video Questions	🔒
Induction - Training Video	🔒
Induction - Post-Training Video Questions	🔒
Bleed-off - Training Video	🔒
Bleed-off - Post-Training Video Questions	🔒
Gain - Training Video	🔒
Gain - Post-Training Video Questions	🔒
The Basics Final Exam	🔒
Section 2: Creating the Circuit (79 minutes)	🔒
How the Instrument Works - Training Video	🔒
Different Frequencies Do Different Things - Training Video	🔒
Different Frequencies Do Different Things - Post-Training Video Questions	🔒



3:18 Remaining

Previous

You must complete the video before proceeding to the next lesson



## Minimum time commitment estimate for online courses

- Part A
  - 2 hours
- Part B
  - 2 hours
- Part C
  - 3 hours
- Part D
  - 7 hours

# Practical certification test

- A certification candidate is eligible to schedule a practical test given by an assessor once they have passed the online test.
- The test involves:
  - Finding the correct location of the ticket/work order
  - Determining the proper extent needed to be located
  - Filling out a visual observation and utility map assessment
  - 80% of the scoring is the ability to locate the extent accurately and completely
  - A score of 85% is necessary to pass
  - Passing this test completes the locator certification process
  - Certification is good for two years



## TICKET 28

**Address:** N. Grove St. at Mulberry St.

**Extent:** Locate west side of N. Grove St. for 275 feet south of south curb line of Mulberry St. and for 40 feet west of centerline of N. Grove St.

## TICKET 23

**Address:** N. Evergreen St. at Linden St.

**Extent:** Locate N. Evergreen St. from east edge of west sidewalk to east curblin and locate Linden St. from south curblin to south edge of north sidewalk.

# Tickets

**Utility maps provided will be for:**

1. Electric
2. Gas
3. Telephone
4. Cable TV
5. Water
6. Street lights

# Practical certification testing scorecard

## A. Actions required of candidate after receiving tickets/work orders from assessor 5 points

1. Determine location of job site from:
  - a. Starting work location
  - b. Last work order location
2. Visually outline the corners of the locate extent using pylons or flags

## B. Field sheet filled out by certification candidate at site before locating 5 points

1. Utilities visually present in or near extent
  - a. Gas
  - b. Water
  - c. Electric
  - d. Cable TV
  - e. Telephone
  - f. Streetlights
2. Which utilities do the maps indicate are in conflict?
  - g. Gas
  - h. Water
  - i. Electric
  - j. Cable TV
  - k. Telephone
  - l. Streetlights

## C. Assessor requirements-Transmitter usage 5 points

1. Conductive
  - a. Milliamps
  - b. Grounding
2. Inductive
  - c. Coupler
  - d. Sweep

Understands that there is no best frequency

Understands that inductive may be better than conductive in certain situations

Understands what can be done with transmitter to increase current flow on target line

## D. Assessor requirements-Receiver usage 5 points

1. Current/peak steadiness
2. Shape
3. Change needed at transmitter

Understands when to rely on passive

Understands depth is used to determine accuracy.

Knows the relationship between depth and milliamps/ knows milliamp is estimate

## E. Locating results 80 points

1. Identification-Followed locate to endpoint
2. Knows how to reduce bleed-off

Understands when a line is electronically unlocatable

# Commitment to continuing education for locators

- Every two years, certified locators are required to participate in continuing education to maintain their certificate. This education consists of both online and in person requirements.
- Online: Must complete one online course every two years to maintain certification status
- In person: Must attend a two-day class every four years to maintain certification status.