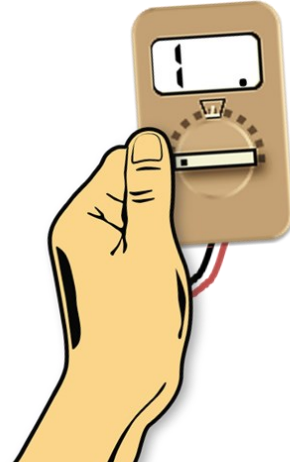
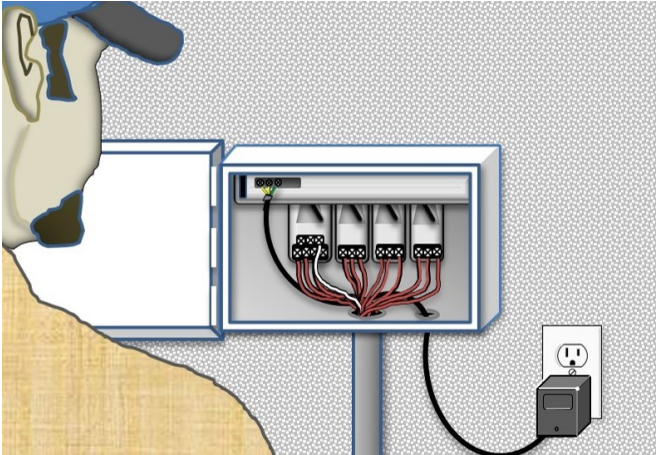




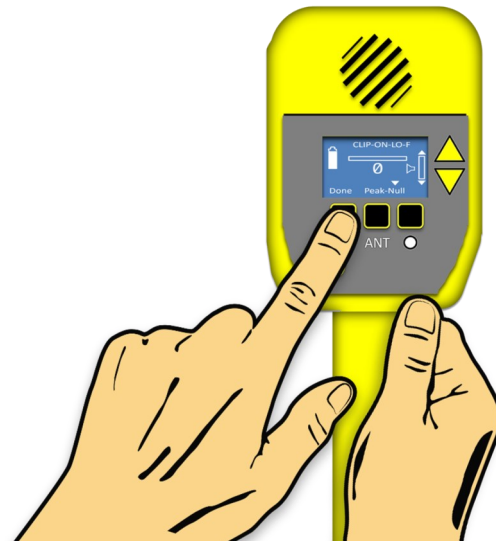
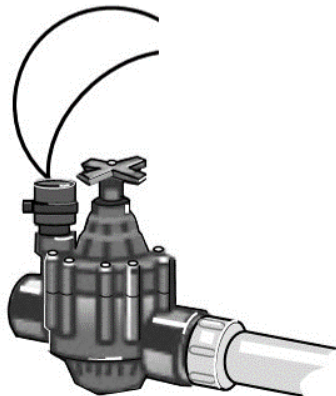
course code 1514










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TROUBLESHOOTING and L O C A T I N G






II. Course Outline**Resources - downloads**

-   Course overview - computer requirements (3 pgs.)
-   Course navigation - policy (5 pgs.)
-  Course manual (64 pgs.)
-  Tech sheets (6 pgs.)
-  Student tips (1 pg.)



Chapter 1, 2 Intro and Safety

-  Chapter 1, 2 presentation (14:38)
-  Safety quiz (12 questions)






Chapter 3 The Electrical

-  Chapter 3A presentation (20:37)
-  Chapter 3B presentation (21:42)
-  The Electrical quiz (14 questions)






Chapter 4 Control

-  Chapter 4 presentation (25:03)
-  Control quiz (14 questions)




Chapter 5 Diagnostic


-  Chapter 5A presentation (22:52)
-  Chapter 5B presentation (20:44)
-  Chapter 5C presentation (24:57)
-  Chapter 5D presentation (20:11)
-  Diagnostic quiz (14 questions)

Chapter 6 Locate

-  Chapter 6A presentation (28:06)
-  Chapter 6B presentation (27:18)
-  Chapter 6C presentation (28:29)
-  Chapter 6D presentation (29:18)
-  Locate quiz (14 questions)

Course review/ Final exam

-  Review presentation (26:36)
-  Final exam diagram (5 pgs.)
-  Final exam (12 questions)

 Indicates free preview available to student prior to course sign up

2024 update

III. Topic directory

1 - Intro

the instructor
course overview
objectives

2 - Safety

mindset
gear

3 - The Electrical**3A**

basics
power supply
circuit

3B

broken circuit
solenoid
clamp meter

4 - Control

controller
control options
solenoid valve
master control

5 - Diagnostic

5A
the property
water supply
station behavior
multi-meter intro.
5B
read a circuit
circuit faults
fault scenarios
multi-meter review

5C

multiple problems
unrelated issues
station ID
wire ID tools

5D

isolate
test at valve
ghost voltage
check points
wire ID review

6 - Locate

6A
locator kit
locating theory
tracing circuit
wire path
find solenoid
6B
signal contrast
locator adjustment
property changes
fault finder

6C

short
fuse/ circuit breaker
move transmitter
locate review

6D

digital locator
connect options
wireless locate
inductive clamp

Course review

review electrical
review multimeter
review locate
final exam instructions