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How to take this course.

1. Download and print the test questions.
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3. Viewing your status page, scroll down and click on "[Click here to start this course.](#)"
4. Begin viewing the web pages. Refer to your printed test to find the correct answers. The questions track the web pages.
5. As you find the answers, circle them on your printed copy.
6. At the end of each section, you'll enter the quiz which is the same as your printed test. Refer to your circled answers when actually answering the quiz on the web.
7. Upon passing, you will proceed to the next section. If you failed to pass, you will be moved back to the beginning of that section for more review.

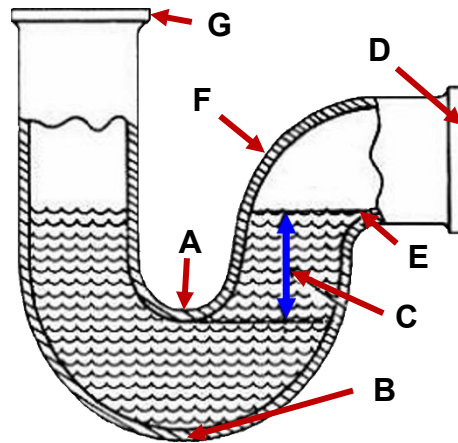


Mobile users – Many current mobile devices are compatible with AnytimeCE and will probably work. If not, use a desktop or laptop computer to complete your course.

Quiz 1

1. Each plumbing fixture, except for those having integral traps, shall be _____.
 - separately trapped by an approved liquid seal trap
 - drained by means of an indirect waste pipe
 - connected directly to the building drain without a trap
 - considered illegal and should not be used

Use the drawing below to answer questions 2-5 and identify the following parts.



2. What letter indicates the trap seal?
 - D
 - F
 - A
 - C

UPC Chapter 10 Traps and Interceptors

RV 11.11.2021

3. What letter indicates the top of dip?

- G
- A
- B
- E

4. What letter indicates the trap weir or crown weir?

- E
- F
- D
- G

5. What letter indicates the crown?

- E
- F
- G
- D

Quiz 2

1. Each plumbing fixture trap shall be protected against siphonage and backpressure by a/n _____.

- sanitary tee
- vent pipe
- air admittance device
- backflow preventer

2. The maximum length of a 2-inch diameter trap arm measured from the trap weir to the inner edge of the vent shall not exceed _____.

- 30 inches
- 42 inches
- 60 inches
- 72 inches
- 120 inches

3. The maximum length of a 1½ inch diameter trap arm measured from the trap weir to the inner edge of the vent shall not exceed _____.

- 30 inches
- 42 inches
- 60 inches
- 72 inches
- 120 inches

4. The minimum distance of a trap to the vent for a 3-inch diameter trap arm is _____.

- 3 inches
- 2½ inches
- 8 inches
- 6 inches

5. The maximum distance of a trap to the vent for a 3-inch diameter trap arm is _____.

- 30 inches
- 60 inches
- 72 inches
- 120 inches

Quiz 3

1. No more than _____ approved slip joint fitting(s) is/are permitted on the outlet side of trap.

- one
- three
- two
- four

2. No tubing trap shall be installed without a _____.

- listed trap adaptor
- slip joint
- union
- plumber

3. Listed _____ may be used to connect listed metal tubing traps.

- male adaptors
- female adaptors
- PEX adaptors
- plastic trap adaptors

4. The _____ of a trap connected to a fixture shall be sufficient to drain the fixture rapidly but in no case be smaller than or one pipe size larger than the fixture drain.

- circumference
- cross-sectional area
- length
- thickness
- nominal diameter

5. No trap shall be used that _____.

- depends on movable parts for sealing
- has, with some exceptions, concealed interior partitions
- is classified as an "S" trap or bell trap
- all of the answers provided

Quiz 4

1. Each fixture trap shall have a water seal of not less than _____.

- 1 inch
- 2 inches
- 3 inches
- 4 inches
- 5 inches

UPC Chapter 10 Traps and Interceptors

RV 11.11.2021

2. Each fixture trap shall have a water seal of not more than _____.
 - 1 inch
 - 2 inches
 - 3 inches
 - 4 inches
 - 5 inches
3. Traps shall be set true with respect to their liquid seals.
 - True
 - False
4. The water seal of the trap shall be _____.
 - protected from freezing
 - 17-gauge brass
 - 6 inches deep
 - protected from hot water
5. Floor drains shall connect into a trap constructed so that it can be _____.
 - accessible
 - easily removed
 - readily cleaned
 - protected

Quiz 5

1. Interceptors shall be provided when, in the judgment of the Authority Having Jurisdiction, they are necessary for the proper handling of liquid wastes containing _____.
 - grease and flammable wastes
 - sand and solids
 - acid or alkaline substances
 - all of the answers provided
2. A grease trap is a fixture trap.
 - True
 - False
3. The Authority Having Jurisdiction shall approve the _____ of interceptors.
 - size
 - type
 - location
 - all of the answers provided
4. Interceptors for sand and similar heavy solids shall have a water seal of not less than _____.
 - 4 inches
 - 6 inches
 - 8 inches
 - 10 inches

5. Interceptors (clarifiers) shall not become air-bound where closed covers are used.
 - True
 - False

Quiz 6

1. FOG is an acronym for _____.
 - low level water mist that obscures vision
 - Food, Oil, and Gravy
 - Fats, Oil, and Grease
 - Floating Oily Globbs
2. Grease must not be placed in any sanitary drains because _____.
 - decomposition leads to an explosive mixture
 - the grease cannot be removed in waste water treatment plants
 - excessive quantities are poisonous
 - it builds up and clogs the waste drainage lines
 - the carbon in the grease increases global warming
3. A grease interceptor _____ be required for individual dwelling units or for private living quarters.
 - shall
 - shall not
4. Water closets and urinals shall _____ into or through a grease interceptor.
 - drain
 - be directly connected
 - be connected indirectly
 - not drain
5. Each fixture discharging into a gravity grease interceptor shall be _____.
 - in the same room
 - individually trapped and vented
 - readily accessible
 - approved for that use

Quiz 7

1. Grease interceptors shall be at all times _____ for inspection, cleaning and removal of grease.
 - easily accessible
 - labeled with instructions
 - documented by the manufacturer
 - open
2. It is recommended that a _____ be located at the outlet end of all gravity grease interceptors.
 - pH monitor
 - CO monitor
 - sight glass
 - sample box

UPC Chapter 10 Traps and Interceptors

RV 11.11.2021

3. The purpose of a gravity grease interceptor (GGI) sample box is to _____.
 - add water into the GGI to assist with separation
 - allow for inspection by the AJH to ensure it is operating properly
 - provide means for cleaning and servicing the GGI
 - none of the answers provided
4. The volume of the gravity grease interceptor shall be determined by using _____.
 - Table 313.1
 - Table 1014.2.1
 - Table 1014.3.6
 - Table 610.3

Fill in the example below to answer question 5.

The Authority Having Jurisdiction has mandated a grease pre-treatment for the following fixtures:

- 4 floor drains = _____ DFU
- 2 commercial food prep sinks = _____ DFU
- 1 service sink with a 3" trap = _____ DFU
- 2 dishwashers discharging 20 gallons per minute each = _____ DFU

5. The minimum size gravity grease interceptor in gallons required would be _____.
 - 500
 - 750
 - 1000
 - 1250

Quiz 8

1. Oil and flammable liquid interceptors are required to be installed in _____.
 - A. repair garages
 - B. factories that have oily wastes
 - C. apartment buildings with underground garages
 - D. answers A and B
 - E. answers B and C
2. The minimum size of the waste line shall be not less than _____ in diameter with a full-size cleanout to grade.
 - 3 inches
 - 2 inches
 - 1-1/2 inches
 - 4 inches
3. Oil and flammable liquid interceptors shall have an approved waste oil tank with a minimum capacity of _____ gallons.
 - 600
 - 700
 - 100
 - 550
4. Oil and flammable liquid interceptors not rated by the manufacturer shall have a depth of not less than _____ below the invert of the discharge drain and an outlet opening with not less than a/an _____ water seal.
 - 1½ feet – 12 inch
 - 2 feet – 18 inch
 - 2½ feet – 24 inch
 - 3 feet – 36 inch
5. Where not more than three motor vehicles are serviced, stored, or both, interceptors shall have a minimum capacity of _____.
 - 6 cubic feet
 - 8 cubic feet
 - 20 cubic feet
 - 1 cubic foot