

2006 UPC Update Questions

RV. 8.25.09

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Quiz 1: Chapter 2 – Definitions

Question 1: An Excess Flow Valve is designed to _____ when the fuel gas passing through exceeds a prescribed flow rate.

- a. open
- b. alarm
- c. close
- d. divert to an overflow tank

Question 2: FOG is an acronym for _____.

- a. Fats, oils, greases
- b. air born water vapor at the dew point
- c. For open garbage
- d. Fuel Oil Gravity

Question 3: The minimum retention time for a gravity grease interceptor is _____ minutes.

- a. 10

- b. 20
- c. 30
- d. 45

Question 4: A gravity grease interceptor shall have at least _____ compartments.

- a. 2
- b. 3
- c. 4
- d. Code does not specify

Question 5: The minimum volume for a gravity grease interceptor is _____ gallons.

- a. 200
- b. 300
- c. 500
- d. Code does not specify

Question 6: A Grease Removal Device (GRD) mechanically removes FOG from the interceptor.

2006 UPC Update Questions

RV. 8.25.09

- a. True
- b. False

Question 7: A grease trap is designed to remove grease from a maximum of _____ fixtures.

- a. 1
- b. 3
- c. 5
- d. None of the above

Question 8: The UPC defines Hot water to be at a temperature equal or greater than _____ deg. F. while WA. has not accepted this definition.

- a. 120
- b. 130
- c. 140
- d. 150

Question 9: PVDF is acceptable for corrosive waste drainage systems.

- a. True
- b. False

Question 10: Which of the following statements about a Vented Flow Control Device is incorrect?

- a. A VFCD must have an internal orifice to control flow rate.
- b. A VFCD must be installed downstream from the hydro-mechanical grease interceptor.
- c. A VFCD must have an air intake (vent) downstream from the orifice.
- d. All of the above are correct.

Quiz 2: Chapter 3 – General Regulations

Question 1: Any waste that is generated shall be treated by a sewage treatment plant.

- a. True
- b. False

Question 2: The enlargement of a three (3) inch closet bend or stub to four (4) inches is considered to be an obstruction.

- a. True
- b. False

Question 3: All trenches _____ the footing of any building or structure and paralleling the same shall be at least _____ therefrom, or as approved in Section 301.1 of this code.

- a. Deeper than, 45 degrees
- b. Higher than, 33 1/3 degrees
- c. Higher than, 90 degrees
- d. Equal in depth to, 60 degrees

Question 4: A plastic pipe running through framing members to within 1 inch of the exposed framing shall be protected by a steel plate extending at least _____ beyond the outside diameter of the pipe.

- a. 3/4 inch
- b. 1 inch
- c. 1 1/2 inches
- d. 2 inches

Question 5: When is a sleeve required to protect piping?

- a. Piping through a concrete wall.
- b. Piping through a concrete floor.
- c. Piping through a masonry wall.
- d. All of above except when the hole is drilled or bored.

Question 6: A structural member weakened by cutting or notching does NOT need to be reinforced or repaired.

- a. True
- b. False

Question 7: For new construction, all tubs placed on the 1st floor over a crawl space will need to be rat-proofed with a metal collar or screen that has openings less than _____ in the least dimension.

- a. 1/8 inch
- b. 1/4 inch
- c. 1/2 inch
- d. 3/4 inch
- e. 1 inch

Question 8: When installing fixtures, they must be adequately supported in accordance with:

- a. The latest UPC code
- b. Manufacturer's installation instruction
- c. The requirements of the Authority Having Jurisdiction
- d. All of the above
- e. None of the above

2006 UPC Update Questions

RV. 8.25.09

Question 9: All trenches deeper than the footing of any building or structure and paralleling the same shall be at least _____ degrees.

- a. 33 1/3
- b. 45
- c. 66 2/3
- d. Not addressed in code

Question 10: The solvent cement transition between ABS and PVC building drain can be:

- a. ABS solvent
- b. PCV solvent
- c. Either ABS or PCV
- d. Only a listed transition solvent cement

Question 11: Which of the following alloys can be used for brazing?

- a. Soft solder, liquid point of 486 deg F
- b. Soft solder, liquid point 728 deg F
- c. Silver solder, liquid point 984 deg F
- d. Silver solder, liquid point 1021 deg. F

Question 12: Which of the following is an acceptable method to join copper tubing and a fitting?

- a. Solder
- b. Brazing
- c. Flaring
- d. Pressed joint
- e. All of the above

Question 13: Soil and drain pipes located in areas where food and drink are prepared shall be subjected to a standing water test of not less than _____ feet.

- a. 10
- b. 20
- c. 25
- d. 30
- e. None, section deleted in 2006 UPC code

Quiz 3: Chapter 4 – Plumbing Fixtures and Fixture Fittings

Question 1: Plumbing fixtures shall be constructed with the following attributes EXCEPT being:

- a. Dense
- b. Porous
- c. Smooth

d. Free from unnecessary concealed fouling surfaces

Question 2: In Washington, urinals shall have a maximum water consumption of not more than _____ gallon(s) of water per flush.

- a. 1.0
- b. 1.5
- c. 2.0
- d. 2.5

Question 3: The following material may not be used for a wash tray or sink:

- a. Concrete
- b. Cement
- c. Wood
- d. Stainless steel

Question 4: A sheet-metal lined wooden bathtub can be installed in a house.

- a. True
- b. False

Question 5: A dry or chemical toilet can be installed in a house.

- a. Yes, any time
- b. No, not at any time
- c. Yes, but first must be approved by the Health Officer

Question 6: Connection of water and/or waste for an ornamental fountain basin must be submitted for approval to the AHJ prior to installation.

- a. True
- b. False

Question 7: Which of the following may not be used to make a special fixture?

- a. Soapstone
- b. Chemical stoneware
- c. Copper-based alloy
- d. Nickel-based alloy
- e. Lead

Question 8: Floors shall be sloped _____ floor drains.

- a. Toward
- b. Away from
- c. On a neutral plane with
- d. Any of the above

2006 UPC Update Questions

RV. 8.25.09

Question 9: Whirlpool pump access located in the crawl space shall be located no more than _____ feet from an access door, trap door or crawl hole.

- a. 10
- b. 15
- c. 20
- d. 30
- e. Not specified

Question 10: The maximum temperature for a whirlpool bathtub is _____ degrees F.

- a. 120
- b. 130
- c. 140
- d. 150

Question 11: The water heater thermostat can be used as the control for regulating the maximum whirlpool bath temperature.

- a. True
- b. False

Quiz 4: Chapter 5 – Water Heaters

Question 1: A fuel burning water heater may be installed in a closet located in the bedroom or bathroom several conditions are met. Which of the following is not required?

- a. The closet must have a listed gasketed door assembly
- b. The closet must have a self-closing door
- c. The closet door must have a minimum fire rating of 1 hr
- d. The closet door must have threshold and bottom door seal

Question 2: For appliances installed in an attic, the smallest allowed access opening is:

- a. 16 x 24 inches
- b. 20 x 28 inches
- c. 22 x 30 inches
- d. 24 x 36 inches

Question 3: Where the height of the passageway is less than 6 feet, the distance from the passageway access to the appliance shall not exceed _____ feet measured along the centerline of the passageway.

- a. 5
- b. 10

- c. 15
- d. 20
- e. None of the above

Question 4: The passageway for an appliance that is in the attic shall be unobstructed and shall have solid flooring not less than _____ inches wide from the entrance opening to the appliance.

- a. 16
- b. 18
- c. 22
- d. 24
- e. 30

Question 5: A level-working platform not less than _____ inches by _____ inches shall be provided in front of the service side of the appliance.

- a. 16 x 16
- b. 24 x 24
- c. 30 x 30
- d. 36 x 36

Question 6: For appliances located in an attic, a light along with a 120-volt receptacle shall be placed near the appliance. The light switch needs to be near the entryway.

- a. True
- b. False

Quiz 5: Chapter 6 – Water Supply and Distribution

Question 1: Which of the following plumbing fixtures are exempt from cross-connection protection?

- a. Lavatory faucets
- b. Urinals
- c. Water closets
- d. None of the above

Question 2: Who is responsible to properly maintain backflow devices in good working order?

- a. The plumber
- b. The maintenance crew
- c. An outside contractor
- d. The person or persons having control over such devices or assemblies

Question 3: The minimum inspection time between testing a backflow device is:

- a. 6 months

2006 UPC Update Questions

RV. 8.25.09

- b. 1 year
- c. 3 years
- d. Not addressed in the code

Question 4: Testing of a backflow assemble shall be performed by:

- a. The plumber
- b. The maintenance crew
- c. An outside contractor
- d. A Washington State Department of Health certified backflow assembly tester

Question 5: In cold climate areas, backflow assemblies and devices shall be protected from freezing with _____ or by a method acceptable to the Authority Having Jurisdiction.

- a. An outdoor enclosure
- b. Heat tape
- c. Circulating of hot glycol
- d. Assemblies must be placed inside the structure that is maintained at a minimum of 60 deg. F

Question 6: What method is to be used to size the drain lines serving backflow devices?

- a. A standard 1" drain line should be used
- b. The drain line should be the same size as the incoming service line
- c. The drain line should be the same size as the building's drain line
- d. The drain line size is determined from the manufactures flow charts for such devices

Question 7: A plumbing fixture may be installed which compromises the backflow prevention requirement of ASME A112.18.1.

- a. True
- b. False

Question 8: Single wall heat exchangers can be used in the following case:

- a. Indirect fired water heaters
- b. Refrigerant based heat recovery operations
- c. Glycol based solar heating
- d. All of the above
- e. None of the above

Question 9: Double-walled heat exchangers shall separate the potable water from the heat transfer medium by providing a space between the two walls, which is vented to the atmosphere.

- a. True
- b. False

Question 10: The individual connection of the dialysis-related equipment to the dialysis pure water system do not require additional backflow protection.

- a. True
- b. False

Question 11: The color for Copper Water Tube Type K is:

- a. Green
- b. Blue
- c. Red
- d. Yellow

Question 12: The color for Copper Water Tube Type L is:

- a. Green
- b. Blue
- c. Red
- d. Yellow

Question 13: The color for Copper Water Tube Type M is:

- a. Green
- b. Blue
- c. Red
- d. Yellow

Question 14: A water regulator shall be installed where static water pressure in the water supply piping is in excess of _____ psig.

- a. 60
- b. 80
- c. 100
- d. 120

Question 15: A water regulator shall reduce pressure so that it does not exceed _____ psig.

- a. 60
- b. 80
- c. 100
- d. 120

Question 16: An expansion tank is installed on a building water system downstream of the following device.

2006 UPC Update Questions

RV. 8.25.09

- a. Check valve
- b. Backflow preventer
- c. Any other normally closed device
- d. All of the above

Question 17: Instantaneous water heater with an inside diameter less than 3 inches do not require a PT relief valve.

- a. True
- b. False

Question 18: A relief valve drain may be smaller than the relief valve outlet.

- a. True
- b. False

Question 19: A relief valve drain that terminates outside of a building must be at least _____ above the ground and less than _____ above the ground.

- a. ½ ft and 2 feet
- b. 2 in and 1 ft
- c. 1 ft and 3 ft
- d. 16 in and 36 in

Question 20: The relief valve drain shall point _____.

- a. Sideways
- b. Upwards
- c. Downwards

Question 21: A relief valve drain is permitted to terminate in a building's crawl space.

- a. True
- b. False

Question 22: No part of a relief valve drain can be trapped or can be subject to freezing.

- a. True
- b. False

Question 23: The terminal end of a relief valve drain may be threaded.

- a. True
- b. False

Question 24: Air chambers may be used to reduce the effects of water hammer.

- a. True
- b. False

Question 1: Which of the following is permitted for sanitary drainage piping?

- a. Cast iron
- b. Lead
- c. Stainless steel 304 and 316L
- d. Extra-strength vitrified clay pipe
- e. All of the above

Question 2: Stainless Steel 304 pipe for sanitary drainage is permitted to be installed underground.

- a. True
- b. False

Question 3: Fittings made from Stainless Steel 304 may be used for drainage if installed above ground.

- a. True
- b. False

Question 4: Plugs for cleanouts must have either a raised square head or approved countersunk rectangular slots.

- a. True
- b. False

Question 5: A backwater valve is required:

- a. When a fixture is installed on a floor level that is lower than the next upstream manhole cover
- b. On all 3 story buildings
- c. In all buildings in a flood zone
- d. In all waste drainage systems permitted after July 1, 2007

Question 6: Grinder pumps shall be permitted in waste drainage systems.

- a. True
- b. False

Question 7: Listed macerating toilet systems shall be permitted as an alternate to a sewage pump system.

- a. True
- b. False

Question 8: The Authority Having Jurisdiction shall review before approval of the installation of a commercial food waste grinder connecting to a private sewage disposal system. (This section is deleted in WA.)

- a. True
- b. False

Quiz 6: Chapter 7 – Sanitary Drainage

2006 UPC Update Questions

RV. 8.25.09

Quiz 7: Chapter 8 – Indirect Wastes and Chapter 9 – Vents

Question 1: Condensate from a condensing furnace may be discharged into a drainage system made from the following:

- a. Cast iron
- b. Galvanized iron
- c. Plastic
- d. All of the above

Question 2: Air-conditioning condensate waste pipes shall connect indirectly to the drainage system through an airgap or airbreak to a properly trapped and vented receptor.

- a. True
- b. False

Question 3: Air conditioning condensate is allowed to drain over a public way.

- a. True
- b. False

Question 4: Which of the following materials cannot be used for vent pipe if below ground?

- a. Cast iron
- b. Brass
- c. SS 304
- d. Galvanized steel
- e. Galvanized wrought iron

Question 5: The minimum size wet vent for a bathroom wet vent with 4 dfu is:

- a. 1½ inches
- b. 2 inches
- c. 3 inches
- d. 4 inches

Question 6: The minimum size wet vent for a bathroom wet vent with more than 4 dfu is:

- a. 1½ inches
- b. 2 inches
- c. 3 inches
- d. 4 inches

Question 7: An accessible cleanout shall be installed in each vent for the combination waste and vent system.

- a. True
- b. False

Question 8: Cleanouts may not be required on any wet vented branch serving a single trap when the fixture tailpiece or connection is not less than three (3) inches in diameter and provides ready access for cleaning through the trap.

- a. True
- b. False

Quiz 8: Chapter 10 – Traps and Interceptors

Question 1: How many approved slip joint fittings may be used on the outlet side of a trap?

- a. 1
- b. 2
- c. 3
- d. Code does not address

Question 2: Only listed plastic trap adapters may be used to connect listed metal tubing traps.

- a. True
- b. False

Question 3: A trap that depends for its seal upon the action of movable parts may be used.

- a. True
- b. False

Question 4: S traps, bell traps and crown-vented traps may be used.

- a. True
- b. False

Question 5: Fixtures may be double trapped.

- a. True
- b. False

Question 6: Drum and bottle traps can be installed for any condition.

- a. True
- b. False

Question 7: No trap can be installed without a vent.

- a. True
- b. False

Question 8: Slaughterhouses, packing establishments and similar types of enterprises shall be connected to an approved grease interceptor.

- a. True

2006 UPC Update Questions

RV. 8.25.09

- b. False

Question 9: A grease interceptor is not required for individual dwelling units or any private living quarters.

- a. True
- b. False

Question 10: Water closets, urinals, and other plumbing, fixtures conveying human waste shall not drain into or through the grease interceptor.

- a. True
- b. False

Question 11: Individual grease interceptors shall be trapped in an approved manner.

- a. True
- b. False

Question 12: Individual grease interceptors shall be vented in an approved manner.

- a. True
- b. False

Question 13: A commercial food waste disposer is permitted to discharge directly into the building's drainage system without going through a grease interceptor.

- a. True
- b. False

Question 14: A vent shall be installed _____ of hydro-mechanical grease interceptors in accordance with the requirements of this code.

- a. Upstream
- b. On the unit
- c. Downstream
- d. None, not required

Question 15: Toilets, urinals, and other similar fixtures shall not drain through the interceptor.

- a. True
- b. False

Question 16: Grease latent wastewater shall enter the grease interceptor through the inlet pipe only before being discharged into the sanitary drainage system.

- a. True
- b. False

Question 17: Which of the following is not a requirement in the location of a grease interceptor?

- a. Located within 20 feet of the property line
- b. Located to be easily accessible for inspection
- c. Located to be easily accessible for cleaning
- d. Located to be easily accessible for removal of intercepted grease

Question 18: A grease interceptor is to be located in any part of a building where food is not handled.

- a. True
- b. False

Question 19: Interceptors shall be placed _____ to the fixtures they serve.

- a. As close as practical
- b. Within 10 feet
- c. Within 20 feet
- d. Anywhere within the property lines of the building

Question 20: Two restaurants, sitting on adjacent properties may share the same grease interceptor.

- a. True
- b. False

Question 21: The main purpose of a gravity grease interceptor is to _____.

- a. Remove grease from effluent.
- b. Allow solids to settle out to the bottom of the interceptor.
- c. Act as an overload storage container for peak flows.
- d. Meter in effluent at a reduced by standard rate into the sewer system.

Question 22: If the drainage fixture units (DFUs) are not known when designing a gravity grease interceptor, the interceptor shall be sized based on:

- a. An establishment of similar size
- b. An establishment of similar usage
- c. Physical space available to install such an interceptor
- d. The maximum DFUs allowed for the pipe size connected to the inlet of the interceptor

2006 UPC Update Questions

RV. 8.25.09

Question 23: Abandoned grease interceptors may be left undisturbed.

- a. True
- b. False

Question 24: The purpose of expanded section of 1015.1 FOG Disposal System is to provide necessary criteria for:

- a. Sizing
- b. Application
- c. Installation
- d. All of the above
- e. None of the above

Question 25: The maximum allowed FOG discharging from a FOG Disposal System is:

- a. 100 mg/l
- b. 200 mg/l
- c. 500 mg/l
- d. 1000 mg/l

Quiz 9: Chapter 11 – Storm Drainage

Question 1: Which of the following materials may NOT be used for rainwater piping placed within the interior of a building and installed underground.

- a. Cast iron
- b. Copper
- c. Lead
- d. 304 stainless steel

Question 2: The scupper opening shall be a minimum of _____ inches high and have a width equal to the circumference of the roof drain.

- a. 2
- b. 4
- c. 6
- d. 8

Question 3: The minimum distance that a secondary roof drain shall be located above the roof surface is _____ inches.

- a. $\frac{1}{2}$
- b. 1
- c. 2
- d. 3
- e. 4

Question 4: The secondary roof drainage system shall be a separate system of piping, independent of the primary roof drainage system.

- a. True
- b. False

Question 5: The discharge shall be _____ grade, in a location observable by the building occupants or maintenance personnel.

- a. Above
- b. On a level
- c. Below

Question 6: Secondary roof drain system shall be sized at 150% of the rainfall rate for which the primary system is sized.

- a. True
- b. False

Question 7: The combined secondary and primary roof drain systems shall be sized at 3 times the rainfall rate for the local area.

- a. True
- b. False

Question 8: The following material is NOT to be used for inside of conductors is installed below ground.

- a. Type M seamless copper water tube
- b. Hubless cast-iron soil pipe
- c. Stainless steel 304 pipe
- d. Schedule 40 PVC plastic pipe

Question 9: The following material may be used for construction of a leader.

- a. Type M seamless copper water tube
- b. Hubless cast-iron soil pipe
- c. Stainless steel 304 pipe (if above ground)
- d. Schedule 40 PVC plastic pipe
- e. All of the above

Quiz 10: Chapter 12 – Fuel Piping

Question 1: An excess flow valve is sized on the _____ flow anticipated for the main or branch of the fuel gas system in which the excess flow valve is installed.

- a. Minimum
- b. Maximum
- c. Averaged

Question 2: The section of the 2006 UPC that addresses Mitered Bends is _____.

- a. 1211.5.3

2006 UPC Update Questions

RV. 8.25.09

- b. No longer referenced

Quiz 10 continued: Chapter 13 – Health Care Facilities and Medical Gas and Vacuum Systems

Question 3: Chapter 13 covers Health Care Facilities and Medical Gas and Vacuum Systems. Does this chapter apply to breathing air replenishment (BAR) systems?

- a. Yes
- b. No

Question 4: Which of the following is no longer included in Chapter 13 Health Care Facilities and Medical Gas and Vacuum Systems?

- a. Oxygen
- b. Nitrogen
- c. Nitrous oxide
- d. Helium
- e. Medical air

Question 5: Oil free, dry nitrogen may be used for brazing medical gas lines.

- a. True
- b. False

Question 6: Type L may be used in operating pressures below _____ psig.

- a. 55
- b. 110
- c. 185
- d. 210

Question 7: Type K must be used for sizes larger than _____ inch.

- a. $\frac{3}{4}$
- b. 1
- c. $1\frac{1}{4}$
- d. $3\frac{1}{8}$

Question 8: Vacuum systems may be constructed of the following materials _____.

- a. Hard drawn water tube Type K
- b. Hard drawn water tube Type L
- c. Hard drawn water tube Type M
- d. Stainless steel
- e. all of the above

Question 9: Turns, offsets, and other changes in direction in welded or brazed medical gas and vacuum piping shall be made with brazed wrought-copper capillary fittings complying with:

- a. ASME B16.22
- b. ASME B16.50
- c. Either a or b
- d. Neither a nor b

Question 10: Which of the following methods can be used to join tubing together?

- a. Brazed joints
- b. Axially sage, elastic strain preload fittings
- c. Grooved joints rated by manufacturer
- d. Mechanically pressed and grooved joints
- e. Both a and b

Question 11: Which of the following joints are allowed in medical gas and vacuum distribution pipelines?

- a. Flared connections
- b. Compression type connections
- c. Straight-thread connections including unions
- d. All of the above
- e. None of the above

Question 12: Piping risers shall be permitted to be installed in pipe shafts if protected from:

- a. Physical damage
- b. Effects of excessive heat
- c. Corrosion
- d. Contact with oil
- e. All of the above

Question 13: Piping shall not be installed in:

- a. Kitchens
- b. Elevator shafts
- c. Elevator machine rooms
- d. Electrical service equipment over 600 volts
- e. All of the above

Question 14: When medical gas piping is installed in a service trench or tunnel with electrical lines, the trench or tunnel:

- a. Must be ventilated (naturally or mechanically)

2006 UPC Update Questions

RV. 8.25.09

- b. Ambient temperature must be below 130 deg. F
- c. Both a and b
- d. Neither, medical gas piping must be the only element in the trench or tunnel

Question 15: Medical gas piping that is installed underground and with a cover must:

- a. Have access at the joints for visual inspection and leak testing
- b. Be self-draining
- c. Constructed of ABS plastic or equivalent
- d. Be orange in color
- e. Only a and b of above

Question 16: Typically, the minimum backfilled cover above the top of the enclosure for buried piping outside of buildings shall be:

- a. 18 inches
- b. 24 inches
- c. 36 inches
- d. 48 inches

Question 17: A continuous warning marker for underground piping shall be placed:

- a. 6 inches below grade
- b. At ½ the burial depth
- c. Immediately above the enclosure
- d. Both b and c

Question 18: Brazed joints shall use a brazing filler metal that melts in excess of _____ deg. F.

- a. 1000
- b. 1125
- c. 1127
- d. 1309

Question 19: Brazing flux is required:

- a. On all joints
- b. On copper to copper joints
- c. Only dissimilar metal joints
- d. Never

Question 20: The recommended method(s) for cleaning exterior tub ends prior to brazing is to use:

- a. Clean non-shedding abrasive pads
- b. Steel wool
- c. Sand cloth
- d. All of the above

Question 21: After being abraded, the surfaces of the exterior of the tub shall be wiped using:

- a. A clean paper towel
- b. A clean, lint-free white cloth
- c. An oil free industrial wiping cloth
- d. All of the above

Question 22: Joints shall be brazed within _____ hours after the surfaces are cleaned for brazing.

- a. 1
- b. 2
- c. 3
- d. 8

Question 23: When brazing, a purge gas of _____ will need to be used to prevent the formation of copper oxide on the inside surfaces of the joint.

- a. Oxygen
- b. Nitrogen, dry, oil-free
- c. Filtered air
- d. Neon

Question 24: A pressure regulator alone can be used to control the purge gas.

- a. True
- b. False

Question 25: Prior to brazing, a test using a(n) _____ is used to ensure that all the ambient air has been removed from the pipeline.

- a. Combustible meter
- b. Halide leak detector
- c. Ultra-sonic meter
- d. None of the above

Question 26: When brazing, an opening to allow the purge gas to escape is required to be at the opposite end of the pipeline from the inlet of the purge gas.

- a. True
- b. False

Question 27: The flow of purge gas shall continue until:

- a. The brazing material solidifies
- b. 5 minutes after brazing is continued
- c. The joint is cool to the touch
- d. All of the above

2006 UPC Update Questions

RV. 8.25.09

Question 28: When using the auto-genous orbital welding process, joints shall NOT be continuously purged inside and outside with an inert gas in accordance with the qualified welding procedure.

- a. True
- b. False

Question 29: Pipe labels shall be at intervals not more than _____ feet.

- a. 10
- b. 15
- c. 20
- d. 25
- e. 30

Question 30: Pipe labels shall appear at least _____ in every room.

- a. once
- b. twice
- c. three
- d. not addressed in the code

Question 31: Pipe labels shall appear on both sides of walls or partitions penetrate by the piping.

- a. True
- b. False

Question 32: Code requires that visual indicators must remain in alarm until the situation that has caused the alarm is resolved.

- a. True
- b. False

Question 33: At 3 feet away from the alarm, how loud must the alarm be?

- a. 75 Db
- b. 80 Db
- c. 90 Db
- d. 100 Db

Question 34: Re-initiation of the audible signal if another alarm condition occurs while the audible alarm is silenced is required in the 2006 UPC.

- a. True
- b. False

Question 35: If room numbers are changed, the labeling of alarms corresponding to those room numbers must also be changed in a similar matter.

- a. True
- b. False

Question 36: The minimum number of air compressors for medical air is:

- a. 1
- b. 2
- c. 3
- d. Not addressed by code

Question 37: Pressure relief valves shall be set at _____ above line pressure.

- a. 50%
- b. 100%
- c. 200%
- d. 250%

Question 38: The minimum distance that a compressor air intake shall be from any door, window, exhaust, or other intake is _____ ft.

- a. 10
- b. 20
- c. 30
- d. 50

Question 39: The minimum distance that a compressor air intake shall be from above the ground is _____ ft.

- a. 10
- b. 20
- c. 30
- d. 50

Chapter 14 – Mandatory Referenced Standards

No change in code although Washington has added 3 standards to Table 14-1.

Chapter 15 – Fire Stop Protection

Question 40: When penetrating a fire-resistance-rated wall, partition, floor, floor-ceiling assembly, roof-ceiling assembly, or shaft enclosure, the fire resistance rating of the assembly shall be restored to its original rating.

- a. True
- b. False