

Quiz 40

1 According to the ASME Code Section Seven, purging of furnace should be three to five minutes or:

- a. 2 air changes
- b. 5 air changes
- c. 8 air changes
- d. 15 minutes at one half the fan output
- e. 10 minutes if it is a balanced draft system

2 Before removing oil burners from the furnace the burner should be blown out with:

- a. solvent
- b. coal oil
- c. a high temperature combustible solvent
- d. nitrogen or carbon dioxide
- e. steam or air

3 Black smoke can be caused by:

- a. insufficient combustion air
- b. too high a boiler pressure
- c. too much nitrogen in the air
- d. too much combustion air
- e. high temperature combustion air

4 Boiler stack temperature can rise if:

- a. excess air is reduced
- b. the waterside of boiler becomes cleaner
- c. the fireside of the boiler becomes fouled
- d. flue gas CO value rises
- e. fuel flow rate decreases

5 Carbon monoxide is both explosive and:

- a. inert
- b. expensive
- c. non-compressible
- d. gray in color
- e. Toxic

Quiz 40 Answers:

1 = c, 2 = e, 3 = a, 4 = c, 5 = e