Journeyman Renewal
2012 IFGC
1. Gas piping shall not penetrate building foundation walls at any point __

a. Above grade
b. Below grade
c. Flush to grade
d. Annular space
Answer IFGC 404.6

IFGC Link
2. Return air for forced air heating system is permitted to be obtained from a _____.

a. Sleeping room
b. Attic
c. Kitchen
d. Garage
Answer IFGC 618.4 #6

IFGC Link
3. The __ shall be responsible for the maintenance of fuel gas installations.

a. Contractor that services the equipment
b. Occupant of the structure
c. Code authority
d. Owner or owner's agent
Answer IFGC 102.3

IFGC Link
4. Exhaust ducts for clothes dryers shall terminate outside the building and shall be equipped with a ______.
Answer IFGC 614.4

IFGC Link
5. The test duration for a gas piping system in a single-family dwelling must not be less than _____ minutes.

a. 60  
b. 30  
c. 10  
d. 5
Answer IFGC 406.4.2

IFGC Link
6. Equipment and appliances having an ignition source shall be elevated so that the ignition source is not less than _____ above the floor in parking garages, repair garages, etc.

a. 12 inches  
b. 18 inches  
c. 6 inches  
d. 30 inches
Answer IFGC 305.3

IFGC Link
7. Piping for multiple meter installations shall be marked with an approved permanent identification by the _____.

a. Owner
b. Gas supplier
c. Installer
d. Code official
Answer IFGC 401.7

IFGC Link
8. Brass or copper gas piping is not allowed when the gas contains more than an average of ____. grains of hydrogen sulfide per 1000 standard cubic feet of gas.

a. 0.9
b. 0.6
c. .03
d. 0.1
Answer IFGC 403.4.3

IFGC Link
9. Where hydrogen-generating or refueling operations are taking place, louvers and grills shall be ______.

a. Fixed in an open position
b. Corrosion resistant material
c. Noncombustible material
d. An adjustable type
Answer IFGC 703.1.2

IFGC Link
10. The volumetric flow rate of the gas to be provided shall be calculated using the manufacturer's ______ of the appliance served.

a. Input rating  
b. Output rating  
c. Hourly load  
d. Operating pressure
Answer IFGC 402.2

IFGC Link
11. For appliances and other components that require service and are located within ____ of a roof edge shall have guards provided.

a. 15 feet
b. 20 feet
c. 10 feet
d. 12 feet
Answer IFGC 306.6

IFGC Link
12. Where vents pass through attic spaces the insulation shield shall terminate not less than ___ inches above the insulation materials.

a. 4  
b. 12  
c. 6  
d. 8
Answer IFGC 502.4

IFGC Link
13. Screens shall have a mesh size not smaller than --for a combustion air opening.

a. 1/8 inch  
b. ½ inch  
c. 3/8 inch  
d. ¼ inch
Answer IFGC 304.10

IFGC Link
14. True or False. Appliance shut-off valves located at a manifold are required to be readily accessible.

a. True
b. False
Answer IFGC 409.5.3

IFGC Link
15. Installation of appliances enclosed, basement and underground parking structures shall be in accordance with

- a. NFPA 88A
- b. NFPA 70
- c. The International Mechanical Code
- d. NFPA 58
Answer IFGC 305.9

IFGC Link
16. A type L vent is permitted for _____.

a. Unlisted combination gas and oil burning appliances
b. Category IV furnaces
c. Listed combination gas and oil burning appliances
d. Listed combination gas and solid fuel-burning appliances
Answer IFGC 503.4

IFGC Link
17. True or False. Gas shall not flow to the main burners when a mechanical draft system serving an appliance is not performing.

a. True  
b. False
Answer IFGC 503.3.5

IFGC Link
18. Unlisted appliances ______.

a. Required testing conducted by the manufacture
b. May be approved based upon an approved engineering evaluation
c. Are permitted to be installed in accordance with the manufactures installation instructions
d. Are not allowed to be installed
Answer IFGC 301.3

IFGC Link
19. True or False. A Boiler is not required to be vented.

a. True
b. False
Answer IFGC 501.8

IFGC Link
20. True or False. Catwalks provided for required access to roof top equipment shall be not less than 24 inches wide.

a. True
b. False
Answer IFGC 306.5

IFGC Link