



# S-93

## **PRACTICE TEST**

**Practice Test (More Than 250 Practice  
questions)**

**With Standard exam paper questions**

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# **INTRODUCTION**

## **ALL -IN -ONE**

### **Practice Test - Answers & Standard Exam Paper Questions**

**We will cover all parts of the S-93 Supervision Of Temporary Storage, Handling And Dispensing Flammable Or Combustible Liquids At Construction Sites chapter with more than 250 practice questions.**

**Practice Test** Approximately 90 pages and More than 250 MCQs, prepares you for certification and professional success. This guide covers critical knowledge and skills, with comprehensive practice questions, answers,. Designed to help you excel as a FDNY.

This Practice Test has a proven track record of helping candidates achieve top scores on the FDNY exam and gain the confidence they need for a successful career.

## **TOPIC 1: DEFINITIONS (15 Questions)**

**1. Which term describes a liquid having a closed.cup flash point below 100°F?**

- A. Cryogenic fluid
- B. Flammable liquid
- C. Combustible liquid
- D. Compressed gas

**2. A liquid with a flash point at or above 100°F is classified as:**

- A. Flammable liquid
- B. Volatile solid
- C. Unstable reactive
- D. Combustible liquid

**3. What is the temperature at which a liquid gives off enough vapor to ignite?**

- A. Melting point
- B. Boiling point
- C. Flash point
- D. Ignition point

**4. Which document provides detailed safety information about a specific chemical?**

- A. Fire Code Handbook
- B. Certificate of Fitness
- C. NFPA 704
- D. Safety Data Sheet

**5. A "Portable Tank" is defined as any container having a liquid capacity over:**

- A. 10 gallons
- B. 100 gallons
- C. 25 gallons
- D. 60 gallons

**6. An "Atmospheric Tank" is designed to operate at pressures not exceeding:**

- A. 5.0 psi
- B. 0.5 psi
- C. 10.0 psi
- D. 15.0 psi

**7. What is the process of connecting two objects with a wire to equalize static?**

- A. Bonding
- B. Insulation
- C. Venting
- D. Grounding

**8. A "Safety Can" must be equipped with a spring.closing lid and a:**

- A. Rubber gasket
- B. Locking mechanism
- C. Pressure gauge
- D. Flame arrester

**9. Which organization establishes the "Diamond" hazard identification system?**

- A. OSHA
- B. ANSI
- C. NFPA
- D. FDNY

**10. "Dispensing" refers to the transfer of liquid from a container to:**

- A. Another container
- B. An open drain
- C. A sealed tank
- D. A waste pit

**Answer Key (1-10):**

1. B

2. D

3. C

4. D

5. D

6. C

7. C

8. D

9. C

10. A

**11. A "Closed Container" is sealed by means of a lid so that:**

- A. No air enters
- B. No heat enters
- C. No liquid escapes
- D. No vapor escapes

**12. Which class of flammable liquids has a flash point below 73°F?**

- A. Class IIIA
- B. Class IIIB
- C. Class IA
- D. Class II

**13. "Grounding" involves connecting an object to:**

- A. A plastic pipe
- B. Another container
- C. A battery
- D. The earth

**14. The "Boiling Point" is the temperature at which the vapor pressure equals:**

- A. Zero pressure
- B. Critical pressure
- C. Atmospheric pressure
- D. Internal pressure

**15. What is the primary role of an S.93 Certificate of Fitness holder?**

- A. Supervise liquid storage
- B. Repair fuel tanks
- C. Extinguish major fires
- D. Design fire systems

**Answer Key (11-15):**

11. D

12. C

13. D

14. C

15. A

## **TOPIC 2: STORAGE (50 Questions)**

### **2.1 Quantity Limits (15 Questions)**

**16. How many gallons of flammable liquid can be stored in a single cabinet?**

- A. 90 gallons
- B. 120 gallons
- C. 30 gallons
- D. 60 gallons

**17. What is the maximum limit for Class II combustible liquids per cabinet?**

- A. 150 gallons
- B. 200 gallons
- C. 60 gallons
- D. 120 gallons

**18. Total storage in a group of cabinets must not exceed:**

- A. 240 gallons
- B. 120 gallons
- C. 500 gallons
- D. 300 gallons

**19. In a storage room, containers over 30 gallons must not be:**

- A. Labeled
- B. Vented
- C. Stacked
- D. Grounded

**20. At construction sites, the maximum storage of Class I liquids is:**

- A. 30 gallons
- B. 60 gallons
- C. 10 gallons
- D. 100 gallons

**21. Storage of Class III liquids at construction sites is limited to:**

- A. 250 gallons
- B. 330 gallons
- C. 120 gallons
- D. 60 gallons

**22. Quantities exceeding limits must be stored in a:**

- A. Fire-rated room
- B. Wooden shed
- C. Basements
- D. Open hallway

**23. Flammable liquids must not be stored near:**

- A. Exit paths
- B. Steel beams
- C. Safety showers
- D. Concrete walls

**24. A permit is required for storage of flammable liquids exceeding:**

- A. 10 gallons
- B. 5 gallons
- C. 1 gallon
- D. 20 gallons

**25. Combustible liquid storage requires a permit if it exceeds:**

- A. 20 gallons
- B. 25 gallons
- C. 10 gallons
- D. 5 gallons

**Answer Key (16-25):**

16. D

17. D

18. D

19. C

20. B

21. B

22. A

23. A

24. B

25. B

**26. Which class of liquid is Gasoline?**

- A. Class IB
- B. Class III
- C. Class II
- D. Class IA

**27. Kerosene is generally classified as:**

- A. Combustible Class II
- B. Flammable Class IA
- C. Flammable Class IB
- D. Combustible Class III

**28. The maximum size for a plastic container for Class IB liquids is:**

- A. 5 gallons
- B. 60 gallons
- C. 1 gallon
- D. 10 gallons

**29. Storage limits are strictly enforced to minimize:**

- A. Fire load
- B. Fuel consumption
- C. Inspection time
- D. Operational costs

**30. Who determines the specific storage location at a construction site?**

- A. The vendor
- B. The site worker
- C. The owner
- D. The FDNY

**Answer Key (26-30):**

26. A

27. A

28. A

29. A

30. D

## **2.2 Liquid Storage Cabinets (10 Questions)**

**31. Storage cabinets must be clearly labeled with:**

- A. "NO PARKING"
- B. "AUTHORIZED PERSONNEL ONLY"
- C. "FLAMMABLE . KEEP FIRE AWAY"
- D. "DANGER . POISON"

**32. If a metal cabinet is used, it must be at least:**

- A. 12-gauge steel
- B. 24-gauge steel
- C. 18-gauge steel
- D. Aluminum alloy

**33. The door of a storage cabinet must be:**

- A. Self.closing
- B. Glass.fronted
- C. Removed weekly
- D. Left open

**34. The bottom of a cabinet must be liquid.tight to a height of:**

- A. 10 inches
- B. 5 inches
- C. 1 inch
- D. 2 inches

**35. Cabinet vents should usually be:**

- A. Connected to HVAC
- B. Left wide open
- C. Sealed with caps
- D. Removed completely

**36. How many cabinets can be located in a single fire area?**

- A. Five
- B. Three
- C. Ten
- D. One

**37. Wooden cabinets must be constructed of:**

- A. Particle board
- B. Plywood
- C. Soft pine
- D. Exterior grade plywood

**38. The labels on cabinets must be:**

- A. In pencil
- B. Small text
- C. Conspicuous
- D. Inside the door

**39. Are cabinets required to be grounded?**

- A. Never
- B. Always
- C. If specified
- D. Only if plastic

**40. What is the primary purpose of a storage cabinet?**

- A. To protect containers
- B. To organize tools
- C. To hide spills
- D. To prevent theft

**Answer Key (31-40):**

### **2.3 Empty Containers (5 Questions)**

**41. Empty containers should be treated as:**

- A. Regular trash
- B. Full containers
- C. Non.hazardous
- D. Recycling material

**42. Before disposal, empty drums must be:**

- A. Painted blue
- B. Filled with water
- C. Crushed immediately
- D. Properly purged

**43. Empty containers must be stored with their:**

- A. Labels removed
- B. Caps tight
- C. Sides open
- D. Lids off

**44. Residue in "empty" containers can still cause:**

- A. Weight issues
- B. Structural rust
- C. Mild odors
- D. Vapor explosions

**45. Where should empty containers be stored?**

- A. Near elevators
- B. Indoor hallways
- C. Designated areas
- D. On the roof

**Answer Key (41-45):**

## **2.4 Protections Clearance (10 Questions)**

**46. A clearance of how many feet must be kept from buildings?**

- A. 5 feet
- B. 25 feet
- C. 50 feet
- D. 10 feet

**47. Storage areas must be protected from:**

- A. Sound waves
- B. Fresh air
- C. Natural light
- D. Physical damage

**48. What must be provided to contain leaks in storage areas?**

- A. Dikes or curbs
- B. Ceiling fans
- C. Rubber mats
- D. Paper towels

**49. Smoking is prohibited within how many feet of storage?**

- A. 25 feet
- B. 15 feet
- C. 10 feet
- D. 50 feet

**50. To prevent static, storage areas should be:**

- A. Sealed tight
- B. Kept humid
- C. Carpeted
- D. Well.ventilated

**51. Weeds and** [REDACTED]

- A. 50 feet away
- B. 15 feet away
- C. 30 feet away
- D. 5 feet away

**52. Storage must** [REDACTED]

- A. Concrete mixers
- B. Fire hydrants
- C. Parking spots
- D. Tool boxes

**53. Portable fire** [REDACTED]

- A. 50 feet
- B. 10 feet
- C. 30 feet
- D. 75 feet

**54. Containers must** [REDACTED]

- A. Radio waves
- B. Cool breezes
- C. Indoor lighting
- D. Direct sunlight

**55. Warning signs** [REDACTED]

- A. Hand.written
- B. Changed daily
- C. Highly visible
- D. Placed on floors

**Answer Key (46-55):**

## 2.5 Tank Storage (10 Questions)

56. Portable tanks [REDACTED]

- A. Wooden pallets
- B. Soft soil
- C. Stable surfaces
- D. Rooftops

57. The maximum [REDACTED]

- A. 5,000 gallons
- B. 660 gallons
- C. 500 gallons
- D. 1,000 gallons

58. Tanks must [REDACTED]

- A. Open tops
- B. Plastic hoses
- C. Glass windows
- D. Emergency vents

59. What is [REDACTED]

- A. Daily painting
- B. Air conditioning
- C. Sound proofing
- D. Security fencing

60. Separation distance [REDACTED]

- A. 1 foot
- B. 10 feet
- C. 3 feet
- D. 20 feet

**61. Tanks must** ■ ■ ■ ■

- A. Date of birth
- B. Product name
- C. Price per gallon
- D. Owner's name

**62. Support for** ■ ■ ■

- A. Highly flexible
- B. Fire resistant
- C. Made of plastic
- D. Temporary only

**63. Vent pipes** ■ ■ ■

- A. Into the basement
- B. Near the pump
- C. Into the tank
- D. To the outside

**64. If a** ■ ■ ■ ■ ■

- A. Filled with sand
- B. Removed from service
- C. Ignored if small
- D. Patched with tape

**65. Tanks must** ■ ■ ■

- A. Daily by COF
- B. Every hour
- C. Once a year
- D. Only when empty

**Answer Key (56-65):**

## TOPIC 3: HANDLING AND DISPENSING (35 Questions)

### 3.1 Liquid Transfer (20 Questions)

66. What is [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Siphoning by mouth
- B. Using a pump
- C. Pouring by hand
- D. Tipping the drum

67. Bonding wires [REDACTED] [REDACTED] [REDACTED]

- A. Only for water
- B. Before transfer starts
- C. To plastic parts
- D. After transfer starts

68. When filling [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. 100% expansion space
- B. No space
- C. The cap off
- D. Adequate vapor space

69. Transferring liquids [REDACTED] [REDACTED] [REDACTED]

- A. Ground floors
- B. Work areas
- C. Open yards
- D. Basements

70. Which is [REDACTED] [REDACTED] [REDACTED]

- A. Safety glasses
- B. Cold water
- C. Rubber boots
- D. Static electricity

**71. Containers must** [REDACTED]

- A. Wooden shelf
- B. Ground
- C. COF's lap
- D. Truck bed

**72. Class I** [REDACTED]

- A. Manual pumps
- B. Approved siphons
- C. Air pressure
- D. Gravity

**73. Dispensing areas** [REDACTED]

- A. Wooden decking
- B. Soft dirt floors
- C. Non.combustible floors
- D. Deep pile carpet

**74. If a** [REDACTED]

- A. Run away
- B. Light a match
- C. Call the media
- D. Stop the flow

**75. What must** [REDACTED]

- A. Spill kits
- B. Snack bars
- C. Extra clothing
- D. TV monitors

**Answer Key (66-75):**

**76. Funnels used** ■■■■

- A. Painted red
- B. Very narrow
- C. Plastic
- D. Metallicconductive

**77. Static charges** ■■■■

- A. Liquid friction
- B. Closing doors
- C. Reading signs
- D. Quiet talking

**78. Bonding prevents** ■

- A. Physical leak
- B. Chemical reaction
- C. Potential difference
- D. Price increase

**79. Transfer should** ■■■■

- A. Total darkness
- B. High winds
- C. Sealed closets
- D. Well.lit areas

**80. The COF** ■■■■

- A. Large crowds
- B. Fast speed
- C. Loud music
- D. Proper procedures

**81. Overflowing a [REDACTED] [REDACTED]**

- A. Good for cooling
- B. A major hazard
- C. Required for testing
- D. A minor error

**82. Shut.off valves [REDACTED] [REDACTED]**

- A. Self.closing
- B. Made of wood
- C. Locked open
- D. Hard to reach

**83. Transferring near [REDACTED] [REDACTED] [REDACTED]**

- A. Strictly prohibited
- B. Encouraged
- C. Sometimes okay
- D. Only for Class III

**84. Personnel performing [REDACTED] [REDACTED] [REDACTED]**

- A. Jewelry
- B. Sandals
- C. Appropriate PPE
- D. Loose clothing

**85. Nozzle-to-[REDACTED]**

- A. Only for plastic
- B. Unnecessary
- C. To be avoided
- D. Part of bonding

**Answer Key (76-85):**

### 3.2 Liquid Handling Devices (15 Questions)

86. Pumps used [REDACTED]

- A. Any garden pump
- B. Submersible
- C. Solar powered
- D. Specifically listed

87. Carts used [REDACTED]

- A. Painted yellow
- B. Appropriately rated
- C. Made of wood
- D. Highly unstable

88. Hoses must [REDACTED]

- A. Brand name
- B. Cracks and leaks
- C. Color change
- D. Length

89. A "Flame [REDACTED]

- A. External fire entry
- B. Liquid flow
- C. Static buildup
- D. Tank rust

90. Hand-operated [REDACTED]

- A. Very dangerous
- B. Only for water
- C. Preferred for safety
- D. Forbidden

**Answer Key (86-90):**

**91. Safety cans** ■■■

- A. Transparent body
- B. Self.closing lid
- C. Plastic handle
- D. Wide open spout

**92. Gauge glasses** ■■■■

- A. Made of thin glass
- B. Open to air
- C. Removed after use
- D. Protected from damage

**93. Drip pans** ■■

- A. Kept full
- B. Cleaned regularly
- C. Hidden from view
- D. Made of paper

**94. Piping for** ■■■■

- A. Rigid metal
- B. Glass pipes
- C. Rubber tubing
- D. Flexible plastic

**95. Valves must** ■■■■

- A. OpenClosed status
- B. The weight
- C. The price
- D. The manufacturer

**96. Self.closing faucets** ■ ■

- A. Noisy operation
- B. Accidental spills
- C. Cold hands
- D. High pressure

**97. Mechanical ventilation** ■ ■ ■

- A. The room is small
- B. It is hot outside
- C. The COF is tired
- D. Vapors can accumulate

**98. Electrical equipment** ■ ■ ■ ■ ■

- A. Standard household
- B. Unplugged daily
- C. Explosion.proof
- D. Battery operated

**99. Leak detection** ■ ■

- A. Only for tanks
- B. Done with a match
- C. Ignored
- D. Performed regularly

**100. Overfill protection** ■

- A. Not available
- B. Optional
- C. Critically important
- D. For small cans only

**Answer Key (91-100):**

## TOPIC 4: LABELING AND SIGNS (25 Questions)

### 4.1 NFPA Diamond (15 Questions)

101. In the        

- A. Special hazards
- B. Flammability
- C. Health hazard
- D. Instability

102. The Blue  

- A. Fire risk
- B. Health hazard
- C. Reactivity
- D. Water reactivity

103. The Yellow  

- A. Flammability
- B. InstabilityReactivity
- C. Corrosive
- D. Poison

104. A "4"    

- A. Minimal hazard
- B. Moderate hazard
- C. Severe hazard
- D. Slight hazard

105. A "0"    

- A. Will not burn
- B. Toxic
- C. Explodes
- D. Burns easily

**106. The White** [REDACTED]

- A. Company logo
- B. Special hazards
- C. Storage dates
- D. General info

**107. "OX" in** [REDACTED]

- A. Oxygen
- B. Oxide
- C. Oxidizer
- D. Oxen.free

**108. A symbol** [REDACTED]

- A. Water is nearby
- B. Wet area
- C. Use water
- D. Do not use water

**109. Which number** [REDACTED]

- A. 1
- B. 3
- C. 2
- D. 0

**110. The NFPA** [REDACTED]

- A. Under the tank
- B. At the entrance
- C. On the floor
- D. In the office

**Answer Key (101-110):**

**111. The health** [REDACTED] [REDACTED] [REDACTED]

- A. Causes itching
- B. Deadly
- C. Slightly irritating
- D. Safe to drink

**112. The flammability** [REDACTED] [REDACTED]

- A. Needs high heat
- B. Will not burn
- C. Ignites at room temp
- D. Extinguishes itself

**113. A reactivity** [REDACTED] [REDACTED]

- A. Radio.active
- B. Violent chemical change
- C. Slow reaction
- D. Stable

**114. Symbols in** [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Pictures
- B. Numbers
- C. LettersSymbols
- D. Colors

**115. NFPA 704** [REDACTED] [REDACTED] [REDACTED]

- A. Consumer use
- B. Truck drivers
- C. Emergency responders
- D. High schoolers

**Answer Key (111-115):**

## 4.2 Warning Signs/Labels (10 Questions)

116. "NO SMOKING" [REDACTED] [REDACTED] [REDACTED]

- A. Hand drawn
- B. In red letters
- C. Small and discrete
- D. Inside a drawer

117. Portable containers [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Liquid name
- B. COF number
- C. Date of purchase
- D. Room number

118. Warning signs [REDACTED] [REDACTED] [REDACTED]

- A. Cursive
- B. English only
- C. Code
- D. Multiple languages

119. A "Danger" [REDACTED] [REDACTED]

- A. Immediate hazard
- B. Future risk
- C. Low risk
- D. Advice

120. If a [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Treated as hazardous
- B. Poured down drain
- C. Used immediately
- D. Sniffed to identify

**121. Signs at** [REDACTED]

- A. Durable Weather proof
- B. Glow in the dark
- C. Hidden from public
- D. Paper only

**122. The word** [REDACTED]

- A. Tiny
- B. Lowercase
- C. Bold and capitalized
- D. In yellow ink

**123. Signs must** [REDACTED]

- A. The parking lot
- B. Every exit
- C. The breakroom
- D. Storage entrances

**124. "Keep Fire** [REDACTED]

- A. Warning phrase
- B. Cleaning tip
- C. Shipping label
- D. Greeting

**125. All labels** [REDACTED]

- A. Covered in plastic
- B. Scratched off
- C. In a filing cabinet
- D. Clean and legible

**Answer Key (116-125):**

## TOPIC 5: PORTABLE FIRE EXTINGUISHERS AND EMERGENCY RESPONSES (35 Questions)

### 5.1 Fire Extinguishers (20 Questions)

126. Which class [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Class B
- B. Class D
- C. Class A
- D. Class C

127. Class A [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Grease fires
- B. Wood and paper
- C. Electrical wires
- D. Metals

128. What does [REDACTED] [REDACTED] [REDACTED]

- A. Pull, Aim, Squeeze, Sweep
- B. Point, Aim, Spray, Sweep
- C. Pull, Arm, Squeeze, Spin
- D. Push, Aim, Shoot, Stop

129. How often [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Every five years
- B. Daily
- C. Yearly
- D. Monthly

130. A fire [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Last service date
- B. Manufacturer's age
- C. Price of unit
- D. COF's address

**131. Dry chemical** [REDACTED]

- A. Class B and C
- B. Only Class A
- C. Metal fires
- D. Cooking oil

**132. The maximum** [REDACTED]

- A. 30 feet
- B. 75 feet
- C. 50 feet
- D. 10 feet

**133. Fire extinguishers** [REDACTED]

- A. At eye level
- B. Behind a curtain
- C. On the floor
- D. In a locked box

**134. Which extinguisher** [REDACTED]

- A. Water only
- B. CO<sub>2</sub>
- C. Dry chemical
- D. Foam

**135. After use,** [REDACTED]

- A. Recharged
- B. Thrown away
- C. Painted
- D. Put back

**Answer Key (126-135):**

**136. A Class** ■ ■ ■ ■ ■

- A. Wood debris
- B. Combustible metals
- C. Live electrical equipment
- D. Gasoline

**137. The pressure** ■ ■ ■ ■ ■

- A. Yellow zone
- B. Red zone
- C. Green zone
- D. Zero zone

**138. Who can** ■ ■ ■ ■ ■

- A. The COF holder
- B. The security guard
- C. Licensed company
- D. Any construction worker

**139. CO2 extinguishers** ■ ■ ■

- A. Cooling the fuel
- B. Displacing oxygen
- C. Wetting the fuel
- D. Chemical reaction

**140. For a** ■ ■ ■ ■ ■

- A. The top flames
- B. The ceiling
- C. The smoke
- D. The base of fire

**141. If the** [REDACTED]

- A. Is ready to use
- B. Needs more air
- C. Must be replaced
- D. Is extra safe

**142. Extinguishers at** [REDACTED]

- A. Hidden from dust
- B. Shared between sites
- C. Readily available
- D. Kept in the truck

**143. A "Wheeled"** [REDACTED]

- A. Small trash cans
- B. Car trunks
- C. Desktop use
- D. Large hazards

**144. Hydrostatic testing** [REDACTED]

- A. Cleaning the hose
- B. Changing the label
- C. Checking the handle
- D. Testing tank strength

**145. "Class K"** [REDACTED]

- A. Krypton gas
- B. Knives
- C. Kerosene
- D. Kitchen grease

**Answer Key (136-145):**

## 5.2 Emergency Procedures (15 Questions)

146. If a [REDACTED]

- A. Call 911
- B. Try a second extinguisher
- C. Hide the chemicals
- D. Take a photo

147. To report [REDACTED]

- A. 811
- B. 311
- C. 911
- D. 411

148. During a [REDACTED]

- A. Ignore it
- B. Mop it up
- C. Evacuate the area
- D. Neutralize with acid

149. Spills must [REDACTED]

- A. New York Times
- B. FDNYDEP
- C. Local school
- D. Post office

150. When calling [REDACTED]

- A. Weather report
- B. COF's home phone
- C. Exact location
- D. Price of fuel

**151. An "Emergency [REDACTED] [REDACTED] [REDACTED]"**

- A. Clearly marked
- B. Locked with a key
- C. Used for daily stops
- D. Hidden for safety

**152. If a [REDACTED] [REDACTED] [REDACTED] [REDACTED]**

- A. Use a hose
- B. Stand still
- C. Stop, Drop, and Roll
- D. Run fast

**153. A spill [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]**

- A. Over 100 gallons
- B. Over 5 gallons
- C. Any amount
- D. Over 500 gallons

**154. Ignition sources [REDACTED] [REDACTED]**

- A. Turned on
- B. Eliminated immediately
- C. Watched closely
- D. Moved to the spill

**155. Sorbents used [REDACTED] [REDACTED] [REDACTED] [REDACTED]**

- A. Sawdust
- B. Non.combustible
- C. Paper shreds
- D. Cotton balls

**156. The COF** [REDACTED]

- A. Fire is outrelieved
- B. The owner leaves
- C. Lunch time
- D. It gets dark

**157. An "Evacuation** [REDACTED]

- A. Memorized only
- B. Posted and practiced
- C. Kept secret
- D. In a safe

**158. Fire doors** [REDACTED]

- A. Kept closed
- B. Locked from inside
- C. Propped open
- D. Made of glass

**159. The "Assembly** [REDACTED]

- A. Trash is kept
- B. Chemicals are mixed
- C. Trucks park
- D. People gather safely

**160. Spilled flammable** [REDACTED]

- A. Heavier than air
- B. Healthy to breathe
- C. Lighter than air
- D. Non.existent

**Answer Key (146-160):**

## TOPIC 6: COMMON FLAMMABLE AND COMBUSTIBLE LIQUIDS (25 Questions)

### 6.1 Flammable Liquids (15 Questions)

161. Which is [REDACTED]

- A. Molasses
- B. Diesel
- C. Motor oil
- D. Gasoline

162. Acetone is [REDACTED]

- A. Inert gas
- B. Solid fuel
- C. Combustible liquid
- D. Flammable liquid

163. Flammable liquids [REDACTED]

- A. 100°F
- B. 212°F
- C. 150°F
- D. 200°F

164. Isopropyl alcohol [REDACTED]

- A. A heavy oil
- B. Highly flammable
- C. A Class III liquid
- D. Non.flammable

165. Paint thinner [REDACTED]

- A. Class IA
- B. Class IB or IC
- C. Class IIIB
- D. Water.based

166. Which liquid [REDACTED]

- A. Class II
- B. Class IA
- C. Class III
- D. Water

167. Vapors from [REDACTED]

- A. Neutralize fire
- B. Travel to ignition sources
- C. Turn into gold
- D. Disappear instantly

168. Benzene is [REDACTED]

- A. Used for cooking
- B. ToxicCarcinogenic
- C. Blue in color
- D. Edible

169. Methanol is [REDACTED]

- A. A lubricant
- B. Fire retardant
- C. A solventfuel
- D. Drinking water

170. Class IC [REDACTED]

- A. Above 200°F
- B. Above 100°F
- C. Below 73°F
- D. Between 73°F and 100°F

**Answer Key (161-170):**

171. The lower [redacted] [redacted] [redacted] [redacted] [redacted]

- A. Maximum concentration for fire
- B. Temperature of fuel
- C. Minimum concentration for fire
- D. Weight of vapors

172. Toluene is [redacted] [redacted] [redacted] [redacted] [redacted]

- A. Bread making
- B. Fertilizers
- C. Sodas
- D. Paints and glues

173. Ethyl Ether [redacted] [redacted] [redacted] [redacted] [redacted]

- A. Does not burn
- B. Smells like roses
- C. Has a very low flash point
- D. Is very heavy

174. Most flammable [redacted] [redacted] [redacted]

- A. Green
- B. Invisible
- C. Odorless
- D. Solid

175. Storage of [redacted] [redacted] [redacted] [redacted] [redacted]

- A. Only for labs
- B. Strictly prohibited
- C. Permitted
- D. Good for visibility

**Answer Key (171-175):**

## 6.2 Combustible Liquids (10 Questions)

176. Diesel fuel ■ ■

- A. Class I liquid
- B. Class IV liquid
- C. Gas
- D. Class II liquid

177. Combustible liquids ■ ■ ■

- A. Above 500°F
- B. At or above 100°F
- C. Below 0°F
- D. Below 100°F

178. Class IIIA ■ ■ ■ ■

- A. 100°F to 140°F
- B. Below 73°F
- C. Above 200°F
- D. 140°F to 200°F

179. Motor oil ■ ■ ■

- A. Class IIIB liquid
- B. Explosive
- C. Flammable liquid
- D. Cryogen

180. Heating oil ■ ■ ■

- A. Class II
- B. Class IA
- C. Class IB
- D. Class I

**181. Can combustible** [REDACTED] [REDACTED] [REDACTED]

- A. Only with water
- B. Yes, if heated
- C. No
- D. Only in winter

**182. Which has** [REDACTED] [REDACTED] [REDACTED]

- A. Acetone
- B. Gasoline
- C. Ether
- D. Diesel

**183. "Flash Point"** [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. 200°F or higher
- B. 100°F
- C. 73°F
- D. 140°F

**184. Linseed oil** [REDACTED] [REDACTED]

- A. Spontaneous combustion
- B. High pressure
- C. Rust
- D. Static

**185. Storage of** [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. No precautions
- B. Same care as Flammables
- C. Freezing temps
- D. Open containers

**Answer Key (176-185):**

## TOPIC 7: CONTAINER AND TANK STORAGE (Construction Sites) (20 Questions)

### 7.1 Container Storage (10 Questions)

186. Containers at [REDACTED]

- A. Stacked 10 high
- B. Left on sidewalks
- C. Secured in a storage area
- D. Stored in the basement

187. The maximum [REDACTED]

- A. 100 gallons
- B. 5 gallons
- C. 500 gallons
- D. 60 gallons

188. Containers must [REDACTED]

- A. Date of manufacture
- B. Dust
- C. Brand name
- D. Leaks and dents

189. Stacking of [REDACTED]

- A. On their sides
- B. Minimal
- C. Maximum height
- D. In a circle

190. Is indoor [REDACTED]

- A. Generally prohibited
- B. Only for gasoline
- C. Always allowed
- D. Only in winter

**Answer Key (186-190):**

**191. Construction storage** [REDACTED] [REDACTED] [REDACTED]

- A. Open to public
- B. Under the crane
- C. Near the cafeteria
- D. Clearly demarcated

**192. "Temporary" storage** [REDACTED]

- A. Duration of project
- B. One hour
- C. Permanently
- D. 5 years

**193. Protective barriers** [REDACTED] [REDACTED] [REDACTED]

- A. Hide the fuel
- B. Prevent vehicle impact
- C. Reduce noise
- D. Keep the fuel warm

**194. Containers must** [REDACTED] [REDACTED]

- A. Underwater
- B. Half.empty
- C. Tightly closed
- D. Open for venting

**195. Who is** [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. The mayor
- B. The COF holder
- C. The neighbors
- D. The delivery driver

**Answer Key (191-195):**

## 7.2 Temporary Tanks (10 Questions)

196. Temporary tanks [REDACTED] [REDACTED]

- A. Made of wood
- B. On wheels
- C. Buried
- D. Above ground

197. The tank [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. 15 feet
- B. 25 feet
- C. 50 feet
- D. 5 feet

198. Secondary containment [REDACTED] [REDACTED]

- A. 110% of tank
- B. 10% of tank
- C. 200% of tank
- D. 50% of tank

199. Filling the [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. By a qualified person
- B. During the night
- C. By any worker
- D. Remotely from home

200. Tank vents [REDACTED] [REDACTED]

- A. Blocked with tape
- B. Free and clear
- C. Facing down
- D. Underwater

**Answer Key (196-200):**

**201. "Overfill alarms" [REDACTED]**

- A. Required for tanks
- B. Too noisy
- C. Optional
- D. Not used in NYC

**202. Piping must [REDACTED]**

- A. Rubber bands
- B. Steel or iron
- C. Plastic hose
- D. Copper wire

**203. Tanks must [REDACTED]**

- A. Keep them warm
- B. Make them heavy
- C. Prevent static sparks
- D. Save electricity

**204. Collision protection [REDACTED]**

- A. Yellow tape
- B. Foam pillows
- C. Substantial posts
- D. Traffic cones

**205. The COF [REDACTED]**

- A. Once a month
- B. Never
- C. Only when filling
- D. Each work day

**Answer Key (201-205):**

## TOPIC 8: OTHER SPECIAL REGULATIONS (15 Questions)

206. Permits for [REDACTED]

- A. The IRS
- B. The Police
- C. The DMV
- D. The FDNY

207. A Certificate [REDACTED]

- A. 10 years
- B. Life
- C. 3 years
- D. 1 year

208. If you [REDACTED]

- A. Do nothing
- B. Stop working
- C. Throw away your COF
- D. Update your COF

209. Keeping records [REDACTED]

- A. A waste of time
- B. For big sites only
- C. Optional
- D. Required

210. FDNY inspectors [REDACTED]

- A. Access to site
- B. A hard time
- C. A new car
- D. A free lunch

**Answer Key (206-210):**

**211. Hot work** [REDACTED] [REDACTED] [REDACTED]

- A. Done in the dark
- B. Always safe
- C. Strictly regulated
- D. Encouraged

**212. Vandalism protection** [REDACTED] [REDACTED] [REDACTED]

- A. Removing signs
- B. Hiding the tank
- C. Locking valves
- D. Leaving keys in

**213. "Approved" means** [REDACTED] [REDACTED] [REDACTED]

- A. Fire Commissioner
- B. General public
- C. News media
- D. Site owner

**214. Waste liquids** [REDACTED] [REDACTED]

- A. Left for others
- B. Disposed of properly
- C. Poured in dirt
- D. Burned in a barrel

**215. The S.93** [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

- A. Valid everywhere in USA
- B. Only for Brooklyn
- C. Valid in all 5 boroughs
- D. Only for City Hall

**216. Liquid storage** ■ ■ ■

- A. Good for insulation
- B. Highly recommended
- C. Prohibited for Class I
- D. Only for gas

**217. Spill kits** ■ ■ ■

- A. Absorbent pads
- B. First aid only
- C. Extra fuel
- D. Cigarettes

**218. Emergency contact** ■ ■ ■

- A. Memorized by all
- B. Posted near phones
- C. Kept in a safe
- D. Scratched out

**219. Training workers** ■ ■ ■ ■

- A. Required by law
- B. Too expensive
- C. A good idea
- D. Not necessary

**220. Fire lanes** ■ ■ ■

- A. Clear and unobstructed
- B. Narrow
- C. For parking only
- D. Full of storage

**Answer Key (211-220):**

## TOPIC 9: LITHIUM ION BATTERY SAFETY (5 Questions)

221. Lithium ion batteries [REDACTED]

- A. Deep freeze
- B. Thermal runaway
- C. Hibernation
- D. Infinite life

222. When a [REDACTED]

- A. Freezes the air
- B. Can re-ignite later
- C. Smells like vanilla
- D. Is easily put out

223. Standard ABC [REDACTED]

- A. Only for toys
- B. Highly effective on Li ion
- C. Not effective on Li ion
- D. Used for cooling

224. To charge [REDACTED]

- A. A paperclip
- B. A car battery
- C. Original listed chargers
- D. Any old charger

225. Damaged batteries [REDACTED]

- A. Properly recycle or disposed
- B. Put in the trash
- C. Taped up
- D. Charged immediately

**Answer Key (221-225):**

## PART 2: Standard Exam Paper Questions



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