

ASSIGNMENT 13

Textbook Assignment: Chapter 18 “*Surface Preservation.*”

1. Your department is responsible for cleaning all the areas listed on which of the following documents?
 1. The compartment checkoff list
 2. The Watch, Quarter, and Station Bill
 3. The Maintenance and Material Management System
 4. The Cleaning, Preservation, and Maintenance Bill
2. Cleaning gear is stocked and issued from what area?
 1. The supply department
 2. The first lieutenant’s storeroom
 3. The aft deck storeroom
 4. The common gear locker
3. When using cleaning agents, such as detergents, you should take which of the following steps to ensure good cleaning results?
 1. Wetting and rinsing only
 2. Wetting, scrubbing, and rinsing
 3. Scrubbing and drying only
 4. Scrubbing, wetting, and drying
4. Which of the following is the definition of a *field day*?
 1. The day before an important personal inspection
 2. A period set aside for the maintenance of personal clothing
 3. A day designated by the captain for participation of all hands in organized sports
 4. A period when all hands thoroughly clean the ship inside and out
5. Field days accomplish which of the following functions?
 1. Reduce the dirt intake caused by operating equipment
 2. Aid in the preservation of the ship by extending paint life
 3. Improve the appearance and sanitary condition of the ship
 4. All of the above
6. Vinyl deck coverings should be given what care frequently?
 1. Scrubbed, waxed, and buffed with an electric buffing machine
 2. Clamped down, dried, and buffed with a buffer
 3. Buffed with scouring pads and mineral spirits
 4. Swabbed with detergent and waxed with self-polishing wax
7. What material is added to nonslip deck coverings to provide better footing?
 1. Pieces of sandpaper
 2. Small pebbles
 3. Pumice
8. What type of inspection is taking place when the ship or station is divided into sections?
 1. Cruise inspection
 2. Zone inspection
 3. Captain’s inspection
 4. Shakedown inspection
9. Solvents should NEVER be used in unventilated spaces under any circumstances.
 1. True
 2. False

10. When using solvents, proper ventilation must be provided in which of the following areas?
 1. In voids only
 2. In exterior spaces only
 3. In interior spaces only
 4. Each of the above
11. Which of the following precautions will reduce the possibility of vapor buildup in an area?
 1. Wearing protective clothing, goggles, and gloves
 2. Keeping oxygen and first-aid equipment nearby
 3. Using extra fans for ventilation
 4. All of the above
12. When working with solvents in an enclosed space, you must take which of the following precautions?
 1. Wear an OBA at all times
 2. Always use the buddy system
 3. Ensure that the installed CO system is operational
 4. Have damage control personnel present to assist with spills
13. When using solvents, you must make sure that your personnel know the nearest escape route in case of fire and the location of the
 1. head
 2. nearest fire alarm
 3. roving patrol
 4. gas free engineer
14. Before starting a job that involves working with solvents, you should take which of the following precautions?
 1. Secure the roving patrol
 2. Have the area checked by the gas free engineer
 3. Obtain the ventilation plan for the space involved
 4. Both 2 and 3 above
15. If you are told by the gas free engineer that harmful vapors have increased to unsafe levels in the area in which your detail is working, you should take which of the following actions?
 1. Stop work immediately and clear the area until it is safe to return
 2. Notify damage control central and await guidance
 3. Evacuate the area after the second warning
 4. Have each member of the detail don an OBA
16. Solvents spilled on some types of tile may cause what type of problem?
 1. Radiation poisoning
 2. Lung irritation
 3. Skin disease
17. A spill must be reported if it presents a threat to the ship, the health of the crew, or involves more than what amount of solvent?
 1. 1 quart
 2. 1 gallon
 3. 5 quarts
 4. 5 gallons
18. A Sailor with a history of which of the following medical problems should not be permitted to work with paint, solvents, and thinners?
 1. Asthma
 2. Allergies
 3. Both 1 and 2 above
 4. Diabetes
19. If a solvent makes contact with a person's skin, the skin should be immediately flushed with which of the following liquids?
 1. Clear water
 2. Hydrogen peroxide
 3. Sodium chloride solution
 4. Sodium hydroxide solution

20. If someone has breathed vapors from solvents, which of the following actions should you take?
 1. Relieve the Sailor from the work detail
 2. Get the Sailor to a doctor as soon as possible
 3. Place the Sailor on report for unsafe work habits
 4. Make the Sailor wear an OBA for the remainder of the work detail
21. With reference to a self-contained breathing apparatus (SCBA), which of the following statements is correct?
 1. It contains a cartridge that may contain a chemical or carbon
 2. It filters out spray mist and absorbs vapors
 3. Both 1 and 2 above
 4. It is used in areas that lack oxygen
22. In addition to the possibility of fire, which of the following safety hazards may result if paint and solvent containers are not kept tightly closed?
 1. The area may become oxygen rich, causing light-headedness
 2. The paints and solvents may evaporate, causing loss of inventory
 3. The fumes and vapors may react with the deck tile, causing it to become slippery
 4. The oxygen in the area may be displaced, causing a shortage that will not sustain life
23. While inspecting containers of corrosive material being loaded aboard ship, you notice a dented can. What action should you take?
 1. Refuse to accept the damaged container
 2. Sign for the shipment but note the condition of the can on the bill of lading
 3. Sign for the material, but store the damaged container in a locker designed for flammable materials
 4. Circle the dent on the can with an international orange marker and use the can first
24. If you discover a leaking solvent container while inspecting your storage area, which of the following actions should you take?
 1. Check for the type of solvent by reading the contents label
 2. Immediately inform your supervisor
 3. Both 1 and 2 above
 4. Post a hazardous materials warning outside the area and notify the officer of the deck
25. When transferring solvents from one container to another, which of the following types of equipment should you use?
 1. An electric transfer pump using 110 volts ac or less
 2. An electric transfer pump using 28 volts dc or less
 3. A battery-operated transfer pump
 4. A standard Navy transfer pump
26. When at sea, which of the following methods is approved for handling and disposing of empty solvent containers?
 1. Retain all solvent containers onboard to facilitate transfer in the event of damage to a stored container
 2. Stow the containers in a disposal storage area until your next port of call; then dispose of them properly
 3. Puncture and discard the containers over the fantail once outside the 12-mile limit
 4. Puncture and discard the containers over the fantail once outside the 3-mile limit
27. You are inspecting stored paint and solvents. If you're unsure whether a large batch of paint is suitable for use, you should take what action?
 1. Return paint over 2 years old to the manufacturer
 2. Forward a sample to the nearest Navy testing laboratory
 3. Paint a test area and observe the results
 4. Use the paint

28. If you have which of the following symptoms, the compartment you're working in might have bad air?
1. Headache
 2. Dizziness
 3. Labored breathing
 4. All of the above
29. While working in a closed space, a Sailor has lost consciousness. You should immediately enter the space to help your shipmate.
1. True
 2. False
30. To find the storage requirements for solvents, you should refer to what document?
1. PMS
 2. MRC
 3. MSDS
31. Which of the following protective equipment should be worn when working with chlorinated cleaning solvents, organic cleaning solvents, and fluorocarbon refrigerants and solvents?
1. Neoprene gloves
 2. Rubber gloves
 3. Safety splash goggles
 4. All of the above
32. Painting the exterior of an aircraft carrier requires about how many gallons of paint?
1. 950
 2. 1,000
 3. 1,250
 4. 1,500
33. Paint consists of a total of how many essential ingredients?
1. One
 2. Two
 3. Three
 4. Four
34. Paint pigment provides the coloring, rust prevention, and lasting quality of paint. Pigment is made from which of the following metals?
1. Lead
 2. Zinc
 3. Titanium
 4. All of the above
35. What ingredient is the most common one used to make thinners?
1. Denatured alcohol
 2. Mineral spirits
 3. Linseed oil
 4. Water
36. Which of the following petroleum products must NEVER be used to thin paint?
1. Kerosene
 2. Diesel oil
 3. Both 1 and 2 above
 4. Mineral spirits
37. What minimum number of coats of primer should be used on a surface cleaned to bare metal?
1. One
 2. Two
 3. Three
 4. Four
38. What is the minimum amount of drying time required between primer coats?
1. 24 hours
 2. 12 hours
 3. 8 hours
 4. 4 hours
39. What color paint is used to paint the underside of deck overhangs?
1. White
 2. Black
 3. Haze gray
 4. Deck gray
40. The deck of the machinery spaces is painted what color?
1. Haze gray
 2. Deck gray
 3. Dark red
 4. Dark green
41. Feathering the paint edges of chipped or scraped areas should be done with which of the following tools?
1. Scraper
 2. Sandpaper
 3. Chipping hammer
 4. Hand wire brush

42. What tool should you use to remove deeply embedded rust?
1. A power-operated heavy-duty wire brush
 2. An electric disk sander
 3. A rotary chipping tool
 4. A pneumatic hammer
43. You would use a rotary scaling and chipping tool on which of the following jobs?
1. To chip a bulkhead
 2. To chip up old tile
 3. To chip a large deck area
44. The most important safety precaution to follow when using portable tools is to make sure they are properly grounded.
1. True
 2. False
45. What is the first sign of galvanic corrosion on aluminum?
1. Disintegration of the rivets or bolts holding the aluminum
 2. Loose rivets, screws, or bolts holding the aluminum
 3. Pitting and scaling of the surface
 4. Appearance of a white powdery residue
46. Which of the following tools should be used to chip painted aluminum surfaces?
1. Hand scraper
 2. Wire brush
 3. Sandpaper
 4. Each of the above
47. If you have a cut on your hand, what precaution, if any, should you take when using paint remover?
1. Use a simple dressing
 2. Put a bandage over the cut
 3. Wear gloves
 4. None
48. How many methods does the Navy use to apply paint?
1. One
 2. Two
 3. Three
 4. Four
49. What are the two most useful brushes to use when painting?
1. Flat brush and fitch brush
 2. Flat brush and sash tool brush
 3. Sash tool brush and painter's dusting brush
 4. Sash tool brush and fitch brush
50. What is meant by the terms laying on and laying off?
1. Double coat, going from left to right
 2. Applying strokes first in long strokes in one direction and then crossing your first strokes
 3. Spraying 10 inches away and then misting
51. What type of remover should you use to remove natural oil-based paints?
1. Turpentine
 2. Water
 3. Alcohol
 4. Xylene