MA 1C License Preparation

Practice Questions & Answers — CiteFly Safety Services · (508) 500-6447 · citefly.com
Correct answers are highlighted in green.

1. State & Federal Rules & Regulations

1. How often do you need to renew your license?

A. Once a year
B. Every 4 years
C. Every 2 years (correct)
D. You do not need to renew your license

2. What is Mgl c.146 , 53-53AE?

A. OSHA regulations
B. Chapter covering hoisting in ma (correct)
C. ANSI standards
D. ASME standards

3. Whoever violates any provision of section 53,53a or 54, or any rule or regulation made thereunder, shall be punished by a fine of not less than:

A. $ 500 and not more than $ 3000, or by imprisonment for not more than 3 months or both such fine and imprisonment. (correct)
B. $ 100 and not more than $ 1000, or by imprisonment for not more than 1 months or both such fine and imprisonment.
C. The State can not give fines or imprisonment
D. $ 5,000 and not more than $ 30,000, or by imprisonment for not more than 30 months or both such fine and imprisonment.

4. Whoever prevents or attempts to prevent any inspector from entering on any premises in the discharge of his duty shall be punished by a fine of not less than:

A. The State can not give fines or imprisonment
B. $25 and not more than 300, or by imprisonment for not more than 1 months or both such fine and imprisonment
C. $25,000 and not more than 300,000, or by imprisonment for not more than 36 months or both such fine and imprisonment
D. $250 and not more than 3000, or by imprisonment for not more than 3 months or both such fine and imprisonment (correct)

5. What is 230 CMR 6.00

A. OSHA Regulations
B. Code of Massachusetts Regulations (correct)
C. ASME Standards
D. ANSI Standards

6. If the state of MA fines you for not having a license, will you get fired from your job?

A. Yes
B. No (correct)

7. Does the hoisting license need to be carried on the person who is operating hoisting equipment?

A. Yes

B. No (correct)

8. What types of machinery needs a MA Hoisting License?

A. Minimum capability of hoisting the load higher than ten feet, and either the capability of lifting loads greater than 500 pounds or the capacity of the bucket exceeds ¾ cubic yards.

B. All equipment that hoists over 10 feet that weighs over 10,00 ponds.

C. Based on the type of Equipment not the attachments. (correct)

D. Minimum capability of hoisting the load higher than twenty feet, and either the capability of lifting loads greater than 250 pounds or the capacity of the bucket exceeds 1 cubic yards.

9. Any incident which results in serious injury, property damage, or any condition that is necessary for the preservation of the public health or safety at a site where hoisting machinery is operational shall be reported by the licensee operating the hoisting machinery or owner or owner's representative to the Department through the Department Incident Hotline at (508) 820-1444 within what time frame?

A. 24 hours

B. 12 hours

C. 1 hour (correct)

D. Immediately

10. What does the State mandate happen to equipment resulting in serious injury or death.

A. Cleared from the accident scene

B. Shall not be moved or dismantled from the site of the incident until the Department has investigated the incident. (correct)

C. Taking off site

D. Trailered to the company that owns it ASAP.

11. What MA regulations cover the Hoisting License?

A. 230 CMR 6.00 (correct)

B. OSHA 1926.1400

C. ANSI A92.2

D. ASME B30.20

12. What type of equipment is covered under the MA 1C Hoisting License?

A. Forklifts

B. Lulls/Construction forklifts without wire rope

C. Articulating Knuckle Booms

D. Wallboard Knuckle Booms.

E. All of the above (correct)

13. Does one need a MA hoisting license to operate equipment on private property?

A. Yes (correct)

B. No

14. What is needed to apply for your MA 1C Hoisting License?

A. Notarized letter from your employer stating that you work with this type of equipment

B. A legible copy of a valid driver's license, driver's license learner's permit, or a valid Massachusetts ID (correct)

C. Proof of more than 2 years of experience

D. Passport

15. What age do you need to be to apply for you MA hoisting license:

A. 18 (correct)
B. 21
C. 14
D. Any age

16. What is the purpose of 230 CMR 6.00?

A. The State is mandated by the Federal Government to have Hoisting Laws
B. Prevent too many people from getting there Hoisting License
C. To protect the public safety of the citizens of the Commonwealth (correct)
D. Generate revenue for the Commonwealth

17. What standard is used for Rigging equipment for material handling?

A. OSHA 29 CFR 1926.251 (correct)
B. ASME B30.20
C. ANSI A92.2
D. MA 230 CMR 6.00

18. All welding and cutting on excavation equipment shell be done in accordance of what standard.

A. Ansi A92.2
B. MA 230 CMR 6.00
C. Section IX of ASME Code (correct)
D. OSHA Sub Part CC

2. Forklift Basics & Operating Instructions

19. What does a forklift operator need to be, to be able to operate a forklift?

A. Trained and authorized by the OSHA 1910.178 safety standards
B. MA 1D or higher hoisting license
C. Both A and B (correct)
D. None of the above

20. Does a forklift operator need to be trained specifically on their type of Forklift?

A. Yes (correct)
B. No

21. If an accident happens while operating a forklift?

A. Park the forklift
B. Shut it off
C. Let a supervisor know and follow company procedures
D. All of the above (correct)

22. Which of the following are essential for forklift operation?

A. Smooth starts
B. Smooth stops
C. Smooth turns
D. All of the above (correct)

23. What is a 3 stage mast?

A. Only construction forklifts have one
B. A forklift that extends 3 levels up (correct)
C. A forklift with a 3 speed transmission
D. Extended forks

24. The operator feathers the controls when?

A. Driving inside
B. Traveling on an incline
C. Move the load smoothly and avoid Jerky movements (correct)
D. Crossing RailRoad Tracks

25. All Forklifts should come with?

A. Adequate Brakes (correct)
B. Headlights
C. Fork Extensions
D. Tow Hook

3. Vehicle Stability

26. What is the stability triangle?

A. The spot under the load on the forks
B. The safety cage
C. The counterweight
D. Distance between the front tires to a point on the center of the rear axle (correct)

27. What is the pivot point on a forklift?

A. Front axle or front wheels also called the fulcrum point (correct)
B. Counter weight
C. Rear axle
D. Forks

28. The stability of an unloaded forklift?

A. Is not important
B. Is just as important as a loaded forklift (correct)
C. Should only be considered while traveling at high speeds
D. Only important when traveling on rough ground

29. Carrying a load on the forks tips can?

A. Act as an unwanted counterweight in front
B. Create an unstable load condition
C. Results in the load falling off the forks
D. All of the above (correct)

30. The teeter totter is a good example of?

A. Leverage (correct)
B. Lifting
C. Stoping
D. Accelerating

31. Which of the following effects forklift safety?

A. Leverage
B. The center of gravity
C. The front axle
D. All of the above (correct)

32. While lifting a load with a forklift the Center of Gravity (COG) does what?

A. Move Backwards
B. Stay the same
C. Move forward (correct)
D. None of the above

33. Forward tipping will occur unless forklifts center of gravity is?

A. On the opposite side of the front axle. (correct)
B. On the same side of the front axle.
C. The forklift is designed to not tip
D. High

34. Momentum is force created by?

A. Starting
B. Stopping
C. Turning
D. All of the above (correct)

35. What force can cause a loaded forklift to tip forward when the brakes are applied suddenly?

A. Momentum (correct)
B. Electrical Force
C. Normal Force
D. None of the above

36. As the load of a forklift is raised, which of the following dangers increase?

A. Tipping
B. Loss of steering
C. The effects of momentum
D. All of the above (correct)

37. Picking up a load in excess of the safe limits can?

A. Forward tipping
B. Lose of steering
C. Cause the center of gravity to move forward
D. All of the above (correct)

38. Where should the Center of Gravity be while making a lift?

A. Close to the ground as possible
B. As close to the front wheels as possible
C. Both A & B (correct)
D. At the tips of the forks

39. When a forklifts center of gravity goes beyond the stability point?

A. It will cause the forklift to shut down
B. It will tip over (correct)
C. Forklifts are designed for this so nothing will happen
D. This can not happen

40. Using a short turning radius when traveling at a high speed can cause overturning due to?

A. Sticky wheels
B. It will not overturn
C. The forces of static electricity
D. The forces of momentum (correct)

4. Truck Controls, Refueling & Batteries

41. What is the weakest part of a hydraulic system?

A. Hose (correct)
B. Fittings
C. Tank
D. Control valve

42. Is a hydraulic system high or low pressure?

A. High (correct)
B. Low

43. While checking your electric forklifts battery you should wear?

A. Hazmat Suit
B. Nothing Special
C. Gloves & Safety Glasses (correct)
D. Helmet and mud boots

44. If you spill fuel while filling you Forklift one should?

A. Worry about it at the end of shift
B. Perform the proper safety procedures and clean the spill (correct)
C. Call OSHA
D. Call OPSI

5. Inspection, Maintenance & Safe Operation

45. How often should you inspect your forklift?

A. Once a week
B. Hourly
C. Never
D. Each shift (correct)

46. Are you mandated to document your daily inspection?

A. Yes
B. No (correct)

47. Is it mandatory to wear a seatbelt?

A. Yes (correct)
B. No

48. Propane is heavier than air?

A. True (correct)
B. False

49. What does ROPS mean?

A. Rear Operational Power System
B. Right Opposing Portable Stacker
C. Real Opposite Power Strong
D. Rollover Protection System including seatbelts and the roll cage. (correct)

50. If you find an unsafe situation while performing an inspection one should?

A. Take the forklift out of service (correct)
B. Be careful while operating
C. Only use it away from pedestrians
D. Take note and continual as usual

51. Inspection of the forklift is whose responsibility?

A. Mechanic
B. Management
C. Operator (correct)
D. Third party inspector

52. How should you exit the forklift?

A. 1 points of contact
B. 2 points of contact
C. 3 points of contact (correct)
D. 4 points of contact

53. The hydraulic system should be checked by?

A. Operating each hydraulic system through its full cycle (correct)
B. Visually inspection
C. Running it at full capacity
D. Management

54. Per OSHA does the forklift need a back up alarm?

A. Yes
B. No (correct)

55. If your forklift is equipped with a backup alarm can you remove it.

A. Yes
B. No (correct)

56. Do not start a forklift unless?

A. The controle are in neutral
B. The hand brake is set
C. You are sitting in the driver seat.
D. All of the above (correct)

57. What is the best practice to lowering and raising the load?

A. While at a complete stop (correct)
B. Traveling at a speed of 10 mph
C. Only while traveling in reverse direction
D. It does not matter

58. Prior to driving a forklift into a trailer you should?

A. The trailer can handle the weight of the forklift
B. Make sure it is secured
C. wheels are chocked
D. All of the above (correct)

59. When can one go under a raised load?

A. Always
B. Never (correct)

60. Before starting the forklift?

A. Put the the controls in 1st gear
B. Put the controls in reverse
C. The controls should be in neutral (correct)
D. Test your horn

61. While operating a forklift who has the right of way?

A. Pedestrians (correct)
B. The Forklift
C. Both A and B
D. No one does

62. Can you use a fork extension?

A. As long as they are less than 4 times the original fork length
B. Only if approved by the manufacture (correct)
C. No
D. Only if management lets you

63. What things determine how fast a hydraulic system moves?

A. The distance the controle move
B. The engine speed
C. Both A & B (correct)
D. None of the above

64. Ramming the hydraulic lift cylinder to the end of its stroke can?

A. Cause forward tipping
B. Results in jolts that are transformed to the load
C. Results in loss of steering
D. All of the above (correct)

65. How do you carry the load?

A. Scaping the forks along the ground
B. High in the air
C. 2´ to 4´ off the ground (correct)
D. With the load tilted forward

66. Prior to entering a trailer, who is responsible to check that it is secured?

A. Forklift Operator (correct)
B. Truck Driver
C. Management
D. Office staff

67. When is it safe to exceed the load limit of a forklift?

A. If your boss says so
B. Never (correct)
C. Only when lifting water
D. Only if not pedestrians are around

6. The Workplace & Hazardous Areas

68. If you are going to drive by a pedestrian you should do so?

A. You can not pass them
B. Parallel to that pedestrian (correct)
C. Drive up close and beep your horn
D. Tap them with the load to let them know they have to move

69. Can you turn a forklift on a slope or hill?

A. Yes
B. No (correct)

70. Can one be lifted with the forks of a forklift?

A. Yes (With manufacture approved work platform) (correct)
B. No (Never no matter what)

71. While traveling behind another forklift how far should you be from that forklift?

A. 1 Forklift Length
B. 2 Forklift Lengths
C. 3 Forklift Lengths (correct)
D. 4 Forklift Lengths

72. An operator may pick up and place a load with a forklift if the load is?

A. Within the limits the landing point will support
B. Within the forklifts rated capacity
C. Made up of several small pieces bundled/banded together
D. All of the above (correct)

73. The load will have maxim stability if?

A. The load is resting on the tips of the forks
B. The forks tips are inserted until it is against the backrest. (correct)
C. The load is lifted high
D. If you push the load with the forks

74. When it is necessary to travel on a slope or hill?

A. Approach it straight on
B. Do not turn
C. Do not travel across
D. All of the above (correct)

75. When you are operating a forklift and approach a blind corner?

A. Stop
B. Sound your horn
C. Proceed
D. All of the above (correct)

76. If the load on your forklift restricts your view you should?

A. Use a spotter
B. Drive backwards
C. Both A & B (correct)
D. None of the above

77. If you are about to roll over your forklift you should?

A. Stay in the forklift
B. Grab the wheel with both hands
C. Brace yourself with your feet
D. All of the above (correct)

78. If bystanders are in danger from a raised load, you should?

A. Get out of the forklift and walk them out of the danger zone
B. Sound your horn or tell them to move (correct)
C. Stop and call management to take care of it
D. Drive carefully

79. When is it permissible to carry riders while you are operating it?

A. Never (correct)
B. As long as you go slow
C. As long as there is no load on the forks
D. Only if management allows it

80. If a forklift tips forward?

A. You will tip over
B. Nothing happens
C. The forks will fall off
D. Steering control is lost (correct)

81. If the hydraulic system develops a leak during operation, you should?

A. Lower the load
B. Shut the engine off
C. Take the forklift out of service
D. All of the above (correct)

82. Job site conditions?

A. Have no effect on operating a forklift
B. Only matter if there is more than 1 forklift on site
C. Determine the safe working speed of the forklift (correct)
D. None of the above

83. If the load being carried obstructs vision one should?

A. Drive in reverse
B. Use a spotter
C. Both A & B (correct)
D. The forklift can not be used

84. When it is necessary to cross railroad tracks or other similar rough sections?

A. Backwards
B. Straight on
C. Cross them diagonally (correct)
D. This can not be done

85. When traveling down a slope or hill?

A. Slam the brakes.

B. Save the brakes by using the same gear you used going up. (correct)

C. Avoid hills at all costs

D. Put the forklift in neutral

86. When you operate a forklift and approach a vehicle or person alongside your path?

A. Slow down

B. Sound your horn

C. Proceed with caution after the have acknowledge your warning

D. All of the above (correct)

87. When it is necessary to travel on a floor system, is it important to know?

A. The weight of both the load and forklift

B. The capacity of the floor

C. Both A & B (correct)

D. None of the above

88. Before raising the load?

A. Brakes should be set

B. The lifting mechanism/Mast should be vertical

C. The forklift should be level

D. All of above (correct)

89. Before you withdraw the forks from the load that has just been placed?

A. Tilt forks up

B. Tilt fork down

C. They should be level (correct)

D. Does not matter

90. If it is necessary for the operator to re-stack the load?

A. Set the brake

B. Turn off the engine

C. Both A & B (correct)

D. This is not allowed

91. The rated capacity of the forklift can be found?

A. Load chart

B. Owners manual

C. Data plate

D. All of the above (correct)

92. While a load is being lifted, it should be?

A. Tilted slightly backwards (correct)

B. Tilted slightly forwards

C. Perfectly level

D. Tied to the forks

93. When approaching the location where the load will be placed?

A. Proceed at full speed

B. Proceed Slowly (correct)

C. Place the forklift in neutral and cost

D. Just get it done