

**SAMPLE UNDERGROUND STORAGE TANK (UST)
CLASS A and CLASS B CERTIFICATION QUESTIONS**

Prepared by the Michigan Department of Environmental Quality

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CAVEATS:

- **These sample questions are to help the candidates practice for the UST Certification examination. These are not necessarily the actual test questions.**
- **The actual examination is longer and has 40 questions for a Class A Certification and 60 questions for a Class B certification**

NOTES:

- Acronyms: DEQ is Department of Environmental Quality
LARA is the Department of Licensing and Regulatory Affairs
MUSTR is Michigan Underground Storage Tank Regulations
- The management of the Underground Storage Tank program is being transferred from the DEQ to LARA with effect from December 2, 2012.
- Questions 1 to 30 are common for Class A and Class B certification. Questions 31 to 45 are for Class B certification only.
- The answer key is on the last two pages.
- Please direct all inquiries to:

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QUESTIONS COMMON FOR CLASS A and CLASS B CERTIFICATION:

1. The Class A and Class B certification must be renewed every:
 - A. 1 year
 - B. 2 years
 - C. 5 years
 - D. 10 years

2. UST financial responsibility requirements apply to which of the following?
 - A. 600-gallon used oil tank
 - B. 40-gallon hydraulic hoist reservoir
 - C. 1,000-gallon commercial septic tank
 - D. 1,000-gallon residential gasoline tank

3. Secondary containment is required for all of the following except:
 - A. New UST systems
 - B. Piping in contact with the ground
 - C. Replacement UST
 - D. Vent line

4. A Class A operator shall maintain the records of UST site inspections for a MINIMUM of:
 - A. 1 year
 - B. 3 years
 - C. 5 years
 - D. 10 years

Sample UST Class A and Class B Certification Questions

5. New owners of an existing UST system shall register the UST system with the DEQ/LARA within what period from date of ownership?
 - A. 1 day
 - B. 30 days
 - C. 60 days
 - D. 90 Days

6. UST systems with cathodic protection should be inspected for proper operation by a qualified cathodic protection tester on the following schedule:
 - A. Every year
 - B. Every 5 years
 - C. Every 3 years
 - D. Every 10 years

7. UST systems with impressed current cathodic protection systems must be inspected at a minimum:
 - A. Every week
 - B. Every 30 days
 - C. Every 60 days
 - D. every 90 days

8. Within what period after a repair should a cathodically protected UST system be tested to ensure it is working properly?
 - A. 1 month
 - B. 3 months
 - C. 6 months
 - D. 9 months

Sample UST Class A and Class B Certification Questions

9. Pressurized underground piping that routinely contains regulated substances shall be monitored for releases in a manner that meets the following requirements:
- A. Be equipped with a line leak detector.
 - B. Have an annual line tightness test.
 - C. Either A or B.
 - D. Both A and B.
10. A suspected release must be confirmed to the DEQ/LARA within:
- A. 2 days
 - B. 7 days
 - C. 10 days
 - D. 30 days
11. Which of the following actions is **not** required in Michigan Underground Storage Tank Rules when there is a spill or overfill of petroleum or hazardous substances that result in a release into groundwater, surface water, or subsurface soils?
- A. Notify the DEQ/LARA of a confirmed release.
 - B. Notify the local police.
 - C. Immediately clean up the spill or overfill.
 - D. Contain the spill.
12. To permanently close a tank, an owner and operator shall:
- A. Empty and clean the tank by removing all liquids and accumulated sludge and purge it of all vapors.
 - B. Remove the tank from the ground.
 - C. Fill with an inert solid if removal jeopardizes the building structure integrity.
 - D. All of the above.

Sample UST Class A and Class B Certification Questions

13. If you have 100 or fewer tanks, financial responsibility is required in the aggregate amount of:
- A. \$½ million
 - B. \$1 million
 - C. \$ 2 million
 - D. \$ 3 million
14. Petroleum marketers are required to have financial responsibility to cover X dollars per occurrence. X is:
- A. \$100,000
 - B. \$500,000
 - C. \$1,000,000
 - D. \$3,000,000
15. Can an owner use pollution liability insurance as a means of financial responsibility?
- A. Yes
 - B. No
16. An automatic tank gauge must be able to detect a leak of X gallons per hour. X is:
- A. 0.1 gallons per hour
 - B. 0.2 gallons per hour
 - C. 0.3 gallons per hour
 - D. 0.5 gallons per hour

Sample UST Class A and Class B Certification Questions

17. Statistical inventory reconciliation (SIR) analyzes the following as a means of leak detection:
- A. Inventory
 - B. Delivery
 - C. Dispensing
 - D. All of the above
18. Manual tank gauging can be used as the 'sole' means of leak detection for tanks that are X gallons or less in capacity. X is:
- A. 550 gallons
 - B. 1,000 gallons
 - C. 2,000 gallons
 - D. 3,000 gallons
19. Check if the following statement is true or false: "A third party evaluation of a statistical inventory reconciliation is good for any type of tank and product."
- A: True
 - B: False
20. Automatic line leak detectors must be able to detect a leak of at least X gallons per hour at a line pressure of 10 psi within one hour. X is:
- A. 1 gallon per hour
 - B. 3 gallons per hour
 - C. 5 gallons per hour
 - D. 10 gallons per hour

Sample UST Class A and Class B Certification Questions

21. Line testing of piping shall be capable of detecting X gallons per hour leak rate at 1 ½ times the operating pressure. X is:
- A. 0.05 gallons/hour
 - B. 0.1 gallons/hour
 - C. 1.5 gallons/hour
 - D. 2 gallons/hour
22. What actions are not appropriate when the owner/operator becomes aware of a spill or overflow?
- A. Drain the spill to the storm sewer or nearby ditch.
 - B. Contain the spill or overflow.
 - C. Clean up the spill or overflow.
 - D. Begin corrective action when the spill results in a release into groundwater, surface water, or subsurface soils.
23. Upon confirmation of a release to the soil/groundwater/surface water the operator shall:
- A. Report the release to the DEQ within 24 hours, by fax or phone.
 - B. Report the release in a letter mailed to the DEQ.
 - C. Do nothing.
24. A class B operator shall not be responsible for more than the following facilities:
- A. 10 facilities
 - B. 30 facilities
 - C. 45 facilities
 - D. 50 facilities

Sample UST Class A and Class B Certification Questions

25. What is the minimum frequency of site inspections to assure operational compliance?
- A. Weekly
 - B. Monthly
 - C. Quarterly
 - D. Annually
26. If a facility has been determined by the DEQ inspector to be out of compliance with the significant operational compliance requirements, the DEQ shall retrain:
- A. The on-site facility operator.
 - B. The class B operator for the facility.
 - C. The class A operator of the facility.
 - D. Both the Class A and Class B operators of the facility
27. When planning to permanently close an UST system, the DEQ must be notified not less than the following days:
- A. 10 days
 - B. 15 days
 - C. 30 days
 - D. 60 days
28. Upon permanent removal of an UST system, the operator shall:
- A. Notify the DEQ when submitting the registration fees.
 - B. Notify the DEQ within 30 days with an amended registration form.
 - C. No notification to the DEQ required.

Sample UST Class A and Class B Certification Questions

29. The operator shall notify the DEQ of a confirmed release upon removal of an UST and visual evidence showing:
- A. The tank shows corrosion but no observable holes.
 - B. There is visibly contaminated groundwater in the tank cavity.
 - C. There is visibly contaminated soil in the tank cavity and/or soil removed from the tank cavity.
 - D. Either B or C.
30. Upon removal of an UST where there is no visual or olfactory evidence of a release, the operator shall:
- A. Determine that there has been no release from the UST.
 - B. Take soil samples, analyze them, and then send the site assessment results to the DEQ for a determination.
 - C. Take soil samples, analyze them, and then make a determination if there has been a release.

QUESTIONS FOR CLASS B UST OPERATOR CERTIFICATION ONLY

31. A leak should be suspected in a 1,560-gallon tank if the variation between the beginning and ending manual tank gauging liquid level measurements exceeds the weekly standard of X gallons. X is:
- A. 10 gallons
 - B. 13 gallons
 - C. 20 gallons
 - D. 26 gallons
32. The Class B operator should inspect the UST system for operational compliance status at a minimum:
- A. Every month
 - B. Every quarter
 - C. Every year
 - D. Every three years
33. Release detection records of sampling, testing, or monitoring shall be maintained for:
- A. 1 year
 - B. 2 years
 - C. 3 years
 - D. 5 years

Sample UST Class B Certification Questions

34. When a tank that has been installed for less than ten years is upgraded with cathodic protection, tightness test(s) are required as follows:
- A. Tightness test conducted before the installation of cathodic protection.
 - B. Tightness test conducted three to six months after the installation of cathodic protection.
 - C. Both A and B.
 - D. Neither A or B.
35. UST systems with impressed current cathodic protection systems must also be inspected at a minimum:
- A. Every week
 - B. Every 30 days
 - C. Every 60 days
 - D. Every 90 days
36. Product inventory control shall be conducted monthly to detect a release of not less than X% of flow-through plus 130 gallons on a monthly basis. X is:
- A. 1%
 - B. 2%
 - C. 0.5%
 - D. 100%
37. Automatic line leak detector may be used only if the method detects X gallons per hour at 10 pounds per square inch line pressure within one hour. X is:
- A. 1 gallon per hour
 - B. 3 gallons per hour
 - C. 5 gallons per hour
 - D. 10 gallons per hour

Sample UST Class B Certification Questions

38. Tank tightness testing, or another test of equivalent performance, shall be capable of detecting X gallon-per-hour leak rate from any portion of the tank while accounting for the effects of thermal expansion or the contraction of the product, vapor pockets, tank deformation, evaporation or condensation, and the location of the water table. X is:
- A. 0.3 gallons per hour
 - B. 0.2 gallons per hour
 - C. 0.1 gallons per hour
 - D. 0.008 gallons per hour
39. MUSTR requires that X soil borings be taken as close as practical to the bottom of the UST, but no more than 5 feet away from the tank, nor more than 2 feet below the tank. X is:
- A. 1 soil boring
 - B. 2 soil borings
 - C. 3 soil borings
 - D. 4 soil borings
40. The results of site assessments conducted per MUSTR R 29.2155 are required to be kept by the owner for not less than X years. X is:
- A. 1 year
 - B. 2 years
 - C. 3 years
 - D. 4 years
41. Which National Leak Prevention Association (NLPA) Standard on lining of USTs is adopted by reference in the MUSTR?
- A. 846
 - B. 650
 - C. 142
 - D. 631

Sample UST Class B Certification Questions

42. MUSTR requires what to happen with a UST before it is removed from the ground or closed in place?
- A. Is registered and all fees paid.
 - B. Is installed and leaks.
 - C. Leaks and is cleaned up.
 - D. Leaks and is repaired.
43. When using secondary containment with interstitial monitoring, the interstitial monitor must be checked at least once every:
- A. 7 days
 - B. 15 days
 - C. 30 days
 - D. 60 days
44. A manual tank gauge stick must be marked to the nearest:
- A. 1 cm
 - B. 1 inch
 - C. 1/8 inch
 - D. 1/2 inch
45. Records of tank and piping tightness testing should be maintained for:
- A. 1 year
 - B. 3 years
 - C. 5 years
 - D. 10 years

ANSWER KEY

Question No.	Answer	Reference
1.	C	MUSTR R 29.2108, Section 280.13(a)(1); and Section 280.13(c)
2.	A	Dollars & Sense, page 3
3.	D	MUSTR R 29.2109, Section 280.20(a), (b), and (d)(ii)
4.	B	MUSTR R 29.2108, Section 280.13(b)(5)
5.	B	MUSTR R 29.2113, Section 280.22(a)
6.	C	MUSTR R 29.2115, Section 280.31(b)(1)
7.	C	MUSTR R 29.2115, Section 280.31(c)
8.	C	MUSTR R 29.2117, Section 280.33(e)
9.	D	MUSTR R 29.2122, Section 280.41(b)(1)(i); and Section 280.41(b)(1)(ii)
10.	B	MUSTR R 29.2131, Section 280.52
11.	B	MUSTR R 29.2133, Section 280.53
12.	D	MUSTR R 29.2153, Section 280.71(b)
13.	B	Dollars and Sense, page 5
14.	C	Dollars and Sense, page 5
15.	A	MUSTR R 29.2163c, Section 280.97(a)
16.	B	MUSTR R 29.2125, Section 280.43(d)(1)(i)
17.	D	Straight Talk on Tanks, page 14
18.	A	MUSTR R 29.2125, Section 280.43(b)(5)
19.	B	Operating and Maintaining UST Systems, page 9
20.	B	MUSTR R 29.2126, Section 280.44(a)
21.	B	MUSTR R 29.2126, Section 280.44 (b)(1)
22.	A	MUSTR R 29.2133, Section 280.53(a)
23.	A	MUSTR R 29.2137, Section 280.61(a)
24.	C	MUSTR R 29.2108, Section 280.13(c)(3)
25.	C	MUSTR R 29.2108, Section 280.13(c)(1)

Sample UST Class B Certification Questions

Question No.	Answer	Reference
26.	C	MUSTR R 29.2108, Section 280.13(e)
27.	C	MUSTR R 29.2153, Section 280.71(a)
28.	B	MUSTR R 29.2153, Section 280.71(f)
29.	D	MUSTR R 29.2155, Section 280.72(b)
30.	B	MUSTR R 29.2155, Section 280.72(d)(2)
31.	D	MUSTR R 29.2125, Section 280.43(b)(4)
32.	B	MUSTR R 29.2108, Section 280.13(c)(1)
33.	B	MUSTR R 29.2127, Section 280.45(b)
34.	C	MUSTR R 29.2111, Section 280.21(b)(2)(i)(B)
35.	C	MUSTR R 29.2115, Section 280.31(c)
36.	A	MUSTR R 29.2125, Section 280.43(a)
37.	B	MUSTR R 29.2126, Section 280.44(a)
38.	C	MUSTR R 29.2125, Section 280.43(c)
39.	B	MUSTR R 29.2155, Section 280.72(d)(1)
40.	C	MUSTR R 29.2159, Section 280.74
41.	D	MUSTR R 29.2174, Rule 74(b)
42.	A	MUSTR R 29.2113, Section 280.22(a)
43.	C	Straight Talk on Tanks, page 6
44.	C	Straight Talk on Tanks page 20; MUSTR R 29.2125, Section 280.43(a)(2)
45.	C	MUSTR R 29.2127, Section 280.45(b)