

**A Candidate Guide for the  
Pennsylvania Storage Tank Installer and Inspector Certification Examinations**

ASC Smarter Assessment  
Assess.com

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## **I. Examination Overview**

All individuals testing for a Pennsylvania Tank Installer or Inspector Certification will be required to take both an Administrative Examination and at least one Technical Examination.

The Administrative Exam tests the knowledge of candidates on Pennsylvania's storage tank laws and regulations. This examination will be open-book. Therefore, you will be allowed to use Act 32, as amended, and Chapter 245 during the exam. These documents will be accessible via links while taking the exam. Paper copies of the documents will not be allowed. This is a timed exam and you will have one hour to complete it.

The Technical Exams cover information specific to the specialty areas of tank modifications/installations/removals and inspections. There are 12 different exams which cover the Pennsylvania certification categories. It may be necessary for a candidate to take more than one Technical Exam if they are applying for more than one certification category (see the section in this booklet on Examination Structure). These exams are *not* open-book exams; therefore, the use of notes and/or reference materials during the technical exams will be strictly prohibited.

The Administrative Exam consists of 30 questions, all multiple-choice. The Technical Exams consist of 60 multiple-choice questions.

You will receive a separate score for the Administrative Exam and for each Technical Exam. A score of 80 percent is required to pass any of the exams.

## II. Examination Questions

For each multiple-choice question, there are four possible answers. Only **one** of the possible choices is the correct answer. Questions vary in form and difficulty. The following descriptions of the major types of exam questions are included to guide you in preparing for the exams. Answers to example questions are found on the next page.

### Questions Types:

1. Some questions describe a procedure or give a definition, and ask you to decide whether the procedure or definition is correct. If the procedure or definition is **incorrect**, you will be asked to choose the answer that explains **why** it is incorrect.

#### Example:

*Secondary containment is commonly used to prevent leaking of fluids into the subgrade and into the groundwater below. This statement is:*

- a. correct.
- b. incorrect; cathodic protection is more commonly used.
- c. incorrect; emergency relief is more commonly used.
- d. incorrect; emission control is more commonly used.

2. Some questions ask you to fill in the blank with a choice that will make a statement **True or Correct**.

#### Example:

*According to manufacturer's instructions, a pre-installation air/soap test should be completed for a minimum of \_\_\_\_\_ minutes.*

- a. 15
- b. 30
- c. 45
- d. 60

3. Some questions ask you to choose one **True** or **Correct** statement out of four statements. Other questions ask you to choose the one statement out of the four statements that is **Not True** or **Not Correct**.

#### Example:

*All of the following are internal inspection techniques for determining tank bottom corrosion rates EXCEPT:*

- a. External ultrasonic measurement of the annular ring.
- b. Analyzing results of scheduled internal inspections.
- c. Obtaining material safety data sheet information.
- d. Analyzing historical field data.

### III. Taking the Examination

Read each question very carefully. Give special attention to key words such as **Not**, **Better**, **Most** and **Least**. There are no "trick questions" on the exam. Choose the one best answer for each question.

You will be taking the exam on a computer. You will have two cameras and a live proctor observing you during the exam.

You will be able to go back over the exam to change any answers or answer any questions that you skipped.

### IV. Examination Structure

The following table shows which exam or exams you will be taking depending upon the category or categories you have applied for.

An outline is provided for each of the examinations on the following pages. These outlines list in detail the areas to be tested and the references from which the questions are drawn. A composite list of examination references with complete titles and dates of publication follows the examination outlines.

| <b>Examination</b> | <b>Will cover category or categories</b> |
|--------------------|--|
| AC                 | ACVL                                     |
| AD                 | ADMIN                                    |
| AE                 | AMEX                                     |
| AF                 | AFMX                                     |
| AN                 | AMNX                                     |
| AR                 | AMR AFR                                  |
| AS                 | AMMX                                     |
| IA                 | IAF IAM                                  |
| IU                 | IUM                                      |
| TL                 | TL                                       |
| UR                 | UMR AMR                                  |
| UT                 | UTT                                      |
| UX                 | UMX, UMI                                 |

*Answers to Example Questions on the previous page are:*

| <u>Question</u> | <u>Answer</u> |
|-----------------|---------------|
| 1               | a             |
| 2               | b             |
| 3               | c             |

## **V. ABOVEGROUND STORAGE TANK EXAMINATIONS**

### **AC Examination Outline:**

- 1** Requirements of structural design and anchoring of large welded ASTs. (API 650 and API RP 12R1)
- 2** Foundations and ringwalls for large ASTs. (API 620, API 650 and API RP12R1, NFPA 30)
- 3** Requirements of site layout for construction of ASTs. (NFPA 30, The Pennsylvania Flammable and Combustible Liquids Regulations, and API RP12R)
- 4** Cathodic protection of ASTs. (API 651)
- 5** Recommended safety practices and proper entry of ASTs. (ANSI Z117, API 2015, API 2003 and API 2202)
- 6** Requirements for grading and sub bases in the construction of large ASTs. (API 650 and API RP12R1)
- 7** Requirements for repair, maintenance, and inspection of large welded ASTs. (API 653)
- 8** Recommended working practices. (OSHA standards)
- 9** Use and construction of vaults for ASTs. (Pennsylvania Flammable and Combustible Liquids Regulations)
- 10** Standard concrete construction practices. (API 650 and NACE SP 0187)

## **AE Examination Outline:**

- 1** Repair, alteration and inspection of ASTs. (API 620, API 12 R1, and API 653)
- 2** Recommended entry practices for ASTs. (API 2015, API 2016)
- 3** Product characteristics, harmful effects, and confined space entry in ASTs. (API 2003, API 2009, API 2015, NFPA 30, API 2202, and ANSI Z117)
- 4** Recommended work practices and electrical safety requirements in ASTs. (API 2003, API 2009, API 2015, API 2350, and NFPA 30)
- 5** Pumps and valves for ASTs. (API 650, PEI RP200, and NFPA 30)
- 6** Planning and accomplishment of new construction of ASTs. (API 620, API 650, and PEI RP200)
- 7** Venting of ASTs. (PEI RP200, NFPA 30, API 12 R1, and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 8** Cathodic protection of ASTs. (API 651)
- 9** Overfill requirement for ASTs. (API 2350, PEI RP200, and NFPA 30)
- 10** Requirements for tanks, piping and fittings for ASTs. (API RP12R1, NFPA 30, UL, and PEI RP 200)

## **AF Examination Outline:**

- 1** Alteration and repair of tank shells. (API 653)
- 2** Alteration and repair of tank bottoms, roofs, and the testing of repair integrity. (API 650, API 653, API 2015, API 2207, and API 620)
- 3** Electrical and hot work safety. (API 2003, API 2009, and API 2207)
- 4** Construction and testing of new tank shells. (API 650)
- 5** Construction of new tank bottoms, ringwalls, anchors and foundations. (API 650)
- 6** Low pressure tank construction. (API 650 and API 620)
- 7** Tank dismantling and reconstruction. (API 653 and API 2202)
- 8** Safety factors in the inerting (vapor freeing) and entering of tanks. (API 2015, API 2202, ANSI Z117, and NIOSH)
- 9** Fire safety. (NFPA 30 and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 10** Miscellaneous systems, appurtenances, and preparations for lining of ASTs. (API 651, API 652, and API 2350)

## **AN Examination Outline:**

- 1** General knowledge of non-metallic tanks. (API RP12P, Guidelines – Snyder Industries, and ASME RTP-1)
- 2** Product Safety in non-metallic tanks. (API 2016 and API 2015)
- 3** Non-metallic tank appurtenances. (API 2350, Guidelines – Snyder Industries, and ASME RTP-1)
- 4** Proper handling of non-metallic tanks. (API RP12P, Guidelines – Snyder Industries)  
Testing of non-metallic tanks. (API RP12P, API 653, Guidelines – Snyder Industries, and NFPA 30)
- 6** Foundations for non-metallic tanks. (API 650 and ASME RTP-1)
- 7** Personnel safety working with non-metallic tanks. (API 2015 and NIOSH)
- 8** Linings and containment for non-metallic tanks. (API 652, NFPA 30, and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 9** Fire safety concerns with non-metallic tanks. (NFPA 30 and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 10** Inspection of non-metallic tanks. (API RP12P and ASME RTP-1)



## **AR Examination Outline:**

- 1** Characteristics of the products stored in ASTs as this relates to the entry and cleaning during removal. (API 2015)
- 2** Procedures involved in entry and cleaning of ASTs during removal. (API 2015)
- 3** Inspection, repair, and alteration of ASTs as this relates to removal activities. (API 653)
- 4** Product safety. (API 2003, NFPA 30, NFPA 329, and Pennsylvania Flammable and Combustible Liquids Regulations)
- 5** Recommended safety practices during the removal of ASTs. (API 2003, API 2009, ANSI Z117.1, and NFPA 30)
- 6** Effects of past product storage on the dismantling and disposal of ASTs. (API 2015 and API 2202)
- 7** Appropriate procedures in handling, dismantling and disposal of ASTs. (API 2202, API 1604, and NFPA 326)
- 8** Recommended safety practices when working in confined spaces. (NIOSH, API 1604, and API 2015)
- 9** Preparation of bottoms for hot work. (API 2207)
- 10** Practices recommended for safe cutting. (API 2009)

## **AS Examination Outline:**

- 1** Site planning for installation of shop built ASTs. (PEI RP-200, NFPA 30, Pennsylvania Flammable and Combustible Liquids Regulations)
- 2** Foundations and anchors for shop built ASTs. (PEI RP-200, API 650, Pennsylvania Flammable and Combustible Liquids Regulations)
- 3** Product handling safety in shop built ASTs. (PEI RP-200, NFPA 30, API 2015 and API 650)
- 4** Record keeping, inspections, and special types of shop built ASTs. (PEI RP-200)
- 5** Environmental and safety issues related to the installation and use of shop built ASTs. (PEI RP-200, API 2015, NFPA 30, OSHA, and Pennsylvania Flammable and Combustible Liquids Regulations)
- 6** Use of dikes and vaults in connection with the installation of shop built ASTs. (PEI RP-200 and NFPA 30)
- 7** Pumps, valves, and pipes associated with the installation of shop built ASTs. (PEI RP-200 and NFPA 30)
- 8** Fill pipes, gauges, and vents associated with the installation of shop built ASTs. (PEI RP-200, API 12 R1 NFPA 30, and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 9** Corrosion prevention and cathodic protection in shop built ASTs. (PEI RP-200 and API 651)
- 10** Recommended entry practices for shop built ASTs. (API 2015)

## **IA Examination Outline:**

- 1** Inspection of ASTs in terms of general suitability for service. (API 653 and API 12-R1)
- 2** Inspection of ASTs in reference to reconstruction and dismantling for reconstruction. (API 653)
- 3** Inspection of welds in ASTs. (API 653 and API 650)
- 4** Record keeping in relation to the inspection of ASTs. (API 653)
- 5** Construction of ASTs. (API 620 and API 650)
- 6** Corrosion protection, tank foundations, and undertank leak detection in ASTs. (API 650, API 651, and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 7** Safety issues and requirements relevant to the inspection of ASTs. (NFPA 30, NFPA 70, and the Pennsylvania Flammable and Combustible Liquids Regulations)
- 8** Alternate construction of ASTs. (API RP12D, API 12 R1, API RP12P, and UL-142)
- 9** Safety concerns during the inspection of ASTs. (API 2003, API 2009, API 2350, and API 2207)
- 10** Coating and surface preparation in ASTs. (API 652, SSPC)

## **TL Examination Outline:**

- 1** General principles and procedures for the lining of ASTs. (API 652)
- 2** Characteristics of linings for ASTs. (API 652)
- 3** Problems and preparation procedures associated with the lining of ASTs (API 652)
- 4** General principles and procedures for the lining of USTs. (API 1631 and Guidance 263-3120-001)
- 5** Safety concerns arising from the work environment. (API 2015 and API 2202).
- 6** Safety concerns arising from the characteristics of the products stored in the tanks to be lined. (API 2015, API 2202, and NFPA 30)
- 7** Safety practices relevant to the lining of tanks. (API 2015, SSPC, and NFPA 326)
- 8** Confined spaces and recommended practices for entry. (API 2015, ANSI Z117, API 2009, and NIOSH)
- 9** Surface preparation required prior to the lining of storage tanks. (SSPC)
- 10** Miscellaneous aspects of storage tanks, in general, which are relevant to the activity of lining storage tanks. (API 651 and API 652)

## **VI. UNDERGROUND STORAGE TANK EXAMINATIONS**

### **UR Examination Outline:**

- 1** General principles and regulatory requirements related to UST closure/removal. (PA Code and Tank Closure)
- 2** Regulatory requirements related to suspected releases and the temporary closure. (PA Code)
- 3** Purging of USTs. (API 1604 and "Tank Closure Without Tears")
- 4** Inerting of USTs. (API 1604 and "Tank Closure Without Tears")
- 5** General procedures for the closure or removal of USTs. (API 1604, and "Tank Closure Without Tears")
- 6** General procedures for the proper handling of USTs following closure or removal. (API 1604, and "Tank Closure Without Tears")
- 7** Health and safety issues involved with working in or around the tank during closure or removal of USTs. (API 2015, API 1604 and NFPA 326)
- 8** Health and safety issues related to the products previously stored in USTs being closed or removed. (API 2015, API 1604, NFPA 326)
- 9** Tank layout and components as they pertain to closure and/or removal of USTs. (PEI RP100 and API 1615)
- 10** Relevant guidance for the removal of USTs. (NFPA 30 and the Pennsylvania Flammable and Combustible Liquids Regulations)

## **UT Examination Outline:**

- 1** General principles involved in tank tightness testing. (EPA 530 and PEI RP100)
- 2** Effects of product characteristics on the procedures involved in tank tightness testing. (EPA 530 and NFPA 32)
- 3** Effects of structural characteristics of tanks on the principles and procedures involved in tank tightness testing. (EPA 530, PEI RP100, API 1615, and Containment Solutions)
- 4** Effects of piping and other appurtenances on the principles and procedures involved in tank tightness testing. (EPA 530 and NFPA 329)
- 5** Data collection concerns and special problem effects involved in tank tightness testing. (EPA 530)
- 6** Pre-installation tank tightness testing. (PEI RP100, Containment Solutions, and manufacturer's recommendations)
- 7** Regulations pertinent to tank tightness testing. (PA Code and EPA 530)
- 8** Tank layout as it influences tank tightness testing. (PEI RP100 and API 1615)
- 9** Piping layout as it influences tank tightness testing. (PEI RP100, API 1615, and PA Code)
- 10** Piping tightness testing. (API 1615, PEI RP100, NFPA 329 and EPA 530)

## **UX Examination Outline:**

- 1** Practices and procedures involved in the anchoring of USTs. (PEI RP 100, API 1615, and Containment Solutions)
- 2** Practices and procedures involved in the testing of USTs. (PEI RP 100, API 1615, PA Code, EPA 530, and Containment Solutions)
- 3** Practices and procedures for the installation of piping associated with USTs. (PEI RP 100, EPA 530, and API 1615)
- 4** Excavating and backfilling associated with the installation of USTs. (PEI RP 100 and API 1615)
- 5** Components and appurtenances associate with the installation of USTs. (PEI RP 100, API 1604, and API 1615)
- 6** Tank characteristics and handling requirements during installation of USTs. (PEI RP 100, API 1615, and Containment Solutions)
- 7** Requirements for installation of piping associated with the installation of USTs. (PEI RP 100 and API 1615)
- 8** Cathodic protection of USTs. (API 1632 and PEI RP100)
- 9** Regulations and requirements for the installation of USTs. (PA Code and EPA 530)
- 10** Safe practices and requirements in the installation of USTs. (NFPA 30 and the Pennsylvania Flammable and Combustible Liquids Regulations)

## **IU Examination Outline:**

- 1** Regulatory requirements related to leak detection equipment and methods for USTs. (PA Code and EPA 530)
- 2** Regulatory requirements related to line tightness, piping, spill and overflow protection in USTs. (PA Code, EPA 530, and NFPA 329)
- 3** Regulatory requirements related to tank tightness testing, activities and methods for USTs. (PA Code, EPA 530, and NFPA 329)
- 4** Regulatory requirements related to special concerns such as record keeping and secondary containment for USTs. (PA Code and EPA 530)
- 5** Special installation requirements such as venting, vapor recovery, observations, and spill containment. (PEI RP-100 and API 1615)
- 6** Installation requirements for layout and anchoring of USTs. (PEI RP-100 and API 1615)
- 7** Special installation concerns for non-metallic tanks. (PEI RP-100, API 1615, and Containment Solutions)
- 8** Corrosion prevention and cathodic protection systems and requirements. (PA Code, NACE RP-0285, PEI RP-100, and API 1615)
- 9** Regulations and requirements for tank closure and temporary closure. (PA Code and API 1604)
- 10** Fire code regulations, requirements for UST systems. (NFPA 30, Pennsylvania Flammable and Combustible Liquids Regulations)



## VII. Reference List

1. Act 32 of 1989, as amended, The Storage Tank and Spill Prevention Act
2. ANSI Z117.1-2016, 2016. American National Standard Safety Requirements for Confined Spaces.
3. API Publication 2009, Seventh Edition, February 2002. Safe Welding, Cutting, Hot Work Practices in the Petroleum and Petrochemical Industries.
4. API Publication 2015, Eighth Edition, January 2018. Requirement for Safe Entry and Cleaning of Petroleum Storage Tanks.
5. API Publication 2202, Third Edition, January 1991. Dismantling and Disposing of Steel From Aboveground Leaded Gasoline Storage Tanks.
6. API Publication 2207, Seventh Edition, June 2017. Preparing Tank Bottoms for Hot Work.
7. API Recommended Practice 12R1 (RP 12R1), Fifth Edition, October 1, 1997. Recommended Practice for Setting, Maintenance, Inspection, Operation and Repair of Tanks in Production Service.
8. API Recommended Practice 1604, Third Edition, March 1996, Reaffirmed 2010. Closure of Underground Petroleum Storage Tanks.
9. API Recommended Practice 1615, Sixth Edition, April 2011. Installation of Underground Petroleum Storage Systems.
10. API Recommended Practice 1631, Fifth Edition, June 2001. Interior Lining and Periodic Inspection of Underground Storage Tanks.
11. API Recommended Practice 1632, Third Edition, May 1996, Reaffirmed 2002. Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems.
12. API Recommended Practice 2003, Eighth Edition, September 2015. Protection Against Ignitions Arising Out Of Static, Lightning, and Stray Currents.
13. API Recommended Practice 2350, Fourth Edition, May 2012. Overfill Protection for Petroleum Storage Tanks.

14. API Recommended Practice 651, Fourth Edition, December 2014. Cathodic Protection of Aboveground Petroleum Storage Tanks.
15. API Recommended Practice 652, Fourth Edition, September 2014. Lining of Aboveground Petroleum Storage Tank Bottoms.
16. API Specification 12D (Spec 12D), Twelfth Edition, June 2017. Specification for Field Welded Tank for Storage of Production Liquids.
17. API Specification 12P (Spec 12P), Fourth Edition, February 2016. Specification for Fiberglass Reinforced Plastic Tanks.
18. API Standard 620, Twelfth Edition, October 2013. Design and Construction of Large, Welded, Low-Pressure Storage Tanks.
19. API Standard 650, Twelfth Edition, March 2013 with Addendums. Welded Steel Tanks for Oil Storage.
20. API Standard 653, Fifth Edition, November 2014. Tank Inspection, Repair, Alteration, and Reconstruction.
21. ASME RTP-1-2017 with Addendums 1a-1e, Appendix NM-8, NM-9.
22. 25 Pa. Code Chapter 245, Administration of the Storage Tank and Spill Prevention Program.
23. Commonwealth of PA Flammable & Combustible Liquids Regulations. Title 34, Chapters 14 and 14a, and Title 37, Chapter 14.
24. EPA/530/UST-89/012, November 1989. Detecting Leaks: Successful Methods Step-by-Step.
25. EPA/530/UST-90-012, August 1990. Straight Talk on Tanks: A summary of Leak Detection Methods for Petroleum Underground Storage Tank Systems.
26. EPA/625/9-89/009, April 1989. Volumetric Tank Testing: An Overview.
27. Containment Solutions, May 2015. Storage Tank Installation Instructions & Operating Guidelines.
28. Snyder Industries, Inc. Guidelines for Use and Installation, Rev B October 13 2016.
29. NACE Standard SP 0285-2011. Standard Recommended Practice, Corrosion Control of Underground Storage Tank Systems by Cathodic Protection.
30. NACE Standard SP 187-2011 2017 (Item No. 21034). Standard Recommended Practice, Design Considerations for Corrosion Control of Reinforcing Steel in Concrete.

31. NFPA 30, 2018 Edition (August 18, 2000). Flammable and Combustible Liquids Code.
32. NFPA 30A, 2018 Edition. Code for Motor Fuel Dispensing and Repair Garages.
33. NFPA 70, 2017 Edition. National Electric Code.
34. NFPA 326, 2015 Edition. Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair.
35. NFPA 329, 2015 Edition. Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases.
36. NIOSH Publication No. 87-113, July 1987. A Guide to Safety in Confined Spaces.
37. PA DEP Technical Guidance 257-3120-001
38. PEI/RP 100-2017. Recommended Practices for Installation of Underground Liquid Storage Systems.
39. PEI/RP 200-2013. Recommended Practices for Installation of Aboveground Storage Systems for Motor Vehicle Fueling.
40. PEI/RP 900-08. Recommended Practices for the Inspection and Maintenance of UST Systems.
41. PEI/RP1200-2012. Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities.
42. SSPC, Good Painting Practice (5<sup>th</sup> Ed, 2016). SSPC, Systems and Specifications (2012).
43. Tank Closures Without Tears: An Inspector's Safety Guide. May 1988 (reprinted May 1991) New England Interstate Water Pollution Control Commission, 85 Merrimac St., Boston, MA 02114. May 1991.
44. UL 142, Ninth Edition (2006). Steel Aboveground Tanks for Flammable and Combustible Liquids.
45. 29 CFR 1910 (2013). OSHA Safety and Health Standards.

## VIII. Abbreviation List

### List of abbreviations that may be found on the exams:

|        |   |
|--------|---|
| AMPP   | Association for Materials Protection and Performance      |
| ANSI   | American National Standards Institute                     |
| API    | American Petroleum Institute                              |
| ASME   | American Society of Mechanical Engineers                  |
| ASNT   | American Society for Nondestructive Testing               |
| AST    | Aboveground Storage Tank                                  |
| ASTM   | American Society of Testing and Materials                 |
| AWS    | American Welding Society                                  |
| AWA    | American Welding Association                              |
| cm/sec | centimeters per second                                    |
| DEP    | Department of Environmental Protection                    |
| EPA    | Environmental Protection Agency                           |
| FRP    | Fiberglass Reinforced Plastic                             |
| gal/hr | gallons per hour  |
| mil    | 1/1000 inch or .0254 millimeter                           |
| NACE   | National Association of Corrosion Engineers               |
| NEIWPC | New England Interstate Water Pollution Control Commission |
| NFPA   | National Fire Protection Association                      |
| NIOSH  | National Institute for Occupational Safety and Health     |
| OSHA   | Occupational Health and Safety Administration             |
| PEI    | Petroleum Equipment Institute                             |
| SCFH   | standard cubic feet of air per hour                       |
| SSPC   | Steel Structures Painting Council                         |
| STI    | Steel Tank Institute                                      |
| UL     | Underwriters Laboratory                                   |
| UST    | Underground Storage Tank                                  |

## **IX. Source List for Publications**

American National Standards Institute (ANSI)

[www.ansi.org](http://www.ansi.org)

American Petroleum Institute (API)

[www.api.org](http://www.api.org)

American Society of Mechanical Engineers International

[www.asme.org](http://www.asme.org)

American Society for Nondestructive Testing

[www.asnt.org](http://www.asnt.org)

American Society for Testing and Materials International

[www.astm.org](http://www.astm.org)

American Welding Society

[www.aws.org](http://www.aws.org)

Association for Materials Protection and Performance (AMPP)  
[formerly NACE and SSPC]

[www.ampp.org](http://www.ampp.org)

Environmental Protection Agency (EPA)

[www.gpo.gov](http://www.gpo.gov)

Containment Solutions, Inc.

[www.containmentsolutions.com](http://www.containmentsolutions.com)

National Fire Protection Association (NFPA)

[www.nfpa.org](http://www.nfpa.org)

National Institute for Occupational Safety and Health (NIOSH)

[www.cdc.gov/niosh](http://www.cdc.gov/niosh)

New England Interstate Water Pollution Control Commission

[www.neiwpcc.org](http://www.neiwpcc.org)

Occupational Safety and Health Administration (OSHA)

[www.gpo.gov](http://www.gpo.gov)

PA Department of Environmental Protection (DEP)

[www.dep.pa.gov](http://www.dep.pa.gov) (Search "Storage Tanks")

PA Department of Labor and Industry  
Occupational and Industrial Safety Division  
Flammable and Combustible Liquids  
[www.dli.pa.gov](http://www.dli.pa.gov)

Petroleum Equipment Institute (PEI)  
[www.pei.org](http://www.pei.org)

Snyder Industries, Inc.  
[www.snydernet.com](http://www.snydernet.com)

Steel Tank Institute/Steel Plate Fabricators Association (STI/SPFA)  
[www.steeltank.com](http://www.steeltank.com)

Underwriters Laboratories Inc. (UL Solutions)  
[www.ul.com](http://www.ul.com)

## **X. The Scheduling Process**

You must be approved by DEP in advance of the test. The Storage Tank Installer and Inspector Certification Application must be submitted to the Department at least 60 days prior to when you would like to take the exam.

Once you are approved for an exam, you will receive an email from DEP affirming which exams you are approved for. You will receive a separate email from Assess.com with instructions for paying for and accessing the exams. Exams can be taken any day and time, with the exception of some holidays.

## **XI. The Administrative Examination**

The Administrative Exam is based on the following specific reference documents:

- \* Pennsylvania [Storage Tank and Spill Prevention Act](#) (Act 32 of 1989, as amended.).
- \* [Title 25, Pennsylvania Code, Chapter 245 Administration of the Storage Tank and Spill Prevention Program](#): Subchapter A. General Provisions; Subchapter B. Certification Program for Installers and Inspectors of Storage Tanks and Storage Tank Facilities; and Subchapter D. Corrective Action Process for Owners and Operators of Storage Tanks and Storage Tank Facilities and Other Responsible Parties.