



## LACP Class Syllabus

Lateral Assessment and Certification Program® (LACP®) Version 7.0.3

### Pre-requisites

All LACP students must pass the PACP portion of the class before moving forward towards LACP certification.

### Required Texts

Pipeline Assessment & Certification Manual- provided by NASSCO through a certified trainer. Updates to the manual can be found by logging in to [www.nassco.org](http://www.nassco.org)

### Suggested Reference

Sewerage Rehabilitation Manual- WRc. Available for purchase at [www.nassco.org](http://www.nassco.org)

Manual of Sewer Condition Classifications- WRc. Available for purchase at [www.nassco.org](http://www.nassco.org)

### Course Goals

LACP - The goal of the LACP is to provide the student, who is familiar with PACP as a certified User, with a complete understanding of how the PACP codes have been adapted to provide critical data on the conditions found in laterals. The course presents many opportunities for the student to ask questions about the new codes specifically required for proper use of the LACP.

### Course Activities

Presentation of Modules

Course Review

Multiple Choice/Open Book Test

### Course Schedule

1. Introduction and Overview of Lateral Sewer Assessment, *estimated time 30 minutes*
  - A. Lateral Assessment Certification Program (LACP)
  - B. Lateral Configurations
  - C. Examples of Lateral Inspections
  - D. General Approach to CCTV Inspection Using the LACP
  - E. General Rules for Coding Observations/Defects
  
2. Lateral Inspection Form Header Section, *estimated time 1 hour*
  - A. LACP Header Section
  - B. LACP Header Fields

NASSCO, Inc.  
2470 Longstone Lane  
Suite M  
Marriottsville, MD 21104  
410.442.7473

3. LACP Inspection Form Details Section, *estimated time 1 hour*
  - A. Continuous Defect Coding
  - B. Structural Defects
  - C. Operation and Maintenance Features
  - D. Construction Features
    - i. Access Points (A)
    - ii. Fittings (F)
4. Course Review, *estimated time 30 minutes*
5. Multiple Choice Test, *estimated time 30 minutes*

### **Comments**

- Lateral Configurations - The examples in LACP of various lateral configurations must be covered in detail and must include a detailed description of LACP surveys that may start at the main or the clean-out or from the manhole. It is important for the Trainer to ensure that the student understands the coding system for each variation.
- The Trainer should focus on the examples of LACP survey from the three main starting points i.e. from the manhole, from the main and from the clean out. The access points of the surveys are critical and must be reviewed until the Trainer is confident of class understanding.
- General Approach to TV Inspection using LACP - The conditions found in laterals such as debris, obstructions and bellies can reduce the effectiveness of a LACP survey. Particular attention must be given to cleaning, appropriate lighting, centering of the camera lens and the rate of travel is extremely critical.
- The Lateral Segment Reference (LSR) - The LSR can be confusing to students. Instructors should explain the importance of making LSR's unique.
- Lateral Inspection Form Details Section - The Trainer should reinforce the relevance of the PACP codes in lateral surveys, and take time to explain additional Construction Features Group codes specific to lateral inspection, including access points and fittings.

### **Grading**

Each student will be expected to get at least 85% of the questions asked correct in order to become certified. If the target is not met, every effort will be made to help the student grasp the information and retake the test.

Total Course Time: 3.5 hours