

TECH TIPS

FROM NASSCO

TECH TIPS BY NASSCO IS A BI-MONTHLY ARTICLE ON TRENDS, BEST PRACTICES AND INDUSTRY ADVICE FROM NASSCO'S TRENCHLESS TECHNOLOGY MEMBERSHIP PROFESSIONALS.

NASSCO SPECIFICATION GUIDELINES

By Jerry Weimer, NASSCO Technical Advisory Council Member



NASSCO's mission is to set standards for the assessment, maintenance and rehabilitation of underground infrastructure and to assure the continued acceptance and growth of trenchless technologies. This mission is accomplished through education, advocacy and industry resources. One of the most valuable resources for tips to do work right are NASSCO's Specification Guidelines.

Available to the public at nassco.org, NASSCO's Specification Guidelines help us all do our work with integrity while following best practices. These Guidelines are educational and general in nature, and are not biased towards any company or product, but rather written purely to help sewer professionals succeed. With more in the works through the hard work of NASSCO Committees, currently published NASSCO Specification Guidelines include:

1. **Cross Bore Specification Guideline:** Developed to help municipalities set up a good Cross Bore Detection and Prevention Program, this Guideline includes recommendations on what steps need to be taken to keep our workers, sewers and communities safe from cross bores.
2. **Guideline for The Safe Use and Handling of Styrene Based Resins in Cured-In-Place Pipe (CIPP):** Originally published in 2008 and updated in 2017, this Guideline is being updated again as a result of the Trenchless Technology Center at Louisiana Tech (TTC) field study on CIPP Emissions. The goal is to provide a safe working environment for CIPP workers and to also ensure safety for the public.
3. **Cured-In-Place Pipe Guideline Specification:** The CIPP Guideline provides instructions on how to prepare a technical specification for a CIPP project. It covers both inversion and pull-in installation methods and hot water, steam and light curing methods. It is currently undergoing a general update that will include more information on light cure technologies.
4. **Cured-In-Place-Pipe (CIPP) Lateral Seals Guideline Specification:** The Lateral Guideline provides specification details for rehabilitating house service laterals with CIPP either from a cleanout or pit or from the main sewer. The Guideline covers all installation techniques, including inversion and pull-in.
5. **Smoke Testing Data Dictionary:** Smoke Testing Guidelines are currently being updated to include the latest information about smoke testing and best practices to use for the safety of the workers and residents.
6. **Pressure Testing and Grouting of Sewer Joints, Laterals and Lateral Connections Guideline Specification:** This Guideline is intended to assist in the proper bidding and execution of a grouting contract for sewer joints, laterals and connections. The Guideline explains the equipment, products and procedures used in the grouting operation.
7. **Manhole Rehabilitation Guideline Specification:** The Manhole Rehabilitation Specification was written to assist municipalities and engineers in writing specifications for a manhole rehabilitation project. It goes into the different methods of rehabilitation and the different uses of each. It also covers the testing and verification of the various products and methods.
8. **Folded Pipe Guideline Specification:** This Guideline is designed to help communities that specify the fold and form type of liner. It talks about the products, strengths and properties as well as the proper installation finishing and inspection of the product.
9. **Pipe Bursting Gravity Sewer Mains with HDPE:** This supplemental sewer main specification is intended to address the installation of high-density polyethylene pipe for sewer main using pipe bursting methods and technology for sanitary sewer lines. It includes the scope, materials, qualifications and submittals suggested for a pipe bursting project.
10. **Pressure Pipe Guideline Matrix for Selection of Pressure Pipe Assessment Technologies:** This Guideline is written to assist engineers and municipalities in choosing the best testing procedures to use in various types of pressure pipe.
11. **Sewer Pipe Cleaning Guideline Specification:** This Guideline is written to help engineers and municipalities looking to issue a small diameter (pipes 30" or smaller) cleaning project. The Guideline spells out all steps needed as well as suggested bidding and billing categories. This Guideline was written with the goal of reducing or eliminating change orders.
12. **Pipe Condition Assessment Using CCTV Guideline Specification:** This Guideline assists the municipality or engineer that wishes to issue a CCTV project. The Guideline details the steps needed and wording required to produce a good project and was written with the goal of reducing or eliminating change orders.

To download and share the above NASSCO Specification Guidelines please visit <https://www.nassco.org/resources/guideline-specs>.