ASTM Standards Referenced in this Handbook

- ASTM C425 Standard Specification for Compression Joints for Vitrified Clay Pipe and Fittings
- ASTM C700 Standard Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated
- ASTM C828 Standard Test Method for Low-Pressure Air Test of Vitrified Clay Pipe Lines
- ASTM C1208 Standard Specification for Vitrified Clay Pipe and Joints for Use in Microtunneling, Sliplining, Pipe Bursting, and Tunnels
- ASTM C1920 Standard Practice for Cleaning of Vitrified Clay Sanitary Sewer Pipelines

Our Member Companies

For specific questions about your project, please contact your pipe supplier.



mission clay products LLC missionclay.com 951-277-4600



800-776-1133





buildingproductscompany.com 602-269-8314



no-dig-pipe.com 740-385-2184

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Educational Opportunities

NCPI offers the tools and training to ensure successful design, installation and long-term performance of vitrified clay pipe as part of your sanitary sewer system. Properly designed, installed and maintained, VCP lines will serve the community for hundreds of years.



National Clay Pipe Institute's YouTube Channel

Available videos range from the manufacture of VCP to installation, and from various cleaning methods, and inspections to a recent tradeshow. Visit us at: youtube.com/c/NationalClayPipeInst



Educational Workshops (in-person or virtual)

NCPI offers a variety of workshops at no charge to engineers, designers, contractors, installers, inspectors, operations and maintenance personnel. We want to ensure your long-term success using VCP. Some of our popular workshop modules include:

- Manufacturing and Testing
- Gravity Sanitary Sewer Pipe Material Comparison
- Operations, Maintenance and Field Training
- Trenchless Technologies

Workshops qualify for PDH credits.

For more information, or to schedule your free workshop, contact one of our member-companies, the NCPI office at 262-742-2904, or email us at info@ncpi.org.

Popular NCPI Publications

All NCPI publications are available from our member companies or as a free download on ncpi.org.



Low-Pressure Air Test Handbook

The Low-Pressure Air Test is the preferred method of testing pipe joints and sewer line installation. This test is used for line acceptance or leak location. The Handbook includes charts for time specifications for pressure drops based on pipe diameter and length of run tested.



VCP Engineering Manual

A design and installation guide for VCP applications.



VCP Installation & Inspection Handbook

A compact, but thorough guide designed to be used at the jobsite.



VCP Operations & Maintenance Handbook

A comprehensive guide to cleaning and maintaining VCP sewer lines.