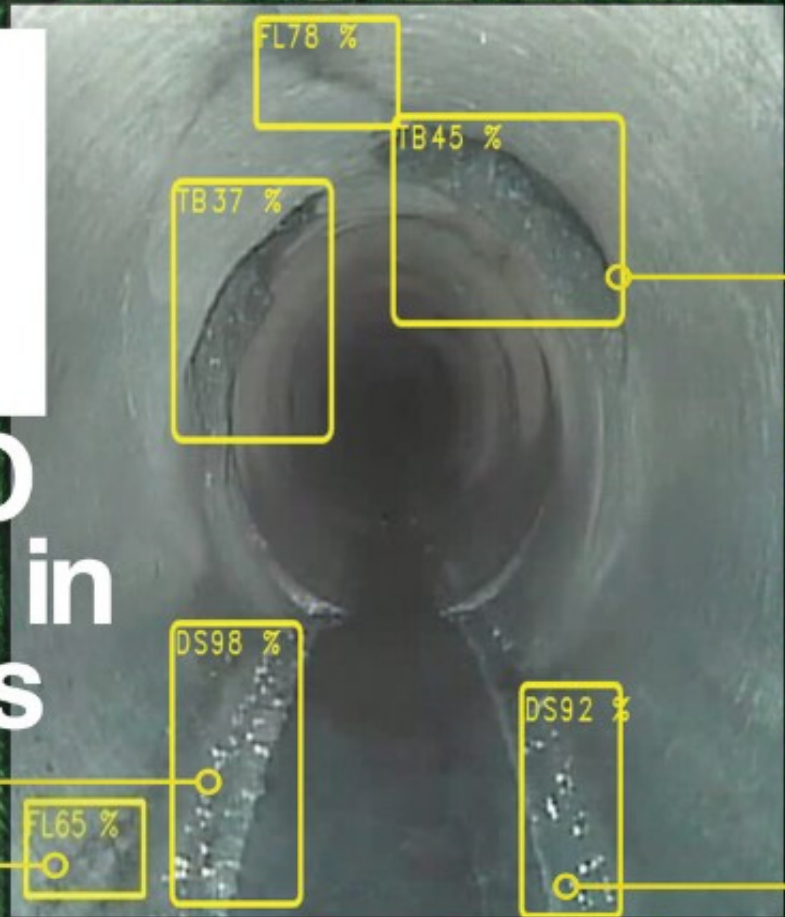


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NASSCO Announces Two New Grouting Specifications

- Pipeline Packer Injection Pre-Rehabilitation Grouting V2.10
- Pipeline Packer Injection Capital Grouting

By NASSCO ICGC Chair John Manijak



John Manijak

After years of hard work from its Infiltration Control Grouting Committee (ICGC), NASSCO has published two new grouting specifications: Pipeline Packer Injection Pre-Rehabilitation Grouting V2.10 and Pipeline Packer Injection Capital Grouting.

First published in 2014, the Suggested Standard Specifications for Pressure Testing and Grouting of Sewer Joint, Laterals and Lateral Connections quickly became the choice grouting

document for engineers and municipalities. Updated for 2021, that document has been enhanced and renamed Pipeline Packer Injection Pre-Rehabilitation Grouting. Available for contractors, engineers, and system owners to download for free at nassco.org/resources/nassco-specification-guidelines, Pipeline Packer Injection Pre-Rehabilitation Grouting addresses the needs to eliminate infiltration prior to installing other rehabilitation methods and the ability of chemical grouting to act as a complementary technology after installed.

The second specification, Pipeline Packer Injection Capital Grouting, was developed by ICGC to address long term grouting means and methods that provide pipe stabilization by creating a pipe cradle-like stability in the bedding and a volumetrically significant, long-term, water seal outside the pipe. This will eliminate all groundwater and rainfall induced infiltration entering a defect or leaking joint. Installed per these new industry standards, it has an anticipated service life of 25 years or more.

Traditional grouting practices focused on placing a minimum amount of grout in the pipe gasket space and immediately outside the defect. This historically produced the desired decrease in infiltration but did not achieve pipe stabilization and generally resulted in a shorter service life. NASSCO's ICGC has spent several years developing the new specifications for Capital Grouting while still

recognizing the need to quickly eliminate infiltration when installing other rehabilitation technologies. This resulted in the offering of two separate specifications, one for Pre-Rehabilitation Grouting and a second for Capital Grouting. ICGC has also been busy working toward the release of a whitepaper detailing the research and proven technology behind the capital grouting methods that achieve the pipe stabilization and long-term seals described in the new specification.

In addition to online access, NASSCO is encouraging engineers and municipalities to download and print the 2021 specifications for use in their upcoming projects



Pipeline Packer Pre-Rehabilitation Grouting Specifications and Pipeline Packer Capital Grouting Specifications are available on the NASSCO web site where you may also learn more about grouting by viewing ICGC's recently-released video titled "Grouting Technology".