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PIPELINE ASSESSMENT EXPANDS TO INCLUDE MANHOLE AND LATERAL ASSESSMENT

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ABSTRACT: This paper speaks to the development of the next phases of the Pipeline Assessment and Certification Program (PACP) and presents an overview of the new coding used in manholes and laterals. Photos and typical coding of pipe, manhole and lateral defects will be shown.

Based on the widespread acceptance and success of the PACP and a high level of interest by many cities and engineering firms NASSCO has introduced the Manhole Assessment and Certification Program (MACP) along with the Lateral Assessment and Certification Program (LACP).

The MACP is predicated on the PACP defect codes where appropriate, and adds a number of manhole component defects that are unique to manhole structures. A fracture in a manhole is coded the same way a fracture in a pipe is coded and missing brick is still missing brick. However because of the many components of a manhole and the varied defects unique to them an additional group of codes is added to the MACP to enable an inspector to code the defects and observations encountered in manholes.

The Manhole Assessment and the Lateral Assessment Programs will provide the PACP Users the opportunity to expand their capabilities to provide standardized condition assessments. By collecting information on manholes and laterals in a consistent and standard way, the utility industry will be able to make better decisions on renovation and create a more structured process for quantifying deterioration rates of manholes and service lines.



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