

Prioritization of External Corrosion on Piping Within Metallic Casings using In-Line Inspection Data

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ABSTRACT

This NACE International standard provides the most current technology and industry practices for prioritization of cased piping using In-Line Inspection (ILI) data.

Metallic casings are used to install and protect the carrier pipe at pipeline crossings such as those at road and railroad rights of way. This standard provides an overview of prioritization strategies for management of external corrosion of piping in metallic cased crossings using ILI data integrated with construction, operating, maintenance and inspection information.

KEYWORDS

ILI, casings, external corrosion management

Foreword

This NACE International standard provides the most current technology and industry practices for prioritization of cased piping using In-Line Inspection (ILI) data.

This standard is intended for use by corrosion control personnel, design engineers, project managers, purchasers, and construction engineers, and managers. It is applicable to underground steel pipelines in the oil and gas gathering, distribution, and transmission industries.

This standard was prepared in 2020 by NACE Task Group (TG) 567, "Mitigation and Prioritization Strategies for Casings." The Task Group is administered by Specific Technology Group (STG) 35, "Pipelines, Tanks, and Well Casings." This standard is published under the auspices of Standards Committee (SC) 15, "Pipelines and Tanks."

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Prioritization of External Corrosion on Piping Within Metallic Casings using In-Line Inspection Data

1.	General	4
2.	Definitions	4
3.	ILI Performance in Cased Crossings	5
4.	Integrating Casing Isolation Status and ILI Data.....	5
5.	Estimating External Corrosion Growth Rates in Cased Crossings	5
6.	Casing Action Plan Development	6
7.	Monitoring	7
8.	Conclusions.....	7
	References.....	7
	Appendix A: Cased Crossing Prioritization Data Elements (Nonmandatory).....	8
	Appendix B: Casing Action Plan (Example) (Nonmandatory).....	12