Laszlo Forgo



SP0169, Control of External Corrosion on Underground or Submerged Metallic Piping Systems

- First issued in 1969
- It was the very first standard published by NACE
- It is the flagship of all CP standards, because of Section 6 CP Criteria

MAMPP

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- Assemble the "army"
- Keeping balance between owners and consultants
- What is a good size of a standard writing/revising team?
- As a document project manager (DPM) I need a team that willing to work (some work team members were let go)
- Late Norm Moriber warning: "You have to deal with primadonnas"



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SP0169, Control of External Corrosion on Underground or Submerged Metallic Piping Systems

- CP standard or corrosion standard?
- Asked 12 coating experts
- · But it is a corrosion standard
- Assemble a coating team
- Standard writing/upgrade is based on consensus between the team members
- · Many questions were decided by voting



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Main Sections of the document:

Foreword, Scope, Rationale

- 1 General
- 2 Definitions (84), Abbreviations, and Acronyms (43)
- 3 Determination of Need for External Corrosion Control
- 4 Piping System Design
- 5 External Coatings



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SP0169, Control of External Corrosion on Underground or Submerged Metallic Piping Systems

- 6 Criteria and Other Considerations for Cathodic Protection
- 7 Design of Cathodic Protection Systems
- 8 Installation of Cathodic Protection Systems
- 9 Control of Stray Current Interference
- 10 Commissioning, Operating, Monitoring, and Maintaining of CP Systems
- 11 External Corrosion Control Records



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References (110)

Bibliography (136)

Appendices: A (A1, 2, 3) coating standards

B corrosion standards

Negative votes resulted 5 ballots:

Major issues: Appendix B



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SP0169, Control of External Corrosion on Underground or Submerged Metallic Piping Systems

Since cathodic protection is closer to an art than a science, design considerations and not necessarily design criteria. Cathodic protection design should only be done by experienced and knowledgeable corrosion engineers (with other words: by artists). The specific criteria used and the test results for each cathodic protection system are not available.

Therefore, please just simply call me MAESTRO



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THANK YOU!

QUESTIONS?



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