

GP 19-05-01	Cathodic Protection	February 2002
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Cathodic Protection

GP 19-05-01

Scope

[I] This Global Practice (GP) covers the design, application, and installation of cathodic protection systems to prevent corrosion of piping and structures in contact with corrosive soil or water.

[I] An asterisk (*) indicates that a decision by the Purchaser is required or that additional information is furnished by the Purchaser.

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Page 1 of 7	©ExxonMobil Development Company	



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GP 19-05-01	Cathodic Protection	February 2002
-------------	---------------------	---------------

Table of Contents

1. Required References.....	3
1.1. NACE–National Association of Corrosion Engineers.....	3
1.2. API–American Petroleum Institute	3
1.3. DNV–Det Norske Veritas	3
2. Documentation.....	4
2.1. Proposal Information.....	4
3. Design and Installation	4
4. Testing, Evaluation and Design	5
Record of Change	6
Attachment: Purpose Codes Definitions	7

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Page 2 of 7	©ExxonMobil Development Company	



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GP 19-05-01	Cathodic Protection	February 2002
-------------	---------------------	---------------

1. Required References

[I] This Section lists Practices and Standards that are generically referenced and assumed to be a part of this document. Unless otherwise specified herein, use the latest edition.

[O] Vendor shall comply with local, State or Federal rules and regulations concerning design, installation and operation of cathodic protection systems.

1.1. NACE–National Association of Corrosion Engineers

NACE RP0169	Control of External Corrosion on Underground or Submerged Metallic Piping Systems
NACE RP0176	Corrosion Control of Steel Fixed Offshore Platforms Associated with Petroleum Production
NACE RP0193	External Cathodic Protection of On-Grade Carbon Steel Storage Tank Bottoms
NACE RP0196	Galvanic Anode Cathodic Protection of Internal Submerged Surfaces of Steel Water Storage Tanks
NACE RP0285	Corrosion Control of Underground Storage Tank Systems by Cathodic Protection
NACE RP0387	Metallurgical and Inspection Requirements for Cast Sacrificial Anodes for Offshore Applications
NACE RP0388	Impressed Current Cathodic Protection of Internal Submerged Surfaces of Carbon Steel Water Storage Tanks Item No. 21040
NACE RP0492	Metallurgical and Inspection Requirements for Offshore Pipeline Bracelet Anodes
NACE RP0675	(Withdrawn) Control of External Corrosion on Offshore Steel Pipelines

1.2. API–American Petroleum Institute

API RP 651	Cathodic Protection of Aboveground Petroleum Storage Tanks
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1.3. DNV–Det Norske Veritas

DNV-RP-B401	Recommended Practice - Cathodic Protection Design
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