



# STANDARD CONSTRUCTION OPERATING PROCEDURE

NEW YORK CITY DEPARTMENT OF  
**DESIGN + CONSTRUCTION**  
Division of Infrastructure  
Bureau of Construction

**SCOP..... : 10 - 003G**

**CATEGORY..: CONSTRUCTION**  
**Subcategory : WATER MAINS**

**SUBJECT: CORROSION CONTROL SPECIALIST  
SERVICES DURING CONSTRUCTION**

Keywords ..... : Cathodic Protection  
Corrosion Control

**APPROVED:**

*Associate Commissioner, Richard Zetterlund, P.E.*

Supersedes..... : N/A  
Supplements..... : 04-009G  
Sheet..... : 1 of 1

Issue Date..... : March 31, 2010

Effective immediately, all projects that include the installation of steel water mains must procure, through REI Additional Services, the services of a qualified Corrosion Control Specialist to review and approve the cathodic protection design provided by the contractor and oversee and approve the cathodic protection work in accordance with the attached detailed description of services to be provided.

The Corrosion Control Specialist must be approved by the Assistant Commissioner.

This policy is to be reviewed with the contractor and field staff at preconstruction and critical phase meetings.

Attachment: Inspection Services for Corrosion Control System - Guidelines

**Inspection Services for Corrosion Control System For Water Mains Twenty-Four (24) Inches (600 mm.) And Above:**

- (A) The Consultant shall employ the services of a Corrosion Control Specialist as approved by the Engineer. This specialist shall be certified by NACE International.
- (B) The Corrosion Control Specialist shall at a minimum perform the following functions:
  - (1) Review and approve the design of Cathodic Protection System prepared by the Contractor employed Corrosion Control Consultant to meet DEP-BWSO Cathodic Protection Specifications.
  - (2) Oversee the work performed by the Contractor employed Corrosion Control Consultant.
  - (3) Inspect the installation of Cathodic Protection System.
  - (4) Verify the tests conducted by Contractor employed Corrosion Control Consultant.
  - (5) Oversee and sign-off the interim testing and the final activation testing along with the Contractor employed Corrosion Control Consultant. Copies of the signed reports are to be sent to DDC Infrastructure Construction, to DDC Infrastructure Design and to DEP-BWSO
  - (6) Review and approve any field modification to the system.
  - (7) Review and approve final as-built drawings.
- (C) This Specialist shall be independent of the Contractor employed Corrosion Control Consultant. They shall have no business relationship of any kind so as to avoid conflict of interest.