

**Pennsylvania Department of Environmental Protection
Division of Storage Tanks**

February 29, 2016

IMPORTANT NOTICE

sti-P₃[®] Tanks and the Addition of Supplemental Anodes

The Department has recently investigated several instances where supplemental anodes were incorrectly installed on Steel Tank Institute sti-P₃[®] tanks due to incomplete or improper tank evaluations. Any and all repairs to underground storage tank systems must be properly conducted in accordance with a code of practice developed by a Nationally-recognized association or an independent testing laboratory. (25 Pa. Code § 245.434 (2)). To meet this regulatory requirement, the Department recognizes two methods for the evaluation and installation of supplemental anodes on a sti-P₃[®] tank:

1. Unless precluded by its scope, thoroughly follow and document all of the testing requirements found in the current Steel Tank Institute R972: Recommended Practice for the Addition of Supplemental Anodes to sti-P₃[®] USTs.

Or,

2. Follow a corrosion expert's specifically-developed current, on-site design for the individual sti-P₃[®] tank.

Tank handling activities, including the installation of supplemental anodes, must be conducted by, or under the direct, onsite supervision of, a Department certified individual holding "UMX" certification and must be performed in strict accordance with a recommended practice or specific site design.

Please see additional information regarding corrosion experts and cathodic protection testers in the table below:

CORROSION EXPERT -	NACE CERTIFICATION
The Department's definition requires National Association of Corrosion Engineers (NACE) certification unless the person is a registered professional engineer with certification or licensing that includes education and experience in corrosion control of buried or submerged metal piping systems and metal tanks.	Corrosion Specialist
	Cathodic Protection Specialist
CATHODIC PROTECTION TESTER - The Department's definition of cathodic protection tester does not require any specific certification; however, it does require education and experience in various corrosion areas. Persons holding these NACE certification levels are viewed by the Department as fully meeting regulatory requirements.	Cathodic Protection Technologist
	Cathodic Protection Technician
	Cathodic Protection Tester
	Senior Corrosion Technologist
	Corrosion Technologist
	Corrosion Technician

NOTE:

1. The regulations require that the system be tested within 6 months following this repair.
2. Adding impressed current to a sti-P₃[®] tank is an *upgrade* and must meet the requirements of 25 Pa. Code § 245.422.

If you have questions or desire clarification of the above, please contact the Division of Storage Tanks at 717.772.5599 and ask to speak with a member of the Underground Storage Tank Unit.