SECTION 15265

STATIC ELECTRIC DISCHARGE PROCEDURE FOR POLYETHYLENE PIPE

PART 1. GENERAL

1.1 DESCRIPTION

A. This procedure describes the precautions to be taken to reduce the potential for static electric discharge from polyethylene pipe where a hazardous atmosphere could exist. An approved method will be used to reduce static electricity.

PART 2. PRODUCTS

Not Used

PART 3. EXECUTION

The following precautions should be taken to reduce the potential for static discharge:

A. Anti-static solution should be applied to all exposed polyethylene pipe where a hazardous atmosphere could exist.

B. A grounded wet tape conductor can be placed in direct contact with the entire section of exposed piping, except the area necessary for working on the pipe to maintain the anti-static solutions contact with the polyethylene pipe. The wet tape conductor shall be burlap, cotton cloth or other approved anti-static wrap thoroughly wet with the approved anti-static solution.

C. Currently, anti-static solutions are available from Lyle and Normac. In addition a dilute solution of water and a dishwasher type detergent is an acceptable substitute.

D. Efforts should be made to keep the tape wet during repairs.

E. Do not vent gas using an ungrounded plastic pipe.

End of Section