

- The CONTRACTOR shall, in conjunction with CP, utilize Cortec amine carboxylate vapor phase corrosion inhibitor technology or approved equal, to provide protection against soil side corrosion for the underside of tank bottom plates and buried metal pipes. This type of vapor phase corrosion inhibitor acts to reduce soil-side corrosion by a combination of volatilization from a liquid, vapor transport through the sand layer and in the headspace between floor plates and the tank pad atmosphere providing a protective layer on the metal surface. An online provisional vapor phase corrosion inhibitor delivery system shall be integrated into the tank foundation and installed during tank construction. This provides metal protection against soil-side corrosion when power is not available during the construction phase for buried metal pipes and tanks or interrupted while tank is in-service. This technology will also supplement the performance of CP during operation and provide protection for tank bottom plates at the air gaps or elsewhere where the CP current cannot reach.