



Section 11XXX

JACQUELYN™ SCREEN COATING

1.1 General

- A. The coating shall be a corrosion resistant and zebra mussel resistant metal coating. The coating shall employ no binder or carrier. The coating shall resist zebra mussel attachment in all water flow conditions including low velocity or quiet waters and have a nominal life expectancy of at least 15 years. The coating shall be Jacquelyn™ as applied and supplied by Cook Legacy or one of our authorized Licensees.

1.2 Coating Thickness and Coverage

- A. The nominal coating thickness shall be 0.005 inches or as specified by the engineer. All surfaces of the screen assembly shall be coated except as noted herein. Flange faces shall not be coated. Interior surface of the air burst screen cleaning piping need not be coated.

1.3 Submittals

- A. Coating vendor shall supply verification that the coating has been tested by an independent U.S. EPA certified laboratory in accord with the National Sanitary Foundation protocol NSF 61 for leach testing and that concentration levels for copper using Certified U.S. EPA test procedures for measurement are below 0.05 mg/l. Coating vendor shall supply verification that the coating has been field tested in sites infested by zebra mussels and demonstrated resistance to the attachment of zebra mussels.