

QPL 18: MANHOLE ACCESSORIES

SECTION A. MANHOLE STEPS

GENERAL

This evaluation procedure outlines the Department's approval process for manhole steps.

SPECIFICATIONS

- TDOT Standard Specification 921.11 – Manhole Steps
- Standard Drawing D-MH-4 – Manhole Castings and Steps
- ASTM C478 – Standard Specification for Circular Precast Reinforced Concrete Manhole Sections

PROCEDURES

A completed Product Evaluation Form, safety data sheets (if applicable), product data information and a sample of the product being tested must be submitted to the Division of Materials and Tests.

Approval is based on certification provided by the manufacturer that the products meets the applicable specifications.

QPL 18: MANHOLE ACCESSORIES

SECTION B. MANHOLE RISERS

GENERAL

This evaluation procedure outlines the Department's approval process for manhole risers.

SPECIFICATIONS

- Standard Drawing D-RF-1 – Standard Precast Riser
- Instructional Bulletin IB 22-11
- AASHTO M306 – Standard Specification for Drainage, Sewer, Utility, and Related Castings (HS-25 load rating)
- ASTM C478 – Standard Specification for Circular Precast Reinforced Concrete Manhole Sections
- ASTM C969 – Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (infiltration)
- ASTM C1244 – Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure Test Prior to Backfill (Vacuum)

PROCEDURES

A completed Product Evaluation Form, test data, drawings, product data information, and safety data sheets (if applicable) being tested must be submitted to the Division of Materials and Tests.

Approval is based on certification provided by the manufacturer that the products meets the applicable specifications.