

Plant Information

Plant ID: S.A.S.

Equipment Number: P-5674

Equipment Name: Pipe-412

Equipment Type: Piping

Date: 2024-10-25

Service Information

Design Pressure (P): 150.0 psi

Outside Diameter (D): 20000.0 inches

Allowable Stress (S): 100.0 psi

Effective Length (E): 10.0 inches

Corrosion Allowance (c): 0.1 inches

Initial Thickness (initial t): 24.0 inches

Actual Thickness (actual t): 12.0 inches

Time in service: 5 years

Calculation Results

Pressure Design Thickness (t): 1456.31 inches

Nominal Thickness (tm): 1456.41 inches

Corrosion Rate: 2.40 inches/year

Remaining Life: -601.80 years

Next Inspection Year: -300.89805825242723