

Pipe Casing Injection for Corrosion Protection of Pipeline in Florida

Project Specifics

Installation Dates
August 25, 2020

Location
Florida, USA

Environmental Conditions
Sunny, 70% humidity, and 96°F.

Pipe Casing Construction Details
Casing Diameter: 30"
Pipeline Diameter: 26"
Length: 57'

Zerust Product(s) Used
Zerion[®] FVS Corrosion Inhibitor Powder
Zerion[®] PGH-300 Corrosion Inhibitor Gel
Zerion[®] PGH-400 Corrosion Inhibitor Gel

Vessel Assessment

Both the bottom and top vents were in the same place. See provided photos. The casing extends to the middle of the road, so a vent could not be placed there.

Conclusion & Recommendations

Because the vents were so close to each other, we had to adjust the injection techniques. We would inject the slurry until we saw gel coming out of the other vent. We would shut the pump off and let the slurry even out in the casing. We repeated this step multiple times. This maintained a minimal loss of slurry.

The noted quantities of corrosion inhibitors were applied with no issue and the project successfully completed.

