



36" x 200ft SIPP Repair With Elbows, Verticals, Through Walls and Erosion Corrosion With Limited Access.

Speaker: Scott Dishon

January 27 – 28, 2026

Henry B. Gonzalez Convention Center, San Antonio, Texas



About Elite Pipeline Services

- Internal Pipeline Repair Company
- Predominately Power Plant Clientele
- CIPP, SIPP, Pipe Coating Focused
- Multiple Options (We don't push a singular product)
- Deliver the right product coating for the job

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Time Constraint Pipe Repairs

- Forced Outage 1-14 Days
 - Maintenance 10-20 Days (common)
 - Refueling 25-30 Days
- (Excavations generally not possible due to plant configurations)

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Introduction

- 36" & 20" SIPP Repair x 200ft + 60ft on Inspection
- No known wall failures
- Access Through 18" x 20"
- Elbows & Verticals
- BEM Scanning to check wall thickness
- Requested Adhesion Testing on Possible Through Wall Material Repairs

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History of Pipeline

- Only limited use
- Corrosive & Dusty Environment
- Above ground UT's showing 20% Wall Loss
- External Excavated UTS showing 30% Wall Loss

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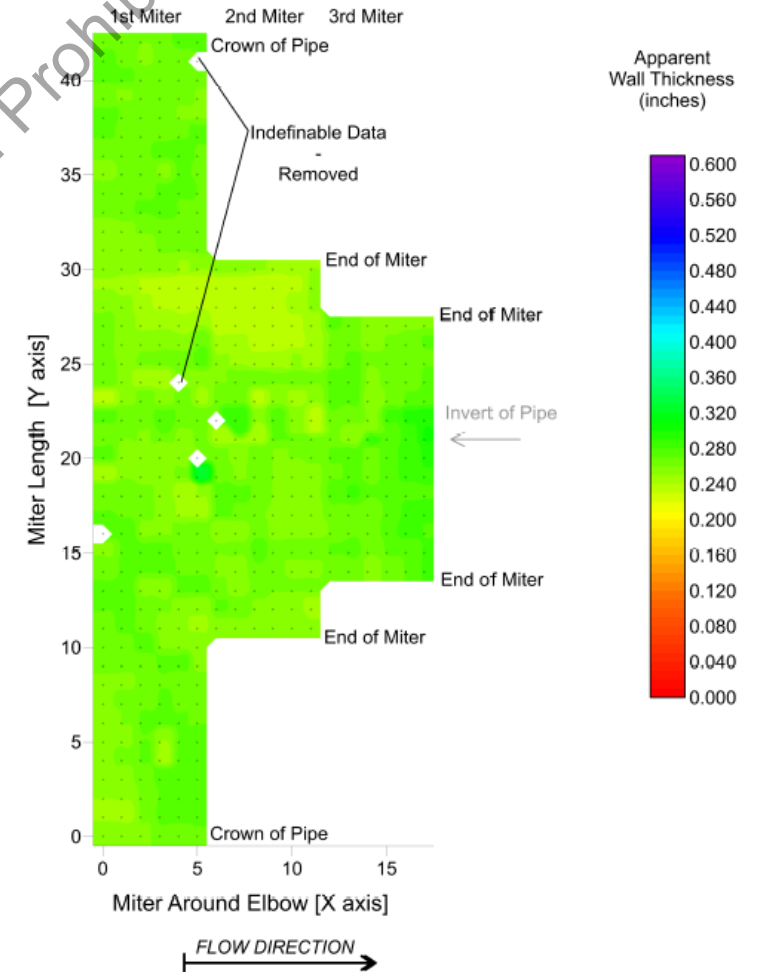
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PRELIMINARY APPARENT WALL THICKNESS

36" Elbow Miter BEM™ Scanning



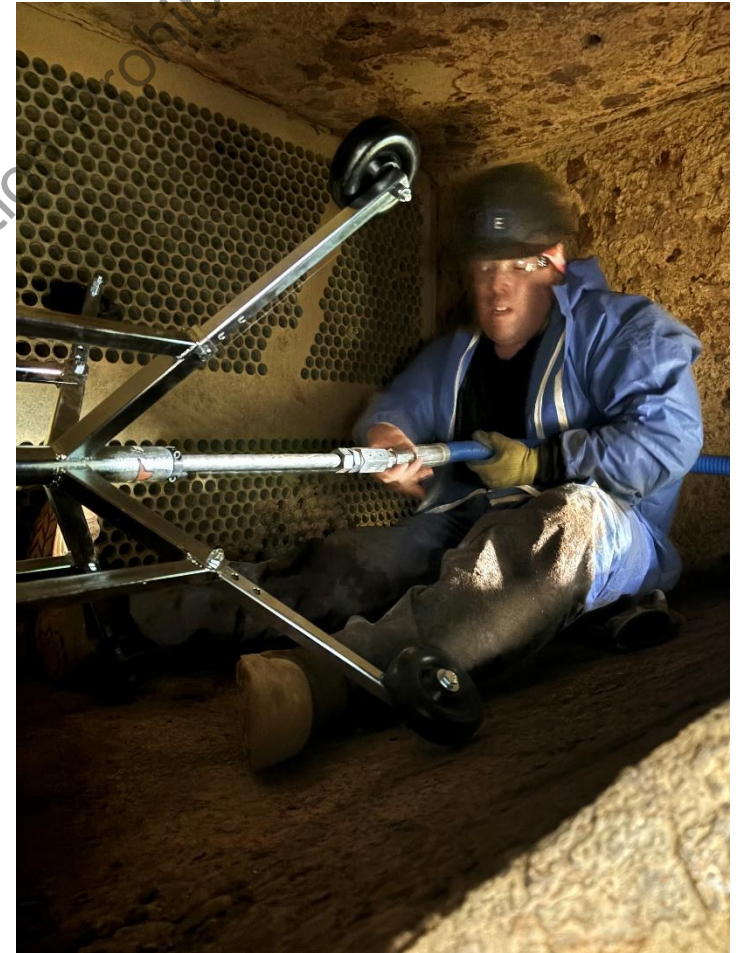
Spot Checks Before Hydrolazing

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Built Equipment Out Through Pipe

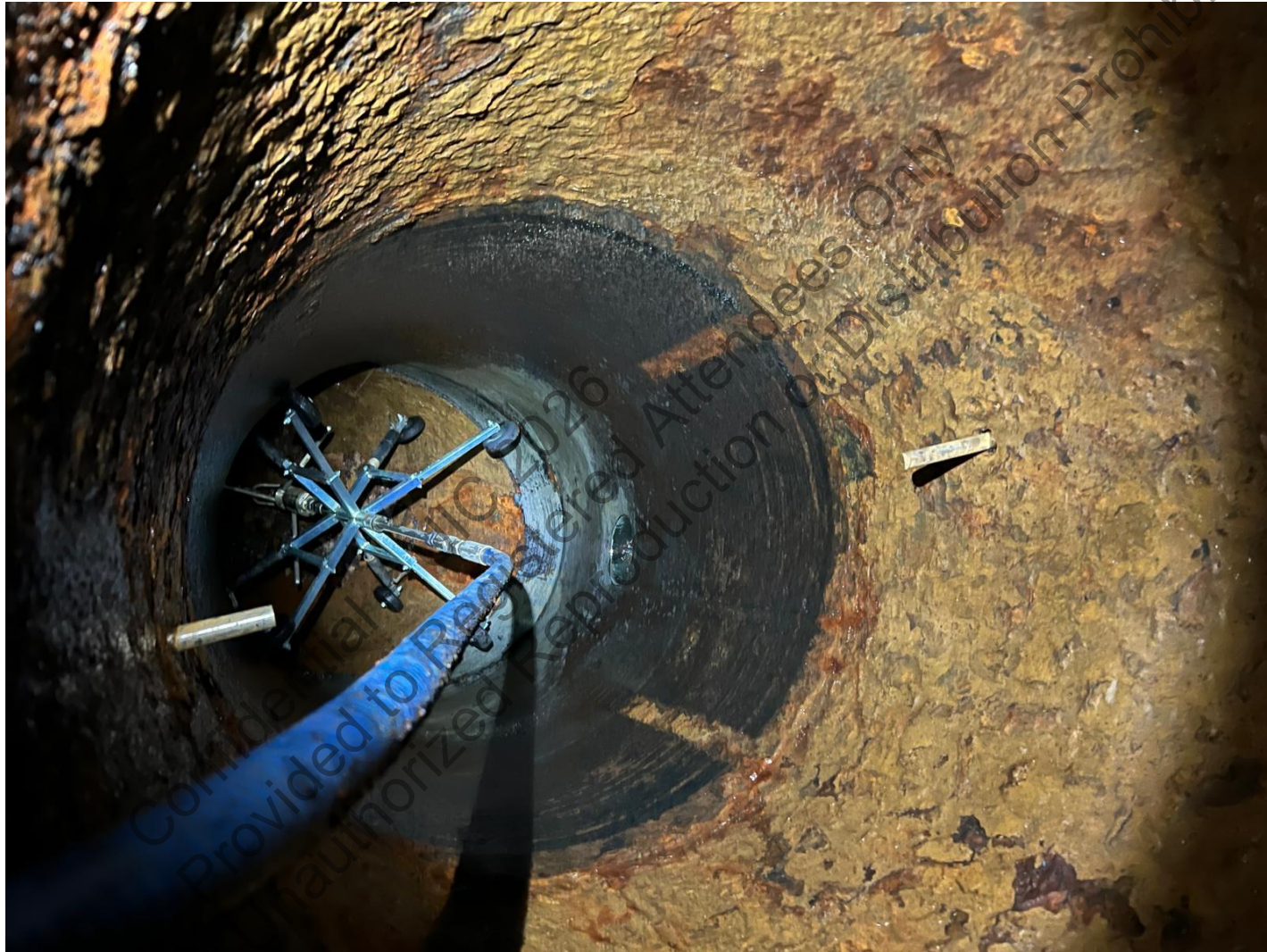


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Calibrating 20,000 PSI Hydrolazer



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- 20,000 PSI
- 2 Passes
- Managed through 2 x 45”s 150ft
- Remainder From Other End

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After Cleaning Found Unexpected Through Walls & Heavy Erosion Corrosion on Elbows

(Below Concrete Floor)



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Erosion Corrosion On Elbows



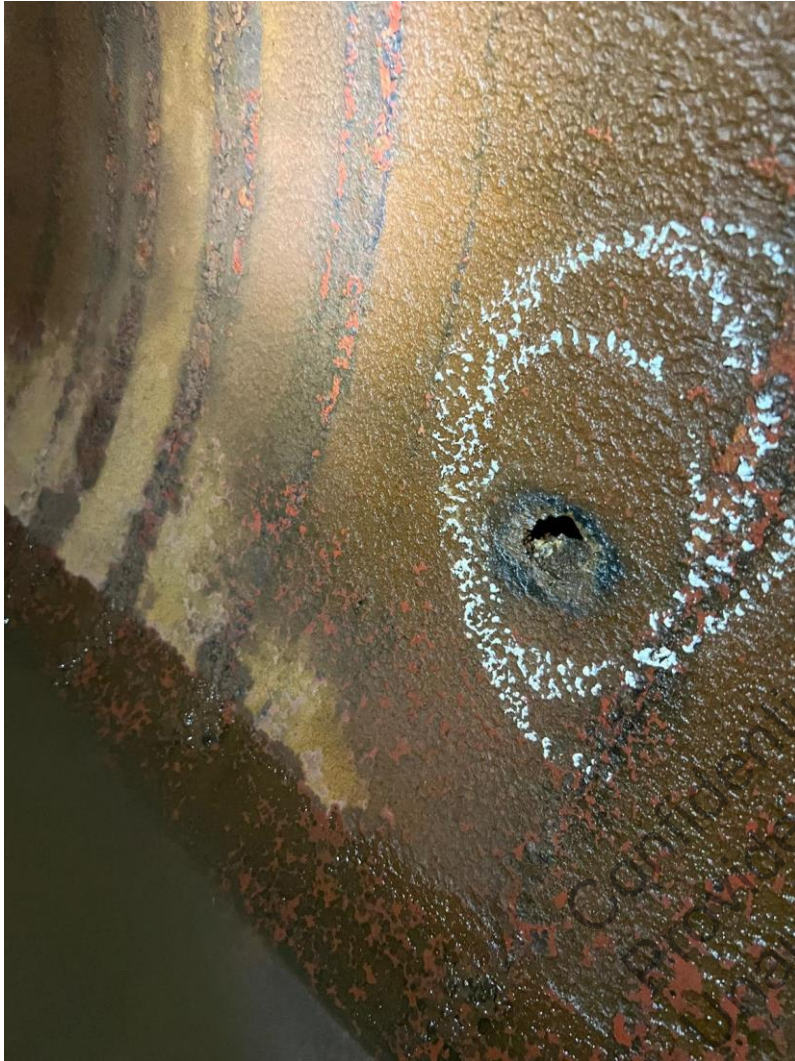
1. Structural Integrity Loss
2. Can't Excavate
3. Below Concrete Floor
4. Through Walls
5. UTS 0.100/0.375

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Found Through Walls



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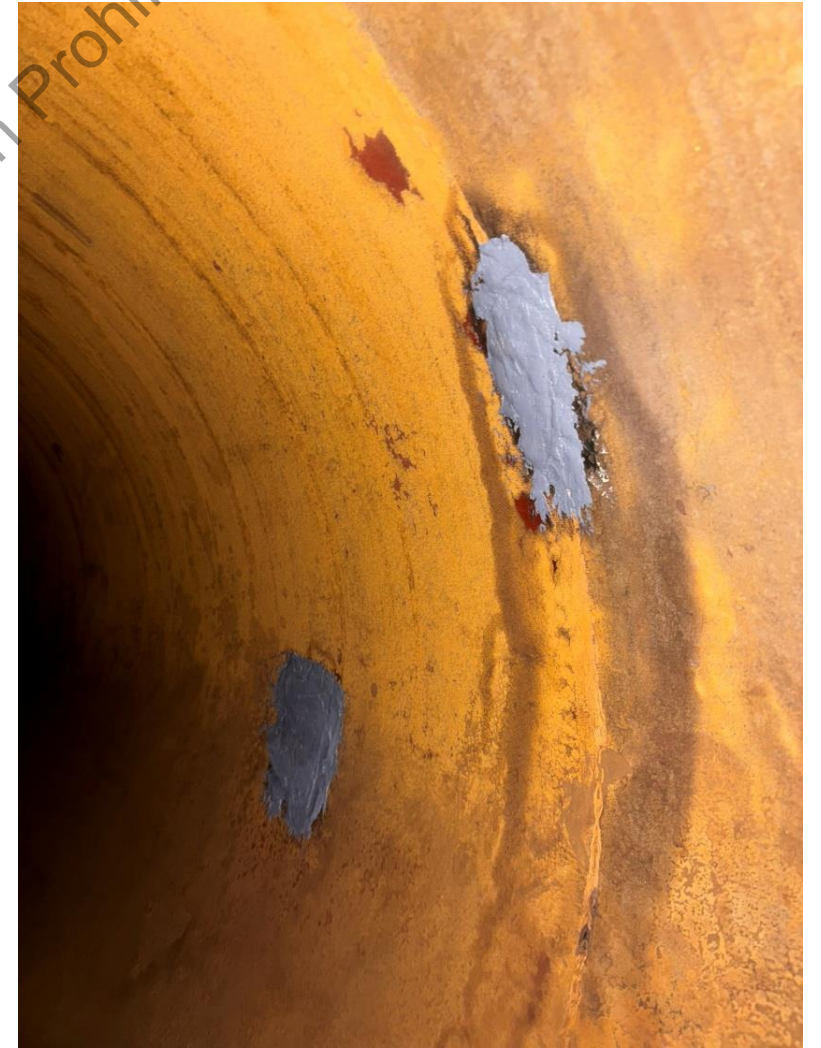
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Enecon Metalclad Duralloy

Machinable Paste
Sand Back



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1. Built Up With Metal Clad
 2. Internal Carbon Fiber
 3. Gave Elbows Structural Integrity

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After Unexpected Repairs Prepped Pipe Again (Outside of 72 hours for Hold Tight 102)

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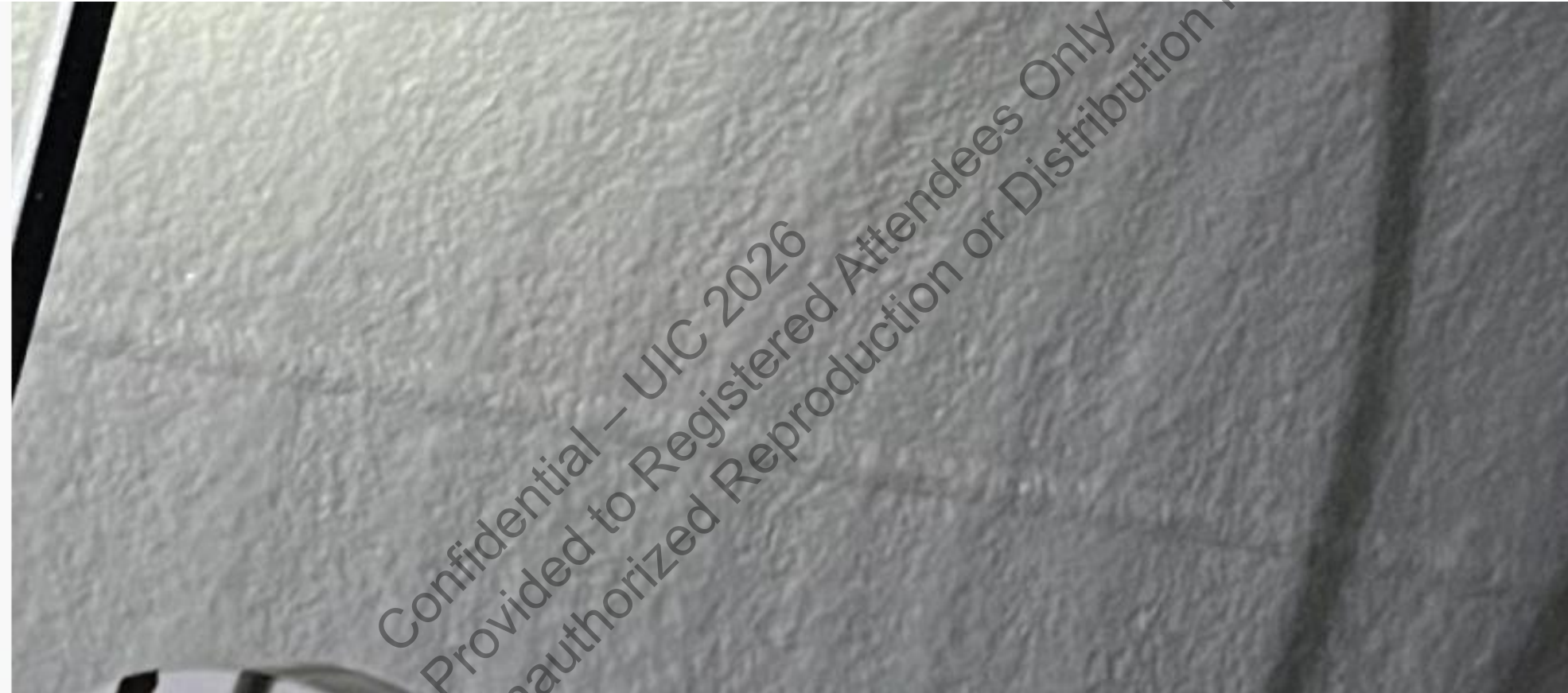
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Seam Weld Coverage

Pre Coat Welds/Joints (Holidays) Coating Clockwise



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Visual Inspection

Holiday Sweep

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Nuclear Client Request Adhesion Testing on Industry Paste

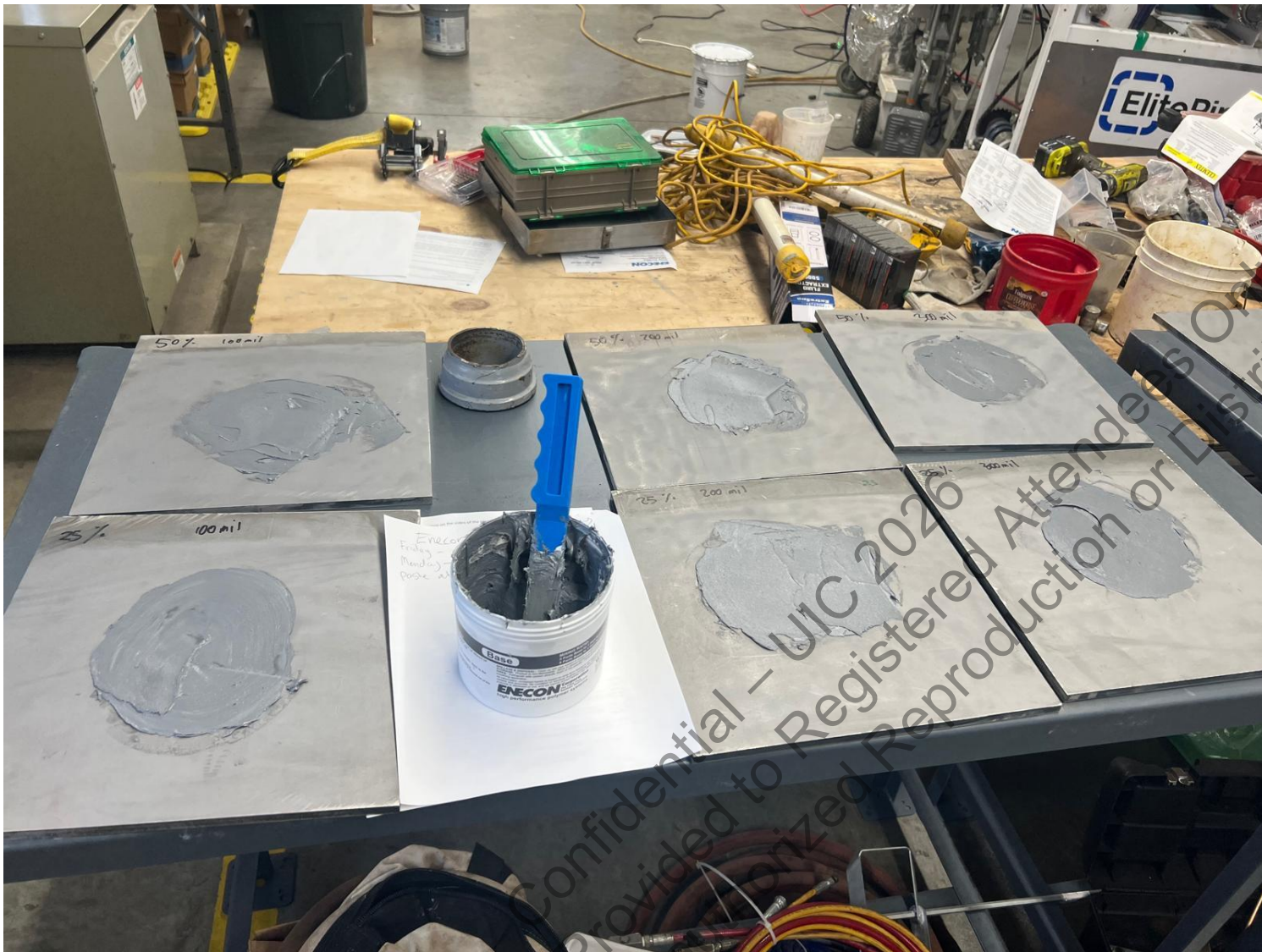


1. 3 Industry Mechanical Pastes
2. Check Adhesion to Pastes
3. Different Thickness of Coatings

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Time Constraint Repairs

- SIPP can provide semi structure/corrosion barrier
- CIPP Products can provide Full Structural Repair
- Limited Access at Plants for CIPP Solution
- Increase Demand for SIPP/Performance Coatings
- Plants still looking for 20-30yr Solution/License
Renewal Stage

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Recent SIPP Plant Requests

- How much can you repair in 10 Days, 96" ID, access through 24"
- 500ft 24" 10 days, now pushed to refueling outage 20+ Days (elbows 90's)
- 300ft 23" x 275mils 10 days (elbows)
- 150ft x 36" Repair Through Radiation Areas

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Any Questions?

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