



RUSTECH®

INTERNATIONAL

www.rustechinternational.com

FIRST ON-SITE EVALUATION JOHN E PRESTON WATER PLANT - DIFFUSER TANK INSTALLATION



First Evaluation at John E. Preston Water Plant

With Millo Electrical, Rustech, and Plant Representative Francisco

Key Observations:

- **Corrosion Stains at Anchoring Points:**
 - Each connection point exhibited a corrosion stain, confirming Rustech's electron flow delivery to the metal.
 - This discoloration is normal, and it indicates the unit is actively pushing out corrosion from the metal surface.



- **Rustech Point of Delivery:**

- A dramatic metal discoloration was noted at the electron entry point, demonstrating active electron activity.
- Each entry point should exhibit this characteristic stain as part of the corrosion removal process.



- **Metal Stabilization & Protection:**

- Rustech stabilizes the metal beneath the corroded surface, protecting it from further degradation.
- Once the metal tank is filled, it will develop a **gray-black chalky protective coating**, a result of the electron behavior interacting with the metal.

Rustech Installation Impact: Before & After



Before Rustech Installation:

The metal surface is **red and highly active with corrosion.**

Corrosion is spreading, weakening the structural integrity of the metal.



After Rustech Installation:

The metal begins to **stabilize**, transitioning to a **gray/black coloration.**

Rustech actively **pushes out the corrosive dead metal**, protecting the healthy metal beneath.

Result: Continuous protection against corrosion, ensuring long-term metal durability.

Rustech Protection on Connecting Parts

Enhanced Metal Protection:

- All connection points benefit from Rustech's **continuous electron flow**, ensuring long-term corrosion resistance.

Visual Indicator of Protection:

- The metal surface transitions to a **gray/black protective coating**, signifying stabilization.
- Corrosion is **actively pushed away**, preserving the integrity of the metal.

Sustained Durability:

- Rustech ensures **ongoing corrosion prevention**, extending the lifespan of all treated metal components.





In three distinct layers, we can clearly observe how **Rustech** stabilizes the metal. The **Top (first) Layer** appears red and corrosive, the **Middle (second) Layer** has a slightly gray tone, and the **Bottom (third) Layer** is black, featuring the protective coating.

Performance & Calibration:

- **Continuous Corrosion Protection:**
 - Rustech ensures long-term stabilization by maintaining a consistent and precise electron flow.
 - The system is calibrated based on the tank's weight (150 tons) information provided by the client.
- **Module Inspection:**
 - Two Rustech modules (X2) for the softener tank were inspected and confirmed to be operating within specifications.



