

Zerust® Chime Ring Dry for Aboveground Storage Tank

Zerust® OIL & GAS
WORLDWIDE CORROSION SOLUTIONS



CLIENT APPLICATION *Chime Ring Injection | March 2018*

Project Summary:

- Zerust Oil & Gas, in collaboration with a contractor, was awarded a project encompassing the provision of materials and project supervision for the application of corrosion inhibitor compound aimed to provide corrosion protection to the “Soil-Side Bottom” (SSB) plates of a targeted tank.

Goals and Objectives:

- Installation of perforated PVC pipes (with corrosion inhibitor sleeves) within four (4) pre-existing trenches in the tank foundation
- Installation of ER probes and universal access points within the remaining four (4) pre-existing trenches in the tank foundation
- Installation of a Chime Ring Dry IDS at the tank chime
- Installation of an IDS sealant system at the tank chime
- Installation of corrosion inhibitor sleeves within the installed Chime Ring Dry IDS

Product(s) Used:

- Zerion® FVS-B15, Bulk Powder
- Zerion FVS-S15 Inhibitor Sleeve Assembly

Conclusions/Solution:

- The installation of the Zerust corrosion protection solution was successfully implemented around the tank and the project scope was completed per the time line established.
- 100-gallons of corrosion inhibitor slurry were introduced into the chime area and all inhibitor sleeves were installed into the Chime Ring IDS piping network for optimum protection of the tank chime.
- Weight-loss coupons were installed at or near the specified locations per the client’s request.



1. CHIME RING IDS PIPING SYSTEM



2. APPL. OF SEALANT PASTE



3. INSTALLED DRAIN PORT ASSEMBLY



4. MIX. OF CORROSION INHIBITOR SLURRY



5. APPL. OF CORROSION INHIBITOR SLURRY



6. INSTL. OF CORR. INHIBITOR SLEEVES



7. INSTL. OF SEALANT TAPE



8. INSTL. OF CORR. MONIT. COUPON