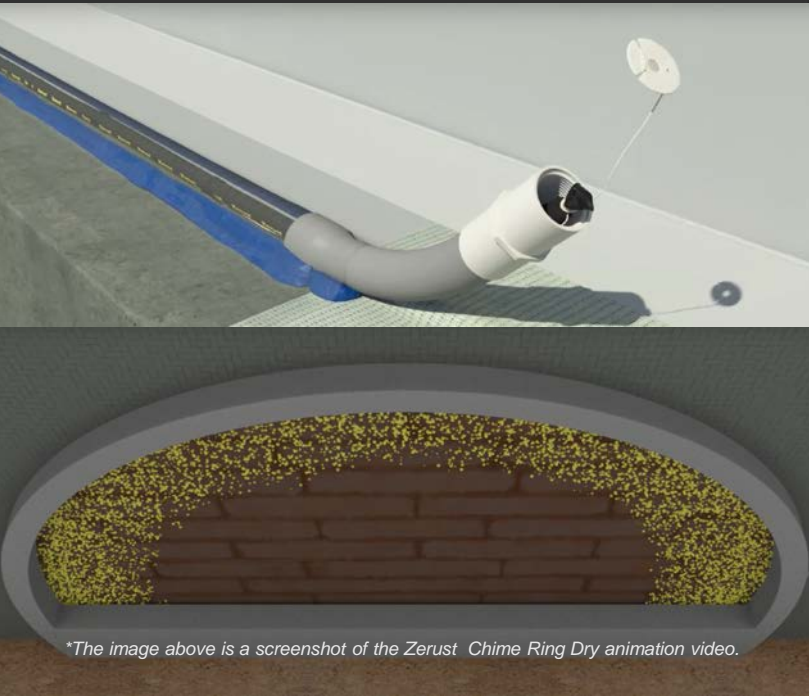


Zerust® Chime Ring Dry for Aboveground Storage Tank



*The image above is a screenshot of the Zerust Chime Ring Dry animation video.

CLIENT APPLICATION Chime Ring Dry | 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

Zerust® OIL & GAS
WORLDWIDE CORROSION SOLUTIONS

ER Probe/Corrosion Rate Analysis:

- Using the ER Probe matrix, corrosion rates in “millimeters per year” (mpy) are shown in TABLE 1 below for each installed ER probe corrosion monitoring unit.

TABLE 1: SUMMARY OF CORROSION RATES FOR INSTALLED ER PROBES LOCATED UNDER TANK 8716

ER PROBE ID	MANUFACTURER	MODEL	CABLE LENGTH	CORR. RATE (mpy)
36285	Metal Samples	CT-50	20 Feet	N/A
36286	Metal Samples	CT-50	20 Feet	N/A
36287	Metal Samples	CT-50	10 Feet	N/A
36288	Metal Samples	CT-50	10 Feet	N/A
AVERAGE:				N/A

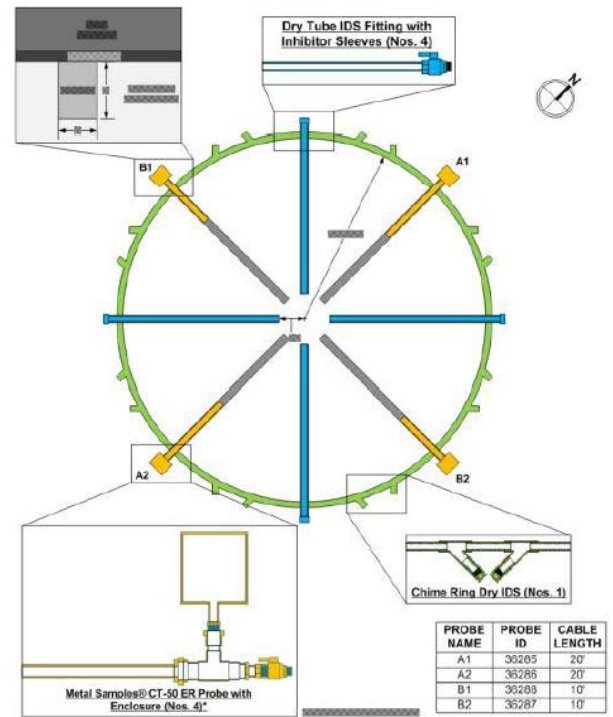


FIGURE 1 ABOVE: INSTALLED IDS SOLUTION WITH NOTED ER PROBES

Results and Recommendations:

- The initial data collected from the installed probes does not supply enough information for a determination to be made at this time of the ongoing corrosion rate beneath Tank 8716.
- It is recommended that data be collected on a frequent basis and forwarded to Zerust Oil & Gas for analysis. Please contact a Zerust representative with any questions or concerns.