



CST

Visual & Ultrasonic Inspection Services

Dry Bulk Silos & Liquid Storage Tanks

Proactively detect corrosion, structural concerns, and operational inefficiencies to extend the life and ensure the safety of your storage tanks. CST's Visual & Ultrasonic Inspection Services provide a comprehensive view of your tank's condition – helping you plan maintenance, avoid costly repairs, and support long-term performance.

Our experts recommend inspecting your tank every 3 to 5 years. Whether you require a routine inspection, an evaluation of a structural concern, or a detailed analysis of your tank's remaining service life, CST is equipped to meet your inspection needs with precision and reliability.

What You Can Expect from a CST Inspection

CST's inspection services offer a thorough, professional assessment of your tank system to help you make informed decisions about maintenance, repairs, and long-term performance.

- ▶ **Comprehensive Inspections:** Evaluation of all critical components, including roofs, bolting, coatings, tank bottoms, foundations, hoppers, appurtenances, shells, and access points.
- ▶ **Ultrasonic Thickness Testing (UTT):** High-frequency ultrasonic waves are used to measure material thickness and identify metal loss caused by corrosion or erosion.
- ▶ **Certified Inspectors:** All inspections are performed by trained professionals following industry standards such as AWWA, NFPA, FM, and API-12B.
- ▶ **Detailed Reporting:** Clear, actionable reports include field notes, ultrasonic readings, and photographic documentation to guide your next steps.

Benefits of a CST Inspection *Save Time & Money!*



Original Manufacturer –
No reverse engineering required



Original Fabricator –
OEM parts readily available



Original Product Experts –
No need to reinvent the wheel



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Why Perform An Inspection?

Like all physical assets and equipment, the longevity and safe optimum operation of the tank are based on the condition of the asset. A proactive inspection program can identify potential hazards so that they can be corrected early with much less downtime and lower cost. When considering the performance of a steel bolted tank, these are the key drivers behind why an inspection should be performed:

- ▶ **Detect Metal Loss:** Identify corrosion or abrasion that can compromise structural integrity, leading to dents, leaks, or catastrophic failures.
- ▶ **Ensure Proper Operations:** Verify that venting systems and operational procedures are functioning correctly to prevent issues like over-pressurization, which can cause structural damage.
- ▶ **Meet Regulatory Standards:** Comply with requirements from agencies such as OSHA and adhere to codes like NFPA and AWWA to ensure safety and avoid penalties.
- ▶ **Assess Suitability for Service Changes:** Determine if the tank can handle different products or increased capacity, facilitating informed decisions about modifications or replacements.
- ▶ **Extend Tank Lifespan:** Implement proactive maintenance strategies based on inspection findings to prolong the tank's operational life and reduce long-term costs.

All field inspection data, engineering analysis, and evaluation of work performed are translated into the proper report format and delivered in a timely manner. The findings of the inspection shall be documented by field notes, instrumentation readings, and photographs.



Next Steps

Centro is proud to be a trusted distributor of CST products — and your dedicated partner to solutions where precise control of fluids, solids, and gases is essential to operational success. Backed by over 200 years of combined experience, Centro and CST are global leaders in storage solutions, delivering unmatched expertise and reliable service every step of the way.



To learn more or schedule your inspection, contact Centro today!



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