PALA
An Employee Owned Diversified Construction Services Company
palagroup.com

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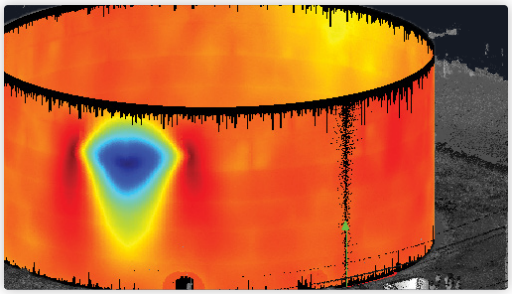
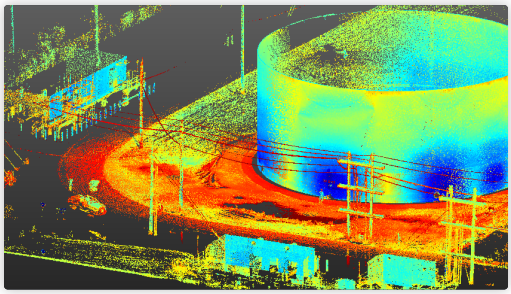
3D Laser Scanning Tank Services

PALA is proud to offer 3D Laser Scanning services for aboveground storage tanks of any size. Save time, money, and reduce personnel exposure with fast, expert support.

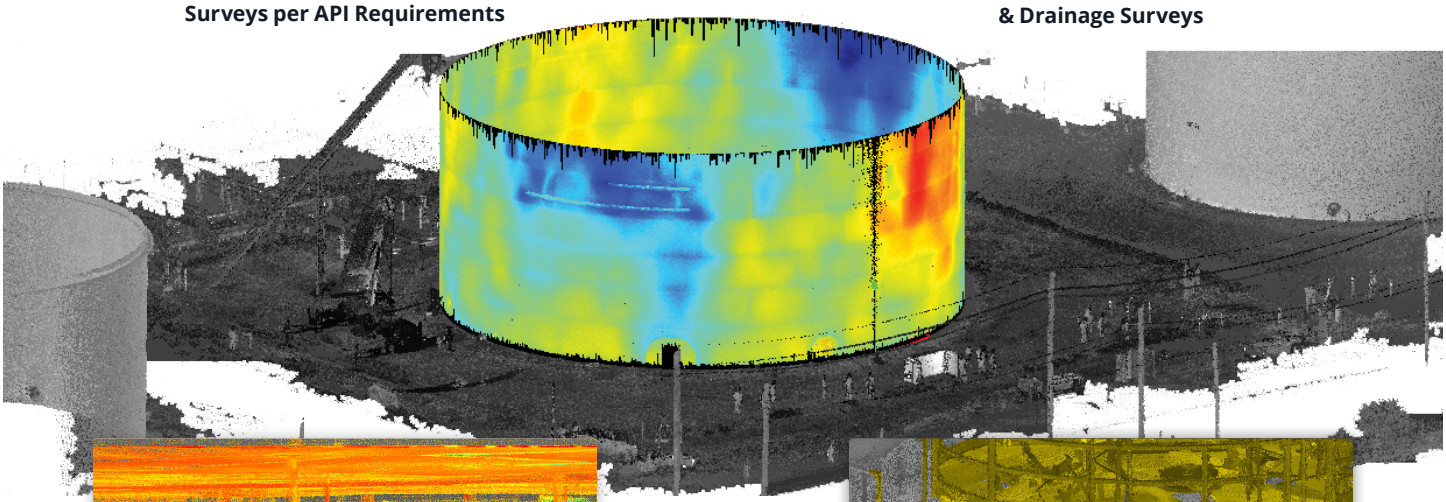
Our capabilities include:

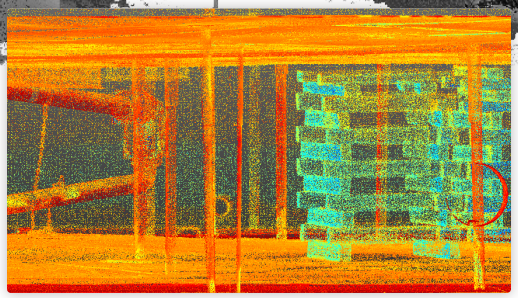


Detecting Localized Defects & Foundation Surveys per API Requirements

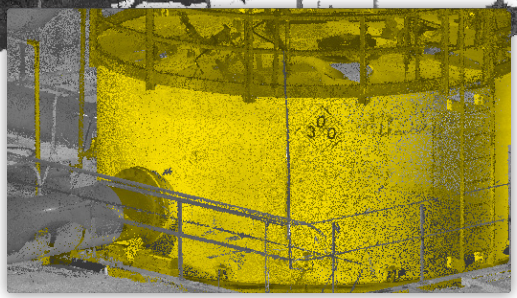


Secondary Containment Volume & Drainage Surveys





Rim Space Surveys & Floating Roof Functionality



Volumetric Calibration / Tank Strapping

Ready to simplify the tank inspection process? With 3D Laser Scanning, you can get accurate data to help you make the right decisions for your storage tanks. Contact us today!

PALA - 3D Laser Scanning Tank Services

With laser scanning technology from Novlum uniTank, PALA can conduct an aboveground storage tank analysis and inspection within a matter of hours, giving you timely data to make the right decisions for your tank maintenance and assessments. **3D Laser Scanning services can be included with our standard tank repair services, and can accurately and efficiently give you the data you need for:**

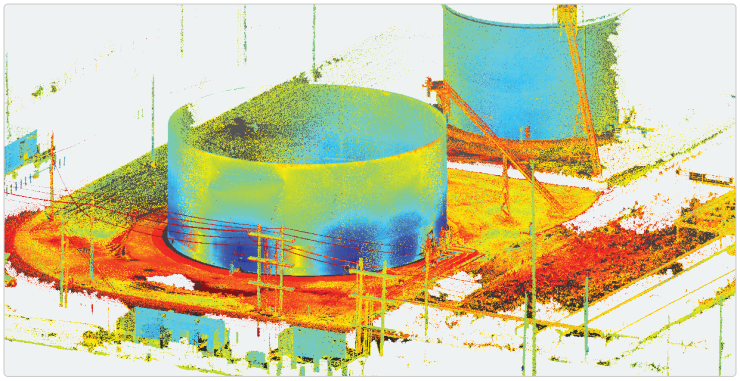
- **Documenting existing tank conditions**
- **Fit for Service studies**
- **Tank teardowns and total rebuilds**

NOVLUM

Novlum uniTank laser scanning technology quickly and efficiently captures hundreds of millions of data points to scan your entire aboveground storage tank using precise dimensional and configuration data.

3D Laser Scanning Capabilities

- Code compliance for peaking, banding, verticality, and roundness
- Shell condition assessments
- Foundation levelness surveys to meet tolerances per API 650 7.5.5
- Foundation settlement surveys during hydrotest/ staged loading
- Existing bottom surveys for slope or settlement
- Roof structure surveys for columns, girders, and rafters
- Rim space survey for optimum seal selection
- Floating roof simulations and functionality predictions
- Secondary containment volumetric and drainage studies for earthen or concrete dikes
- Tank strapping/calibration right from the 3D imagery



Why Choose PALA for 3D Laser Scanning?

PALA can include 3D Laser Scanning with your standard aboveground tank repair services, which is unique to the industry. With high-resolution laser scanning technology from Novlum uniTank, you will receive accurate data on your aboveground tanks, enabling you to make smart, real-time decisions.

3D Laser Scanning is a safer and faster option than traditional inspection methods. Inspection and analysis can be quickly completed from the ground even in low-visibility situations, reducing both personnel exposure and scheduled tank downtime. PALA's expert engineers can further save you money and time by conducting an additional tank analysis using the high-resolution 3D imagery without having to return to the site.

Looking for Accurate and Precise Data for Your Aboveground Storage Tank?

3D Laser Scanning allows you to easily isolate tank deficiencies and find the root cause of problems — helping you avoid unnecessary, costly, and time-consuming repairs, and enabling you to quickly catch deficiencies that would lead to more detrimental incidents in the future.

Ready to make informed decisions about the performance of your aboveground storage tanks? Contact our team of experts at PALA to get started today!