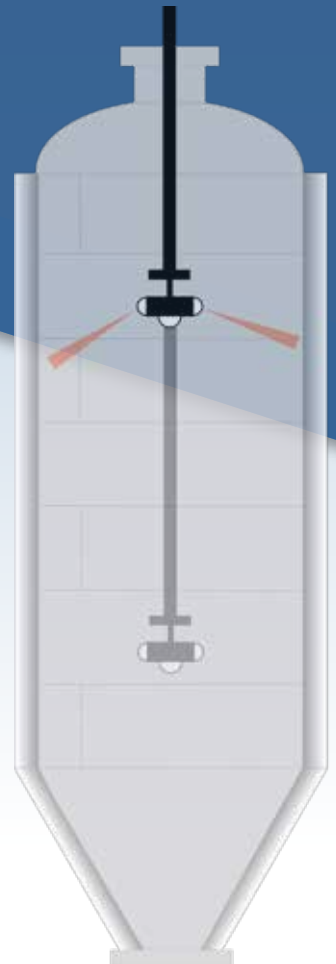
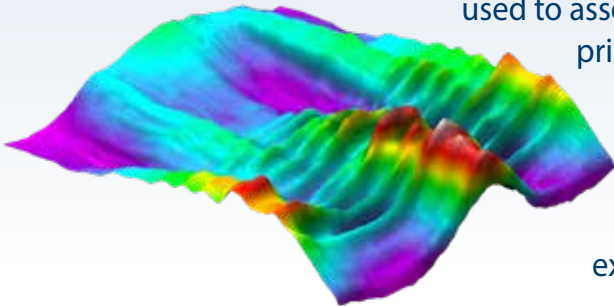


COKE DRUM LASER SCANNING



Ameriscan is the only company in the world that provides laser scanning, acoustic emission testing and strain gaging of coke drums all under one roof. The company uses the most advanced laser scanners to provide an accurate dimensional profile of new and in-service coke drums without the need for error-producing vibration filters. Detailed images and millions of data points are collected by portable equipment in less than an hour between coking cycles. Inspection findings reveal critical details, including bulging dimensions and cladding failures, that can be used to assess mechanical integrity as well as

prioritize and guide repair efforts. When multiple scans are taken over several years, historical trends can be used to conduct engineering assessments and make timely decisions about drum-life extension or replacement.



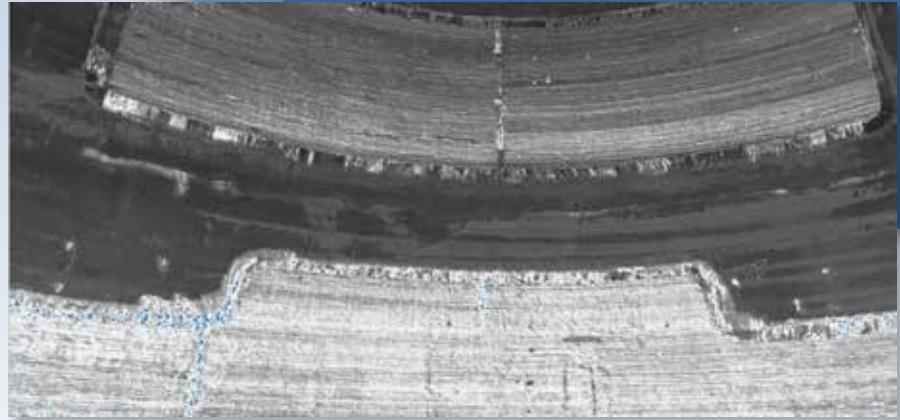
The Ameriscan Advantage

- Advanced scanners with built-in vibration compensation provide accurate measurements without the need for error-producing filters or data-smoothing methods.
- High speed scanners complete scanning and basic imaging in less than an hour.
- Small portable scanners are run by single operators.
- Optional high-definition photo surveys of failure-prone areas.
- Optional on-line acoustic emission testing performed by ASNT-certified engineers.
- Optional strain gage installation and monitoring.

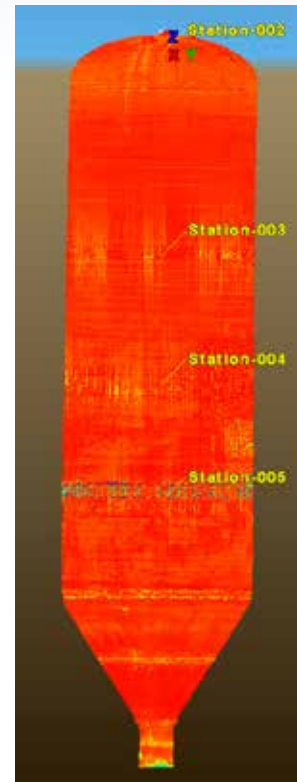
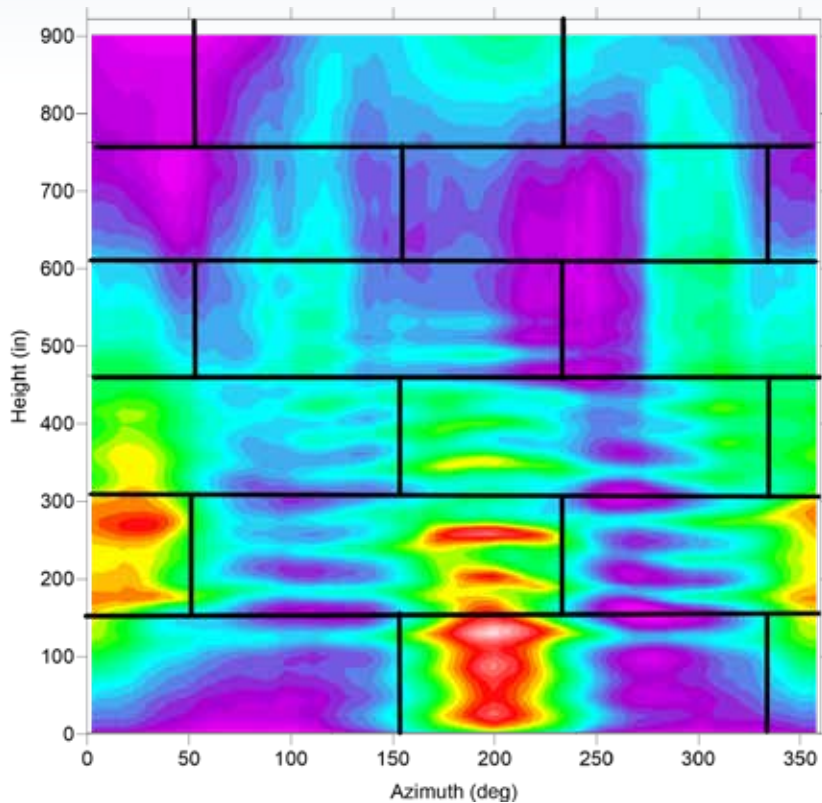
COKE DRUM LASER SCANNING



“Bubble View” software enables the interactive viewing of the inside of drums using photo-like images obtained without an external light source.



API survey 2013: 98% of coke drum operators use laser scanning for inspection of coke drums.



For more information, call Steven Garcia at +1-281-973-5802.