



Protecting your world, one tank at a time®

## 3D MFL MAPPING



HMT Inspection is now offering high resolution 3D MFL (Magnetic Flux Leakage) Mapping services for tank bottom inspections. This technology improves accuracy compared to traditional MFL techniques and provides flexibility in reporting and analysis. Contact your HMT Inspection representative to inquire how you can use 3D MFL Mapping to improve your inspection and repair projects.

### Key benefits:

**Superior reporting capabilities** — comprehensive reporting with a complete drawing of the tank bottom condition while still allowing for threshold flexibility.

**Implement the most cost effective repair plans with confidence** — offers the ability to change thresholds after scans are complete.

**Efficient technology in tank bottoms even with severe product side pitting** — provides verification of anomaly origin (product / soil side discrimination) with accurate sizing capabilities. Continually records all inspection data (above or below the repair threshold) without increasing scan times for tank bottoms with severe product side pitting as compared to traditional MFL Techniques.

### Key reporting features:

- Accurate X and Y coordinates
- Patch plate sizes
- Color based severity indicators
- Individual plate diagrams
- Each customer receives a “Read Only” version of the software with the ability to customize repair threshold and anomaly reporting should circumstances change after the inspection is complete.



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### 3D MFL MAPPING KEY BENEFITS

- Material thickness up to 0.500 inch
- Coating thickness up to 0.250 inch
- UT qualification provided to confirm software sizing
- Scan speed not affected by amount of pitting
- High resolution 64 channel system
- Accurate positioning data
- All data preserved for future comparison



### ABOUT HMT

HMT is the global leader in aboveground storage tank solutions. HMT's global team of engineers, project managers and field personnel can assist with common challenges including ways to reduce emissions, optimize tank capacity, reduce stranded inventory and engineer a tank system that exceeds safety standards and extends maintenance intervals.

**HMT's full suite of tank products includes:** Internal/External Seal Systems - Internal/External Floating Roofs - Drain and Floating Suction Systems - Aluminum Domes - Emissions Reduction Devices.

**HMT's quality services include:** Tank Repair & Maintenance - Floating Roof & Seal Repair/Replacement - Installation Services - Fabrication Services - Project Management/Turnkey - Inspection - Calibration - Verticality & Roundness Studies - New Tank Construction - Painting, Coating & Lining - Engineering Services.

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