

STORAGE TANK INSPECTION

Above ground storage tanks require regular inspection and maintenance to ensure safe operation, reduced risk and regulatory compliance.

SOLUTION

ARI provide API-653 or similar internal and external tank inspection solutions to satisfy both surveillance and compliance requirements.

End-to-end assurance or code compliance services include the following assessments:

External visual inspection: A detailed examination of the tank's external surfaces, including the shell, roof, and foundation, to identify signs of damage, corrosion, or other defects.

Internal visual inspection: A detailed examination of the tank's interior surfaces, including the floor, walls, and roof, to identify signs of corrosion, pitting, cracking, or other defects.

Tank bottom evaluation via Magnetic Flux Leakage: A thorough examination of the tank's bottom to identify any signs of corrosion, cracking, or deformation.

Ultrasonic thickness testing: To measure the thickness of the tank's shell, roof, and floor to identify any areas of thinning or corrosion.

Settlement survey: A survey of the tank's foundation to measure any settlement or movement that may have occurred and to identify any potential structural issues.

Leak testing: A test to detect any leaks in the tank's floor, roof or shell by using a vacuum pressure unit.

Weld inspection: A visual and non-destructive testing examination of new or existing welds in the tank's shell, roof, and floor to identify any defects.

DELIVERY

ARI can provide the inspection and evaluation of a wide variety of above ground storage tanks, including an engineering fitness for service, recommended best practice and advice on remediation and future recommended inspection frequency.



FURTHER INFORMATION

For further information of how ARI can assist your organisation with above ground storage tank inspections, please contact:

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