

# 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:

[info@ari.com.au](mailto:info@ari.com.au)