

## PROFESSIONAL SERVICES – MECHANICAL



### Above Ground Storage Tanks

API 653 is based on the accumulated knowledge and experience of owners, operators, manufacturers, and repairers of steel storage tanks.

Above ground storage tanks such as fuel tanks, molasses tanks, condensate tanks, juice tanks and ESJ tanks can be subject to periodic inspection as determined by API 653, as well as the typical commissioning or re-commissioning inspection, to ensure the continued integrity and safe operation of your plant and equipment.

As owner/operator you have ultimate responsibility for complying with the provisions of this standard.

### API 653 – Tank Inspection, Repair, Alteration and Reconstruction

The object of this publication is to provide guidance in the inspection, repair, alteration, and reconstruction of steel storage tanks used in the petroleum and chemical industries.

This standard provides minimum requirements for maintaining the integrity of welded or riveted, non-refrigerated, atmospheric pressure, above ground storage tanks after they have been placed in service. It covers the maintenance inspection, repair, alteration, relocation and reconstruction of such tanks.

EDMS Australia API certified inspectors conduct tank inspection and condition assessments within the procedures and plans of EDMS's Lloyds certified ISO 9001 and AS 4801 Quality and Safety Management System.

### HOW WE CAN HELP

EDMS will provide you with an Inspection Report for your storage tank with:

- External inspection checklist
- Internal inspection checklist
- Remaining thickness measurements
- Compliance assessment and certification to relevant statutory and regulatory Standards
- Additional testing requirements
- Maintenance, repair and replacement recommendations

The EDMS Inspection Report can also include owner-operator supplied information such as operating, maintenance and repair history.

For further information please contact EDMS Australia.