

API 653

ABOVEGROUND STORAGE TANK INSPECTION AND CERTIFICATION



murban inspection



Murban Inspection is one of the region's leading Aboveground Storage Tank (AST) inspection and certification companies with more than 10 years experience in the field. Strictly working to American Petroleum Institute (API) Standards 650 and 653, Murban provides the highest quality inspection and verification for safe and uninterrupted storage tank operation.

Dome or Floating tanks as well as Cryogenic and special designs that come under API or other reputed certification agencies can be inspected and certified to full international standards.

Typical AST inspection and verification programs comply both with API and statutory requirements and will normally include the following tests:

- **API 653 Inspector verification**
- **Tank Floor corrosion scanning by MFL**
- **Tank Floor thickness verification by UTM**
- **Tank Floor laser alignment for settling**
- **Tank Floor leak testing by Vacuum box and MT**
- **Tank structure and foundation survey**
- **Tank Shell inspection by UTM**
- **Tank Shell survey by laser and theodolite**
- **Tank shell banding, peaking and ovality verification**
- **Tank Roof visual and thickness testing by UTM**
- **Floating roof, seal and pontoon verification**
- **Tank coils and drains hydro testing**

Yearly, 5 yearly, 10 yearly and RBI based inspection intervals, as well as DB software allows for accurate and specific AST follow up and certification to comply with all client's requirements for safe and predictable operation of the storage tank.

Murban Inspection Services employs several API 653 certified inspectors and certifies several AST's every year, while maintaining the most advanced inspection/survey systems and inspector training, to conduct inspection and certifications to the highest standard.

