

# Bulk Liquid Storage Tank Management

## Life Cycle Optimisation for Above Ground Atmospheric Storage Tanks (AST)

13th - 14th November 2017  
Singapore

### Major Benefits of Attending

- **APPRECIATE** the fundamentals of Atmospheric Storage Tanks (AST) design
- **BE MADE AWARE** of innovative technologies designed to reduce / eliminate man-entry into the confined space
- **UNDERSTAND** how to dramatically reduce the time required to prepare your AST for inspection and repair
- **CONSIDER** the application of Non-Destructive Examination to assess the condition of your AST in both the on-stream and off-stream situation
- **ADDRESS** the decisions to be made when optimising your in-service storage life-cycle against the Repair Plan
- **EVALUATE** the scope of mechanical repairs to foundation, tank bottom, tank shell and roof
- **COMPARE** the value of upgrading your AST during the maintenance project.
- **LEARN** how it is possible to recover the valuable element of tank residues thereby reducing the volume / cost of off-site waste disposal and benefiting from the value of recovery

### Why you Should Attend?

Failing to maintain your AST's can have catastrophic results: - loss of asset, loss of product, cost of environmental remediation, adverse publicity and falling foul of your Government's Environment Agency to name a few, and we could add to this list the potential to cause loss of life.

In the recent past, 4 personnel were killed in an AST related incident in the UK, 8 in Kazakhstan, 2 in Singapore. How can our industry justify such a track record in the 21<sup>st</sup> century?

Learn how to avoid such incidents by effectively managing your above ground storage tanks.

### Who Should Attend?

This training is highly recommended for Managers and Engineers involved in the following capacities:

- ✓ Corrosion Control
- ✓ Health, Safety and Environment
- ✓ Inspection
- ✓ Loss Prevention
- ✓ Operations and Maintenance
- ✓ Technical and Mechanical
- ✓ Plant
- ✓ Production and Process
- ✓ Project Planning
- ✓ Tank Design
- ✓ Tank Farm
- ✓ Tank Repair
- ✓ Terminal Operations

It is also crucial for personnel involved in the operation and maintenance of storage tanks in these industries:

- ✓ Chemical and Petrochemical
- ✓ Oil and Gas
- ✓ Refineries
- ✓ LNG Terminals
- ✓ Power

Organized by: \_\_\_\_\_



WE SOLVE YOUR PUZZLE