

Underground FOL Storage Installations

CAPABILITY SHEET - BURIED TANKAGE + PIPEWORK + DISPENSING - DETECTION, GAUGING AND TIGHTNESS TESTING

THE INSTALLATION

WHAT	Underground fuel, oil and lubricant storage - the buried tank, its corrosion protection and anchorage, pipework, venting, dispensing and detection.
OUR ROLE	Tankage, pipework, dispensing, detection, controls, testing, commissioning and documentation. Civil works run with the customer's own agencies.
STATUS	Engineered to order; quoted across underground FOL tank, field storage-tank and scattered-installation requirements. No delivered installation is claimed.

THE GOVERNING IDEA

PROVABLE FROM OUTSIDE	Burying a tank moves every failure mode out of sight, so inspection is replaced by instrumentation - each mode gets a reading, not an assumption.
THE SOIL, NOT THE FUEL	The aggressive environment is outside the tank: coating plus cathodic protection with readable test posts, and a monitored interstitial space.
THE EMPTY TANK FLOATS	Uplift, not weight, is the load case. Straps and ballast slab are sized for the EMPTY condition against a saturated ground.

THE MACHINE

BURIED PIPEWORK	Fill, suction, vent and recovery lines with secondary containment, correct fall, and permanent test points that prove a line without excavation.
VENT + DISPENSE	Stacks at height with pressure and vacuum relief and flame arrestors; pump, meter, filter and water separator on a contained, bollarded plinth.
WATER	The contaminant a buried tank is guaranteed to collect, by condensation and ingress - measured separately, drawn off, and separated ahead of the nozzle.

DISTINCT & HONEST

SCATTERED IS SUPERVISION	Tanks spread across a station are not a tankage problem. Each needs containment, detection and gauging - and one console that sees them all.
PROVING FOR LIFE	Tightness testing at commissioning and periodically, interstitial and sump monitoring, automatic gauging, and inventory reconciliation.
ENGAGEMENT	Send the capacities, the number of locations and the site conditions to sales@neometrixgroup.com for a compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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