

MTCF[®] UNDERGROUND CORROSION SURVEYING

Mean-Time to Corrosion Failure (MTCF[®]) uses data collected from an underground corrosion survey to give a statistical determination of an underground storage tank's (UST) structural integrity. MTCF[®] provides the information necessary to devise a tank upgrade and replacement programme without needing internal inspection.

During the last 30 years, this system has been used in over 25,000 retail sites to help owners reduce maintenance costs and to protect them from the damage caused by leaks. It can also help to improve income from the sale of sites and reduce the risk to customer loyalty from environmental damage.

Benefits

- Could save up to £2 million in clear-up costs associated with a major fuel leak
- Reduces, by up to 70%, the cost of maintaining or replacing existing underground fuel storage and dispensing systems in your company owned sites
- Avoids disruption to your business and inevitable loss of customer loyalty caused by tank replacement or inspection
- Increases the attractiveness of retail sites designated for sale by reducing the buyer's perceived risk and speeding up sales
- Protects your brand image against the repercussions of a major fuel leak
- Helps to cope with the increasing pressure from government regulators

Information Collected From Site

- Tank ages, configurations, dimensions and construction materials
- Piping material
- Products stored in each tank
- Backfill composition
- Electrical isolation
- Stray DC current sources
- Site history
- Adjacent subsurface metallic structures
- All required information for cathodic protection design MTCF[®] Features
- Non-disruptive and non-invasive

MTCF[®] Features

- Clarifies your options
- Economical – lowers expenses and keeps station open
- Provides the corrosion assessment (A3.15) as described in the DEFRA Ground water protection code. "Petrol Stations and other fuel dispensing facilities involving underground storage tanks".
- Proven on over 100,000 tanks
- Uses data from 20 years of UST experience

Reports Provided:

Soil Reports:

Soil conductivity and pH
Moisture content
Chloride ion and sulphide concentrations

Analysis Reports:

Likelihood of corrosion failure
MTCF[®] calculation
Calculation of probability of localised corrosion
Recommendations for UST upgrading
Ranking of relative risk for UST populations
Cathodic protection design information

For further information please contact:

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