SIRON-DRY DELUGE TESTING

Clearwater Fire Solutions are exclusive UK agents for Siron Dry Deluge Testing. Siron Dry Deluge Testing offers the client the justification needed to prove to the HSE and regulatory bodies that the deluge system remains in a fit for purpose condition in between mandatory wet testing.

DDT allows the operator to have complete justification to extend the periods between wet deluge testing out to at least bi-annually, if not longer.

Siron Dry Deluge Testing (DDT) key benefits include:

- Testing is efficient and has no disruption to normal platform activities
- Preparation time for DDT is considerably less
- No water ingress protection is required over sensitive instrumentation or electrical equipment
- Pipe wall failures are easier to identify
- Deluge pipework remains dry mitigating corrosion
- No firewater is discharged onto live plant which eliminates risk of unplanned business loss or shutdowns due to water ingress
- Residual firewater from previous wet tests is displaced from the distribution pipework
- Sump/drain tanks will not overflow due to excessive firewater discharge
- No freezing of any firewater in water traps throughout deluge system
- No new corrosion, salt or marine growth will form in deluge pipework
- System is live throughout process and equipment does not impede flow path of firewater to protected area
- Blocked and partially blocked nozzles are quickly identified
- Damaged nozzles are quickly identified due to erroneous spray pattern during DDT
- Extensively field proven and used in Dutch offshore sector
- No complicated electronics are used and equipment has small footprint
- Less bedspace required resulting in cost saving to client
- Complete platforms can be tested in days rather than weeks
- Does not rely on systems being clean or having up to date hydraulic calculations and isometric drawings
- Brings a more scientific approach to all previously available inspection based dry testing procedures