

**CONSULTING  
RISK ENGINEERING  
RISK MANAGEMENT  
TRAINING**

Inspired Solutions LLC is the preferred network partner for Risk Engineering Associates and the reference for outsourced Risk Engineering Services for the international insurance market.

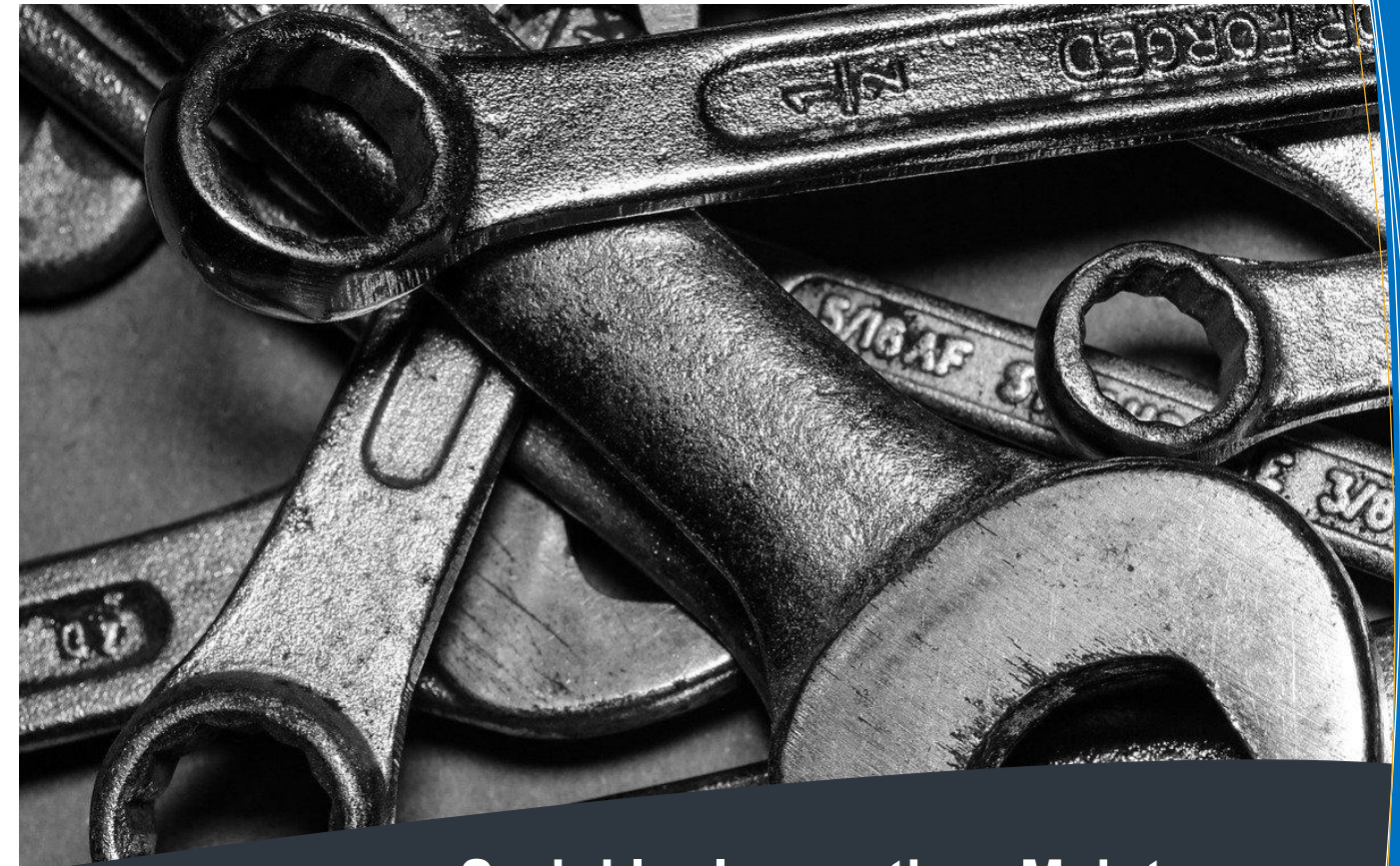
Inspired Solutions is your trusted network partner delivering highly flexible, effective and efficient Risk Engineering services.

Inspired Solutions offers a wide range of services geared towards the insurance market. The associates provide a broad spectrum of network management support, field services and training.

The team comprises a network of self-employed Risk Engineering Associates with a minimum of 20 years of working experience in the insurance industry, with proven competences and skills.



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**Sprinkler Inspection, Maintenance  
and Test Procedure  
Risk Engineering**

Consulting  
Risk Engineering  
Risk Management  
Training

# Sprinkler Test Procedure

## IMPLEMENT A SPRINKLER INSPECTION, MAINTENANCE AND TEST PROCEDURE

The effectiveness of sprinkler systems is highly dependent on the periodical inspection, maintenance and testing (IMT) of the system. The reliability and availability of the individual components of the system are to be assured.

Besides the annual checks by a sprinkler contractor, site representatives should conduct periodical checks and tests on the system in a systematic way.

Maintenance and replacement of parts of the sprinkler system should always be conducted by a competent sprinkler contractor.

Inspection and testing should follow the guidance provided and be recorded on a sprinkler test record card for each of the main components.

## HOW TO REPORT AN IMPAIRMENT

In case of temporary impairment of the sprinkler system, please apply the impairment notification procedure. Impairments are notified to the insurer through an Impairment Notification form.

Inspired Solutions LLC provides the impairment notification service through email and the impairment notification form: [Inspired Solutions Impairment Notification Form](#)

## ‘The perception of risk is driven by experience’

### WEEKLY CHECKS

- All valves which control water supplies are secured in the open position by a padlock secured strap
- An adequate number of spare sprinkler heads and a spanner is available
- The water is at the correct level in pump suction tanks, reservoirs, air pressure tanks, gravity tanks and pump priming systems. Town’s main systems are at the right pressure.
- All valves operate efficiently.

### WEEKLY TESTS

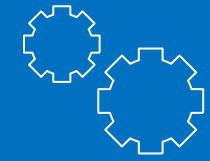
If there is a direct connection between the premises and the fire brigade or central alarm station, advise should be given that a test is to take place prior to carrying out the test.

Carry out the test as described in the sprinkler test card.

Ensure that engine oil, fuel oil and water cooling systems are maintained at their correct level. Batteries must be charged.

All sprinkler pumps must be exercised:

- The pumps must be started automatically by reduction of water pressure, by either opening the 15mm test valve or by opening the test valve arrangement.
- In case of diesel driven fire pumps, the engines must be exercised for a period of 30 minutes to ensure that there is no danger for overheating of the engine. Following the 30-minute test the diesel engine must be started manually.
- Electric driven pumps must be run for minimum 10 minutes every week.



### RISK ENGINEERING

Inspired Solutions offers hands-on risk engineering services comprising field-oriented services, distant interactive assessment (DIA), plan and project review, risk improvement follow-up and account engineering.



### RISK MANAGEMENT

The risk management services of Inspired Solutions include Business Continuity related services like defining the Strategic Risk Management approach, Business Impact Analysis, Hazard Analysis and Total Risk Profiling.



### TRAINING

The training package of Inspired Solutions can be tailored to the needs of an organization and ranges from basic risk engineering activities to detailed risk management support for top management.