

**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.



Sennweidstrasse 43  
CH-6312 Steinhausen  
Switzerland  
info@inspiredsolutions.ch  
www.inspiredsolutions.ch



**Hot Work Procedure  
Risk Engineering**

Consulting  
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Risk Management  
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# Hot Work Procedure

## IMPLEMENT A HOT WORK PROCEDURE

Hot works like welding, grinding, paint stripping and roof works are not routine works. Hot works are often needed and conducted in areas that are not intended for this purpose. Hot work equipment is mobile and easily brought anywhere at a location being it inside a building or at the roof of a facility.

Managing these works effectively could prevent a fire from happening.

Experience shows that hot works are often the source of ignition for large fire losses conducted by contractors. Any contractor coming on site is bringing their own equipment. Checking the safety of the equipment and tools is part of an effective hot work procedure.

Managing the competences and skills of the contractors is also part of an effective permit to work procedure.

## HOW TO REPORT AN IMPAIRMENT

Hot works could result in undesired fire alarms. It might therefore be required to temporarily impair a safety or security system. In that case, please apply the impairment notification procedure.

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’

## CONDUCT A RISK ASSESSMENT

Issuing a hot work permit starts with conducting a risk assessment:

- Is a less hazardous work method available?
- Can the hot work be conducted outside or in a designated area?
- Is the workplace free from combustible materials and/or flammable liquids or gasses?
- Are specific conditions applicable like confined space or high energy sources that require lock out / tag out?
- Is a supervisor or fire watch required during the works and for a safe period following the works?
- Is additional training required for those conducting or supervising the work?
- Are specific safety and security systems in place that would require temporary impairment?
- Is the hot work permit adequate to safely conduct the works or are additional measures applicable?

## WORK AREA INSPECTION

Before any works commence, a last-minute risk assessment should be conducted at the workplace. This to assure that the presumed conditions have not changed, and the requirements of the hot work permit are met.

Periodical checks by a supervisor or dedicated fire watch during the works should be scheduled and officially signed off.

## FINAL WORK AREA INSPECTION

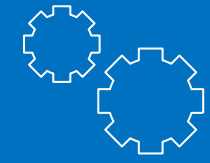
A final work area inspection is required to assure that there are no signs of fire in the area where the works were conducted. Furthermore, all fire alarm detectors that were isolated during the works are reinstated.

Last but not least, it should be verified that the works are completed in accordance with the permit.



## Hot Work Permit

A template for assessing the risk and creating a hot work permit can be found here: [Inspired Solutions Hot Work Permit](#)



## 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 such as 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.