

Water mist for travelling oven protection

International Water Mist Association

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Zurich Risk Engineering









Travelling ovens







Property Assessment - Fire

A site based assessment considering property fire exposures and their controls

Construction	Fire divisions Building combustibility	
Management programs	Hot work / contractor controls Housekeeping & smoking controls Training Maintenance practices Management programs	
Fixed fire detection and protection	Fixed fire protection incl. sprinklers Fire detection	
Utility and incidental hazards	Electrical systems and equipment Heating & cooling Incidental hazards	
Process hazards	Control of process hazards Flammable liquids, gases and dusts	
External exposures / arson	External exposures Arson Yard storage	
Manual fire fighting	Fire team Fire brigade & water supply	

Conducted by a Zurich risk engineer, the assessment would include discussions with site staff to understand site exposures and controls, a detailed tour of the site and closing meeting to communicate initial findings, considering:

Loss estimates

To identify the potential loss from a fire event + also Natural Hazards, Business Interruption, Machinery Breakdown.

Grading

To assess risk quality Risk improvement actions To improve risk quality







Property Assessment (Fire) - Risk Grading

Free App – Zurich Risk Advisor

∞∞ EE ≑ ZURICH What IF	15:32 ? Risk Grading App		Property	r ∦ 72%∎ γ - Fire
As is To Be	Fire Divisions Building Combustibility Hot Work / Contractor Controls Housekeeping & Smoking Control Training Employees Regarding	Fire Divisions Not assessed due to lack of information		
25 50 75	Date of Assessment: 3 Feb 2015 Assessed by:			RISK GRADING: PROPERTY - FIRE (JUL 11)
166 100	Risk Factor Fire Divisions Building Combustibility	As Is B B	To Be B B	As Is To Be
150	Hot Work / Contractor Controls	D	В	Α
00 175	Housekeeping and Smoking Co		В	B 88688
	Training Employees Regarding Maintenance Procedures	Safety D B	B	с
0 t	Management Practices	C Sprinklers C	B	D
	Fixed Fire Protection Including S	D	В	217 135

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Zurich Recognised Technology Fit for Purpose

The terms approved, certified, and listed are used interchangeably







Challenges

Specification

- Pump N + 1
- Pump power supply
- Detection
- ITM
- Listed/certification components
- FHC
- Test data
- Cause and effect logic
- Will it work?
- Contractor competency
- Plan review AHJ







Zurich Recognised Technology





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