




Risk Improvement Guide

Fire System Impairments



The contents of this communication or document is confidential to Placed Risk Pty Ltd (**PRS**) and has been prepared for the intended recipient only. You must not share it with any third party without PRS prior written consent, unless compelled by law.

(Liability) All liability arising from any actions or decisions taken based on information contained in this communication or document is excluded in accordance with the disclaimers contained in any agreements PRS has entered into with you and the consultancy client terms and conditions on our website and accessible here: www.placedrisk.com

(Reliance on information) This information contained in this communication or document is general information only based on the information provided by you. PRS does not guarantee, confirm or verify the accuracy, currency or completeness of the information provided to it. PRS is not responsible for any fault or error which results from the incompleteness or inaccuracy of the information provided to PRS for the purposes of preparing this communication or document.

(No legal, financial, business or specialty advice) The contents of this communication or document are not intended to be a substitute for legal advice, financial advice or any other specialty advice (including, but not limited to, engineering advice) of any kind and it should not be relied on as such. You should obtain specific financial, legal or other professional advice before relying on the contents of this communication or document. By not seeking such advice, you accept the risk that the information contained in the communication or document may not meet the specific objectives of your business.

(Outcome not guaranteed) The contents of this communication or document are opinion only and based on the experience of PRS. PRS does not guarantee any particular decision from any third party on any issue if you choose to rely on the information enclosed. You acknowledge and agree that any such decision, result, or outcomes are subject to factors to beyond the control of PRS. Before relying on the contents of this communication or document, you agree that you have conducted your own independent assessment and evaluations in accordance with your business needs.

(No representations or warranties) PRS expressly disclaims any warranty or representation that reliance on the contents of this communication or document will ensure compliance with any regulations, industry standards or other law or that every possible risk, hazard or scenario has been identified. Unless specifically stated otherwise, this communication or document should not be relied upon as a certificate, statement, or record of servicing, maintenance, repair, or installation of any system, equipment, premises, or building.

Managing Fire System Impairments

Fire detection and protection systems are your primary defences against fire. Operational failure of these systems during a fire could result in the loss of entire sites, impacting supply chains, existing customer commitments and employees.

An impairment occurs when a fire detection or protection system is fully or partially isolated or placed offline for any reason including maintenance.

Components of a fire detection or protection systems subject to impairment management include (however are not limited to) the following:

- Automatic sprinkler systems
- Fire detection systems
- Fire protection water supplies
- Fire pumps
- Fire tanks and mains
- All automatic fire extinguishing or suppression systems
- Fire alarms
- Fire doors, fire curtains and other fire safety systems

To ensure the return on investment from your fire detection and protection systems, whilst also minimising the chance of propagating fires during an impairment, complete the PRS Impairment Management Permit prior to any isolation or placing a system offline.

The PRS Impairment Management Permit is a guide only and may not satisfy every underwriter's requirements. Please use the Other Precautions Section to include additional precautions and requirements.

PRS Fire System Impairment Permit

This permit is to be used 24 hours prior to system isolation and completed upon system restoration.

Business Name:

Site Address:

Area Impaired:

System(s) to be isolated:

- ☐ Automatic Sprinkler System ☐ Hydrant System
- ☐ Fire Detection System ☐ Fire Alarm System
- ☐ Other (please describe):

Reason for isolation:

This permit is valid from
Date: Time: AM/PM

Name and signature of permit authoriser

.....

Precautionary Checklist (Permit Authoriser to Complete)

- ☐ Emergency Response Team notified
- ☐ Fire Department notified
- ☐ Hot Works prohibited
- ☐ Hazardous operations and processes isolated/ shut down during the impairment
- ☐ Smoking restricted
- ☐ Fire hoses or process water hoses laid out and charged
- ☐ Fire extinguishers and fire blankets prepared
- ☐ Other precautions (please describe):

Completion of Work (Permit Authoriser to Confirm)

- ☐ Impaired fire systems reinstated, returned to service and operational
- ☐ Valves fully opened and locked in the open position
- ☐ Main drain test performed

Date: Time: AM/PM

Name and signature of permit authoriser

.....