

Loss prevention standards

Fire Safety Inspections

Fire safety inspections in the workplace are an **important part of every organisation's loss prevention strategy**. Eliminating hazards can improve operational efficiency and provide a safer environment for employees.



Fire Safety Inspections



Introduction

Having a formal system of regular inspections will help to identify potential hazards and allow corrective actions to be implemented. Individuals undertaking the inspections should be competent, suitably trained and familiar with the premises, its hazards and operations.

Inspections should be conducted on a regular basis – generally weekly, although this could be extended to monthly for less hazardous areas, and they should include both internal and external areas of a site. The frequency of inspections will vary for different organisations.



Retaining Inspection Records

The results of each inspection and the subsequent corrective actions should be recorded and kept for any future use, such as audits, with remedial actions completed without delay. The findings should be shared with members of the management team to ensure they are aware of any recurrent problems and allow them to provide the right level of support.

Checklist

A generic Fire Safety Inspection Checklist is presented in Appendix 1, which can be tailored to your own organisation.

Specialist Partner Solutions

Aviva Risk Management Solutions can offer access to a wide range of risk management products and services at preferential rates via our network of Specialist Partners.

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[Aviva Risk Management Solutions – Specialist Partners](#)

Additional Information

Relevant Aviva Loss Prevention Standards include:

- Housekeeping – Fire Prevention

To find out more, please visit [Aviva Risk Management Solutions](#) or speak to one of our advisors.

Email us at riskadvice@aviva.com or call 0345 366 6666.*

*Calls may be recorded and/or monitored for our joint protection.

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Appendix 1 - Fire Safety Inspection Checklist



Location	
Date	
Completed by (name and signature)	

	Housekeeping	Y/N	Comments
1.	<p>Waste:</p> <ul style="list-style-type: none"> • Is waste removed at the end of each shift? • Are suitable waste containers provided and used? • Are rags and paper impregnated with flammable, greasy or oily material, kept in metal containers with self-closing lids? • Are arrangements adequate for the cleaning of dust and oil deposits? • Is waste removed from site, including the yard, at an appropriate frequency? • Is waste appropriately segregated? • Are recycled batteries housed in a non-combustible container? • Are waste storage arrangements adequate? • Are any external skips or bins, etc.: <ul style="list-style-type: none"> ○ Non-combustible? ○ At least 10m from any building, site equipment or smoking shelter? ○ Appropriately located in relation to the site perimeter? ○ Secured and covered? 		
2.	<p>Storage:</p> <ul style="list-style-type: none"> • Are aisles within storage areas kept clear? • Is storage located well clear, e.g. at least 1.5m, of heat sources, such as lighting, heaters, battery charging areas, electrical cabinets, etc.? • Is there any unnecessary storage of items within operational areas? 		

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3.	<p>Emergency escape routes:</p> <ul style="list-style-type: none"> • Are emergency exit doors in good condition and not obstructed? • Are emergency exit routes clearly identified and free from obstruction, internally and externally? • Are fire action notices clearly displayed and suitable instructions noted? 		
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	Ignition Sources	Y/N	Comments
4.	<p>Smoking:</p> <ul style="list-style-type: none"> • Are designated smoking areas appropriately managed and maintained? • Are adequate controls in place including signage and designated/restricted external areas? • Is smoking waste and 'ordinary combustible waste' segregated? 		
5.	<p>Hot work:</p> <ul style="list-style-type: none"> • Is hot work avoided unless essential? • Is a formal permit system used for all hot work applications? • Is hot work undertaken in accordance with the permit system? • Has training been provided to relevant individuals in respect of the permit system, including operatives and supervisors? 		

6.	<p>Electrical equipment:</p> <ul style="list-style-type: none"> • Is the wiring and electrical equipment visually in good condition? • Is the electrical equipment cool, clean and dry? • Is temporary wiring used and is it appropriate? • Is there any evidence of trailing leads not secured or damaged cables? • Are Portable Appliance Test stickers apparent on all portable appliances? • Is there a policy for all portable items brought in from home, e.g. mobile phone/E-cigarette chargers, etc.? Are hair straighteners prohibited? • Is there at least 1.5m clear space around all electrical panels and are all panel covers closed? • Are electrical rooms/plant rooms/IT rooms free from combustible materials, and secure with restricted access? • Are battery charging areas maintained free from combustible materials and totally sterile? • Is emergency lighting operational and regularly tested? 		
7.	<p>Control of contractors:</p> <ul style="list-style-type: none"> • Have the company's safety policies been communicated to all contractors? • Is direct supervision provided? 		
8.	<p>Heating:</p> <ul style="list-style-type: none"> • Is heating equipment in good working order and maintained under contract? • If appropriate, are fusible link fire cut-off valves in good condition? • Are shut-off valves readily accessible? • If temporary heating is being used, has it been authorised and is it being used safely? • Is there at least 1.5m clear space around all heaters? <p><i>The use of propane or liquid fuelled heaters should be avoided. If used, they should ONLY be used under control of the hot work management system.</i></p>		

9.	<p>Change and impairment management:</p> <ul style="list-style-type: none"> • For any identified changes, is the Change Management procedure being initiated? • Are existing impairments being monitored to ensure that all fire protection and detection systems are returned to service? 		
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	Construction	Y/N	Comments
10.	<p>Fire compartmentation:</p> <ul style="list-style-type: none"> • Are floors and walls adequately fire-stopped? • Are fire doors and shutters marked as such, operable, closed (other than those with release devices) and in good condition? • Are fire doors and shutters regularly tested to close upon activation of the fire detection system or other designed means? • Is access to roof voids restricted and secure? 		
11.	<p>Condition:</p> <ul style="list-style-type: none"> • Is there any sign of damage, wear and tear to the building? • Are roofs and gutters clear of debris and in good condition? • Are floors and walls in good condition? • Is any lightning protection in good condition, e.g. clips, conductors, etc.? 		
12.	<p>Combustible-cored composite panels:</p> <ul style="list-style-type: none"> • Are all panels adequately sealed and labelled? • Has any damage to the panels been identified? • Is it ensured that no hot work is undertaken in the vicinity of the panels? • Are combustible materials or flammable liquids stored near to the panels? 		

	Occupancy and Hazards	Y/N	Comments
13.	<p>Flammable liquids/gases and combustible dusts:</p> <ul style="list-style-type: none"> • Has a DSEAR (Dangerous Substances and Explosive Atmospheres Regulations) assessment been completed recently? • Are Material Safety Data Sheets (MSDS) readily available? • Is the quantity and use of such materials limited to one shift in production areas, and is it correctly stored? • If so, do they have suitable firewalls and doors, appropriately rated electrical equipment, drainage/containment, ventilation, gas/vapour leak detection, explosion venting, etc.? • Are flammable liquid storage cabinets provided, where needed? • Are dispensing arrangements satisfactory, e.g. safety cans, drip trays, earth bonds, clear of sources of ignition, etc.? • Are gas cylinders chained upright to prevent them from falling and are hoses, valves and fittings in good condition? • Are appropriate flammable liquid and gas storage rooms provided where required? 		
14.	<p>Kitchen cooking systems:</p> <ul style="list-style-type: none"> • Is extract ducting regularly inspected and cleaned? • Are removable grease filters regularly cleaned, at least weekly? • Are power and gas isolation systems in place and readily accessible? • Are nozzle caps in place and free from grease? • Are there any items such as utensils, pots, pans, cooking materials, etc., stored in areas that may obstruct the fire suppression discharge? • Is the alarm subject to regular maintenance and testing? 		

	Protection	Y/N	Comments
15.	Fire alarm systems: <ul style="list-style-type: none"> • Are there any faults or impairments to the fire alarm system? • If the fire alarm has an associated printer, is there paper available? • Is the system tested weekly and is it audible in all areas of the premises? • If connected to a remote alarm or an attended location, is the signalling regularly checked? • Are the alarm panel batteries in good condition and tested? • Is the alarm subject to regular maintenance and testing? • Are detectors operational and clear of obstructions? • Are regular documented evacuation drills completed, covering all shift patterns? 		
16.	Portable fire extinguishers: <ul style="list-style-type: none"> • Are there sufficient numbers of appliances that are adequate for the hazards? • Are they in good condition, pressurised, accessible and regularly serviced? • Are any appliances missing? • Is training in their use regularly provided to designated personnel? 		
17.	Hose reels: <ul style="list-style-type: none"> • Are there sufficient numbers of hose stations and is coverage adequate? • Are they in good condition (not leaking), well-marked, accessible and regularly tested? 		
18.	Fire hydrants and emergency services access: <ul style="list-style-type: none"> • Are hydrants well marked and accessible, serviced and visually in good working condition? • Are they flushed annually and is flow and pressure test data available for the public water supply? • Is there good access to all areas of the site for the Emergency Services? 		

19.	<p>Automatic sprinkler systems:</p> <ul style="list-style-type: none"> • Is the system operational? • Are weekly valve tests undertaken, including pumps, if applicable, with test cards marked up? • Is the system subject to regular maintenance? • Are fire pump fuel tanks at least ¾ full? • If connected to a remote alarm or attended location, is the signalling regularly checked? • Are valve sets kept clear and strapped secure? • Are valve/pump rooms adequately secured? • Are valve/pump rooms clean and clear from oil/fuel leaks deposits? • Are pipework and sprinkler heads in good condition? • Are spare sprinkler heads available? • Is building heating adequate to prevent freezing of the pipework, i.e. to maintain the temperature above 4°C? • Is air pressure adequate on all dry pipe sprinkler systems? • Is the space between the sprinkler heads and height of the storage configuration adequate? 		
20.	<p>Gaseous and water mist extinguishing systems:</p> <ul style="list-style-type: none"> • Are all systems in service? • Are alarm panel batteries in good condition? • Are agent cylinders full and pressure gauges operating? • Is the system subject to regular maintenance and testing? • Is the integrity of the protected rooms/enclosures adequate in respect of openings and penetrations, to prevent a gas suppression agent escaping too quickly? • Has a room integrity test been completed in the last 12 months? 		
21.	<p>Security and arson:</p> <ul style="list-style-type: none"> • Is the perimeter fencing and lighting in good condition? • Are door and window locks operating correctly and used when the premises are closed? • Are there procedures in place for locking-up the premises? • Is the intruder alarm maintained, operational and are detectors clear of obstructions? • Is access to the site adequately controlled? • Has the threat of arson and malicious damage been considered? 		

22.	Additional comments:
23.	Actions outstanding/repeated from previous inspections:

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