



# MALTESE FIRE INSPECTIONS LTD.

**CERTIFIED FIRE INSPECTORS**

#302 – 1120 9<sup>th</sup> Ave NE  
 Swift Current, SK S9H 2S9  
 Phone: 306.773.1991

Email: [maltese-fire-inspections@hotmail.com](mailto:maltese-fire-inspections@hotmail.com)

Web: [www.maltese-fire-inspections.com](http://www.maltese-fire-inspections.com)

## **COMMON DEFICIENCY ITEMS FOUND DURING COMMERCIAL AND INDUSTRIAL FIRE AND LIFE SAFETY INSPECTIONS**

*Maltese Fire Inspections Ltd. will have the pleasure of conducting a fire and life safety inspection of the businesses on behalf of, and located within, the RM of Swift Current No. 137. To prepare for your inspection, please refer to this list of common deficiency items which are typically found.*

*We will call you to arrange a suitable date and time, and to confirm your information. These items can be addressed by you before our meeting. We will do our best to make the process as simple and convenient as possible for you.*

*Feel free to contact us and we will be happy to answer your questions.*

<b>ITEM</b>	<b>DEFICIENCY</b>	<b>REMEDY</b>
<b>1. Fire Extinguishers</b>	<i>Insufficient size and type</i>	Must be a minimum 5 lb 2A10BC.
	<i>No current inspection tag</i>	Must have an annual maintenance inspection, 6-year service tests, and 12-year hydrostatic tests.
	<i>Not properly mounted</i>	Must be mounted off the floor, and top of extinguisher be no higher than 1.5m (5') and mounted in conspicuous locations, ideally near exits.
	<i>Insufficient number of extinguishers</i>	There can only be a maximum of 22.7m (75') travel distance between extinguishers.
<b>2. Emergency Lighting</b>	<i>No emergency lighting</i>	Must have emergency lighting to illuminate all exits and corridors leading to exists, as well as in a commercial cooking kitchen. Emergency lighting can be plug-in type or hardwired.
	<i>Emergency lighting does not work</i>	Replace batteries or entire unit if needed.
	<i>No monthly testing</i>	Emergency lighting must be tested monthly to ensure it is operational, and records maintained. Press test button or interrupt power supply.
	<i>No annual testing</i>	Emergency lighting must be tested annually to ensure it is operational, and records maintained. Interrupt the power supply for a minimum of 30 minutes annually.
<b>3. Exit Signage</b>	<i>No signs or insufficient number of signs</i>	Exit signs must be placed in buildings that are more than 2 storeys in building height, buildings with an occupant load of 150 or greater, and buildings with a fire escape.
	<i>Burned out light bulbs</i>	Replace light bulbs.
<b>4. Smoke Alarms - Hotels, Motels, Bed and Breakfasts</b>	<i>No smoke alarms</i>	Smoke alarms must be installed in each sleeping room and in hallways serving a sleeping area.
	<i>No record of tests</i>	Battery-operated smoke alarms must be tested monthly, battery must be changed annually, and records maintained. Hard-wired smoke alarms must be tested annually and records maintained.
	<i>Smoke alarms not working</i>	Replace battery or smoke alarm.
	<i>Smoke alarms outdated</i>	Replace smoke alarms that are 10 years old.

ITEM	DEFICIENCY	REMEDY
<b>5. Carbon Monoxide Alarms – Hotels, Motels, and Bed and Breakfasts</b>	<i>No carbon monoxide alarms</i>	Carbon monoxide alarms must be installed in sleeping areas where fuel fire appliances are used.
	<i>Improper placement</i>	Must be installed in a sleeping room or, if sleeping room is served by a corridor, can be installed in corridor within 5m of the sleeping room.
	<i>No record of tests</i>	Battery operated carbon monoxide alarms must be tested monthly, batteries must be changed annually, and records kept. Hardwired carbon monoxide alarms must be tested annually and records kept.
	<i>Carbon monoxide alarms not working</i>	Replace batteries or unit.
	<i>Carbon monoxide alarms outdated</i>	Replace carbon monoxide alarms that are 10 years old.
<b>6. Electrical Hazards</b>	<i>Improper use of extension cords</i>	Extension cords are for temporary use only. They must not be strung across areas where they may be damaged.
	<i>Overloaded electrical outlets</i>	Properly use power bars.
	<i>Open and bare electrical wiring</i>	Wires must be enclosed in proper electrical outlet, conduit, and covers.
<b>7. Exits</b>	<i>Blocked or obstructed exits and corridors leading to exits</i>	All exits and corridors leading to exits must be free and clear of obstructions.
	<i>Improper exit door hardware</i>	Must use single motion door latching hardware. Dead bolts and thumb locks are not permitted.
<b>8. Combustible Storage</b>	<i>Improper storage</i>	Must not keep excessive amounts of combustible materials, and they may not be stored near potential sources of ignition.
<b>9. Propane Bottles and Tanks</b>	<i>Improper storage</i>	Cannot be stored indoors and storage area or must be separated by a fire separation meeting the requirements of the National Building Code. Must be stored and used in accordance with CAN/CSA B149.2-B149.1.
<b>10. Compressed Gas Cylinders</b>	<i>Not secured</i>	Must be secured so as to prevent damage of the cylinder and its components.
<b>11. Indoor Storage of Flammable Liquids and Dangerous Goods</b>	<i>Improper and excessive storage</i>	Must meet the storage and handling requirements of the National Fire Code and National Building Code of Canada.
<b>12. Occupant Loads – Assembly Occupancies and Rooms</b>	<i>Signs not posted</i>	Occupant load signs must be posted in occupancies that have a load that exceeds 60 persons.
	<i>No fire escape plan</i>	Must have a fire escape plan for occupancies with a load that exceeds 60 persons.
<b>13. Hazardous Activities</b>	<i>General fire hazards</i>	Activities that create a hazard and that are not allowed for the original design of the building shall not be carried out in a building unless provisions are made to control the hazard in conformance with the National Fire Code.
	<i>Improper housekeeping</i>	Interior and exterior spaces must not be excessively cluttered and messy, such that it can lead to the ignition of a fire and/or rapid and intense spread of fire.

\* Please note that the above items are a list of commonly found deficiencies during fire and life safety inspections of commercial and industrial occupancies. It does not represent a complete list. Each occupancy is unique and has the potential to have deficiencies that are not described here.