



### Physical Security Directive - Security Level 10

Section	Directive on Physical Security Requirements for Controlled Substances and Drugs Containing Cannabis	Information indicating how the requirements of the Directive for Security Level 10 are met	Included in Floor Plan	For Office Use Only Requirement Met
<b>4.11.1.3</b> <b>Minimum Electrical Detection Requirements</b>	a. A smoke detector installed inside the vault.			<input type="checkbox"/>
	b. Sufficient detectors to indicate when there is an unauthorized attempt to access, penetrate, remove, or open the vault or safe.			<input type="checkbox"/>
	c. Detectors which will indicate when there is an unauthorized opening of the vault or safe door or any attempt to circumvent the detector is made.			<input type="checkbox"/>
	d. All vault and safe alarms on one zone which is separate from other detection devices installed in the warehouse.			<input type="checkbox"/>
	e. Vault or safe alarm equipment is to be monitored by a U.L.C. (Underwriters Laboratories of Canada) approved central monitoring station. When such service is unavailable the Office will consider alternates.			<input type="checkbox"/>
	f. Grade double "A" Line supervision.			<input type="checkbox"/>

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	g. All alarm control boxes are to be mounted inside the vault or safe and possess either a keyed time delay circuit or digital code call in.			<input type="checkbox"/>
	h. Proximity detector (capacitance detector), if used in conjunction with a safe, must be placed either inside or underneath the safe whenever feasible.			<input type="checkbox"/>
	i. Complete exterior electrical detection of the walls and ceiling with motion detectors or approved alternate detectors to provide effective movement detection of the 0.6 metre clear area as defined in 4.11.1.7.			<input type="checkbox"/>
	j. Electrical detection equipment is required for caged area.			<input type="checkbox"/>
	k. Additional detection equipment as required. When the building lacks complete perimeter security coverage, the room which contains the vault must have sufficient electrical detection equipment to indicate an unauthorized attempt to access this area.			<input type="checkbox"/>

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4.11.1.4	All electrical conduits for the alarm system, security equipment, lighting, telephone, etc. shall be in accordance with any applicable electrical code. All conduit entering the walls, ceiling, or floor shall have at least one offset within the vault structure. Arrangement of bends shall be so that drainage is to the exterior. Conduit shall not exceed 3.8 cm (1 1/2") diameter.			☐
4.11.1.5	The secure environs if they include a vault, safe or caged area, are to be located at least 1 metre (3') from any outside wall if located on a ground floor or an accessible roof. The Office may consider certain conditions to be equivalent to the 1 metre (3') requirements. These conditions may be in the form of another building in close proximity to the secure environs, ditches, cement pylons, etc. The 1 metre (3') requirement applies, regardless of the distance from the ground or accessible roof, if construction is to be against a wall which is common to another company.			☐

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<p><b>4.11.1.6</b></p> <p><b>Ventilation</b></p>	<p>Openings in the vault for ventilation or air conditioning must not reduce the overall security of the vault. In instances where either a circulation of air or air conditioning is necessary, one of the following conditions must be met:</p>			<input type="checkbox"/>
	<p>A. Openings must have one dimension 15 cm (6") or less and the total area of the opening cannot exceed 619 cm<sup>2</sup> (96in<sup>2</sup>).</p>			<input type="checkbox"/>
	<p>B. The opening or duct work must be protected by the installation of N° 5 (15 mm (5/8")) steel reinforcing rods securely anchored into the wall on 15 cm (6") centers and horizontally reinforced on 40 cm (16") centers, or a grill.</p>			<input type="checkbox"/>
	<p>C. If a grill is to be used it is to be constructed of either N° 5 (15 mm (5/8")) steel reinforcing rods on 15 cm (6") centers and</p>			<input type="checkbox"/>

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	horizontally reinforced on 40 cm (16") centers, or 3.5 mm (10 gauge) expanded metal mesh, welded into a 6 mm (1/4") metal frame. The frame is to be securely anchored to the wall.			
4.11.1.7	A clear area of 0.6 metres (2') around vault to be used for the inspection and detection purposes shall be maintained around all safes and vaults in this category.			☐
4.11.2.1 Walls/ Ceiling/ Floor (Floor on grade)	a. Poured concrete 45 cm (18") in thickness which should develop an ultimate compression strength of at least 20.7 MPa (3000 lb/in <sup>2</sup> ) minimum.			☐
	b. Wall reinforcement requires 4 grids of N° 5 (15 mm (5/8")) deformed steel. Reinforcing rods are located on 10 cm (4") centres in horizontal and vertical rows to form one of the required grids. If expanded steel bank vault mesh is used, 3 grids of the mesh are required. This steel mesh is to weigh 29 kg/in <sup>2</sup> (6 lb/ft <sup>2</sup> ) per grid and to have a diamond pattern of 7.5 cm x 20 cm (3" x 8").			☐

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	c. Grids are to be located not less than 10 cm (4") apart and shall be staggered in each direction.			<input type="checkbox"/>
	d. Due to the weight of the walls/ceiling a supporting foundation may be required.			<input type="checkbox"/>
<b>NOTE</b>	The above is an indication of the minimum security required for this level. A laminate type of vault using steel and poured concrete/cement blocks may be considered by the Office to be equivalent to the above vault.			<input type="checkbox"/>
<b>NOTE</b>	A cage is to be used in conjunction with this vault and will extend completely around the vault with a 0.6 meter (2') standoff. This <b>clear area</b> is not to be used for the storage of controlled substances or drugs containing cannabis.			<input type="checkbox"/>
<b>4.11.2.2</b> <b>Door</b>	a. Minimum of 2.5 cm (1") steel on the face of this force resistant type door.			<input type="checkbox"/>
	b. Combination lock is to be changeable and manipulation proof with at least 3 tumblers and equipped with a spy proof dial.			<input type="checkbox"/>

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	c. The lock combination is to be stored in a secure location and changed yearly, or when a person knowing the combination no longer requires it.			<input type="checkbox"/>
	d. Door to have relocking device.			<input type="checkbox"/>
<b>4.11.3.1</b> <b>Safe</b>	If a safe is to be used for level 10 security it is to be a burglar resistant type which has been U.L.C. (Underwriters Laboratories of Canada) rated at a level TXTL-60X6.			<input type="checkbox"/>
<b>4.11.3.2</b>	This class of safe may not be easily acquired but can be purchased on a special order. The Office may consider a combination of two or more safes to be equivalent to level 10 security requirement depending on U.L.C. ratings of the safes being used.			<input type="checkbox"/>
<b>4.11.3.3</b>	The safe is to be located in a caged area which meets the requirements described in Appendix D.			<input type="checkbox"/>

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4.11.3.4	The caged area described in 4.11.3.3 must be located in a locked room.			<input type="checkbox"/>
4.11.3.5	If the safe is equipped with a combination lock, the lock combination must be stored in a secure location and changed yearly, or whenever a person knowing the combination no longer requires it.			<input type="checkbox"/>
4.11.3.6	The safe is to be anchored to the floor in such a manner that it cannot be removed without first opening the door.			<input type="checkbox"/>
4.11.4.1 <b>Cage</b>	Only finished products listed in Appendix D may be held in a caged area. Appendix D also identifies the requirements for both the cage's construction and its electrical detection equipment.			<input type="checkbox"/>



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<b>5.1.1.1</b>  <b>Cage</b>	The caged area is to be located at least 1 metre (3') from an outside wall if located on a ground floor or accessible from a roof. The Office considers a common wall shared with another firm to be an outside wall, therefore, a 1 metre (3') free area is required. The Office may consider equivalents to the 1 metre (3') free area (see examples 4.5.1.5).			<input type="checkbox"/>
<b>5.1.1.2</b>	The caged area must be located in a locked room.			<input type="checkbox"/>
<b>5.1.1.3</b>	There must be sufficient electrical detection to detect unauthorized movement within the caged area.			<input type="checkbox"/>
<b>5.1.1.4</b>	Cage door or gate to be secured with an approved padlock (see Appendix E) or its equivalent.			<input type="checkbox"/>

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5.1.2.1	The walls and ceiling of a caged area must be constructed of 3.5 mm (10 gauge) rolled and flattened metal mesh which has 2.5 cm x 5 cm (1" x 2") diamond shaped openings securely fastened together. If the existing floor and ceiling are to be used then the walls are to extend from structural floor to structural ceiling. The gate or door must provide force resistance equivalent to that of the walls and ceiling and be equipped with electrical door contacts.			<input type="checkbox"/>