



For more information on this bulletin or other requirements, please contact

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Repair and Service Garages

***A guide to the by-law
requirements for garages
and vehicle service areas***

Every effort has been made to ensure the accuracy of information contained in this booklet. However, in the event of a discrepancy between this booklet and the governing City of Winnipeg By-law, the By-law will take precedence.

1. An enclosed repair garage and/or service area shall be provided with an approved mechanical exhaust and makeup air system to prevent excessive accumulations of carbon monoxide, exhaust fumes or flammable and toxic vapours.
 - a) All sub floor and below grade work areas shall be continuously ventilated at a rate of not less than a rate of 1.5 cfm/SF and comply with the requirements of NFPA 30A.
2. Sump pits and sub floor areas shall be considered to be a Class 1, Zone 2 electrically hazardous location. All equipment and wiring shall be suitable for this location.
3. The levels of airborne controlled products (dust, fumes, vapours, mists, etc.) shall be maintained below the occupational exposure limit (OEL), to meet criteria of the Workplace Safety & Health Regulation 217/2006. Note: the OEL for carbon monoxide (CO) and nitric oxide (NO) is 25 parts per million. The action level for CO and NO is 12.5 parts per million.
4. All airborne controlled products (i.e. hazardous contaminants) must be controlled to levels that do not result in a health hazard to a worker.

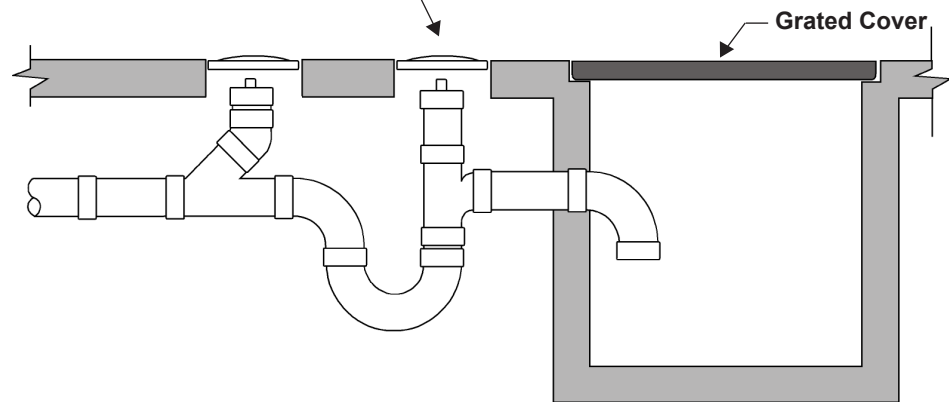
For further information, please contact:
 Manitoba Labour Workplace Safety and Health Division
 200 – 401 York Avenue
 Winnipeg, Manitoba R3C 0P8
 204-945-6848
5. Approved, portable fire extinguishers shall be provided.
6. The storage of any and/or all flammable, combustible substances, liquids shall be in an approved, listed cabinet and/or room.
7. Where spray coating operations are to be conducted, a professional engineer will be required to address the additional building and fire code requirements.
8. When a repair garage is being established in a multi-tenant building, a two hour fire separation will be required between tenants.

The City of Winnipeg Sewer Bylaw 7070/97 requires that interceptors shall meet the following specifications.

1. shall be so designed that they will not become air bound;
2. shall be so located as to be readily accessible for cleaning;
3. shall be of sufficient volume to intercept natural oil and grease, synthetic or petroleum oil and grease, gasoline, or sand likely to flow into it under peak flow conditions;
4. an interceptor for sand shall have a volume sufficient to retain sand or grit during any 10 hour period, but in no case shall have a volume less than 0.56 cubic metres, measured below the invert of the overflow;

5. shall be water tight, constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature, made of substantial construction, and equipped with easily removable covers which when bolted in place shall be gas and water tight;
6. shall be designed to support occupancy floor load; and
7. shall be maintained by the owner, at the owner's expense, in good working order. The owner is required to keep maintenance records for the preceding twelve (12) month period. The sewer utility shall have the right to enter upon the premises at any time to inspect the operation and maintenance of an interceptor.

NOTE: Past performance has shown that the cleanout cover over the "P" trap should be drilled with a ¼" (inch) hole in order to prevent the system from becoming air locked between the invert and the "P" trap.



The above installation may be suitable for a small operation only.

Manitoba Plumbing Code - Interceptors

- (1) N/A
- (2) Where the discharge from a fixture may contain oil or gasoline, a oil interceptor shall be installed.
- (3) Where a fixture discharges sand, grit or similar materials, an interceptor designed for the purpose of trapping such discharges shall be installed.
- (4) Every interceptor shall have sufficient capacity to perform the service for which it is provided.