

Requirements for an Auto Repair Garage per ASHRAE 62 and Div. B, Parts 6 and 7, 2006 OBC.

1. Please provide 2 copies of mechanical ventilation drawings – sealed, signed and dated by a Professional Engineer. See items 2, 3, 4 & 5, below.
2. Provide general ventilation of 3.9 L/s per sq.m. (0.768 cfm / sq.ft.) OBC 6.2.2.3 (1)(c).
3. Provide additional ventilation per repair bay if the bay does not have a adjacent overhead door. (OBC 6.2.2.3(8)). This would apply to vehicles parked in the building for service away from the overhead doors and the tailpipe extraction system may be required. Where repair bays are fitted with tailpipe exhausts direct to the outside, then a general ventilation system is not required. OBC 6.2.2.3(10).
4. Provide a CO detector connected to an exhaust fan. OBC 6.2.2.3(2).
5. Show the method of make up air required for the shop exhaust. Please provide a calculation of the shop exhaust air flow and the air make up air flow including heat loss and heat make up. OBC 6.2.1.2, 6.2.2.3(1), 6.2.2.3(2)
6. Provide a plumbing drawing showing the building drains and the oil/grease interceptor vented and connected to the sanitary drainage system. OBC 7.4.4.3(2)(a)
7. Ministry of Transportation Approval is required for a Motor Vehicle Inspection Station. Contact the MOT Safety Policy Office at 1-905-704-2257.
8. Oil disposal and anti-freeze disposal will require storage drums and an active contract with a Liquid Disposal Company.