

Policy Directive:
Operation of Small Asphalt Heaters for Driveway Paving

Division: Polution Prevention
Division

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Subject:

Operation of Small Asphalt Heaters for Driveway Paving

Objective:

To define the regulatory body having jurisdiction over driveway paving activity as presently carried out by small waste asphalt.

Background:

Waste or off-spec asphalt that is readily available to the public is perceived by local residents as an inexpensive and practical alternative to fresh asphalt for driveway paving jobs. In recent times, individuals, and even small business people, have resorted to carrying out driveway paving using waste or off-spec asphalt. The waste asphalt generally comes from road rehabilitation work. This waste material, which otherwise could end up in landfill sites, is now being recycled. This practice is good for the environment from a solid waste management point of view, and should be encouraged.

However, this activity can result in public complaints of repugnant smell and excessive smoking, which are attendant to this type of operations, particularly in the summer season. This type of nuisance complaint is a matter best dealt with by the local municipal authority. Furthermore, the size of this kind of operation is such that it is unlikely that the emitted contaminants will exceed provincial regulatory limits, making Department involvement unnecessary.

This policy covers all aspects of private or commercial driveway/walkway paving operations having the following characteristics:

1. The use of a one or two burner heating equipment, firing No. 2 fuel oil or a lighter hydrocarbon for melting waste asphalt.
2. Typically oil-burners used in this application are similar to RWB Beckett oil-burner. This burner has the following specifications: Model Beckett AF-62-XN; Firing rate is 1 - 10 gph, 30 deg. F ; Motor runs at 3450 rpm

3. Raw material is derived from waste asphalt that comes from road rehabilitation construction site. The off-spec asphalt comes from commercial asphalt plants operation. Fresh asphalt may on rare occasion be used.

4. Smoke release almost always occurs during this operation.

5. Duration of activity may run up to twenty-four (24) hours depending on the size of job undertaken.

6. Set up is simple and operation is very mobile and hence can be moved from place to place in a relatively short time.

Legislation:

Municipalities Act

Policy:

A. The local municipal authority will have jurisdiction with respect to the operation of small waste asphalt pavers.

B. The Policy of Waste Asphalt Storage/Disposal still applies and will be enforced by the Government Service Centre.