



CHAPTER XVII ABRASIVE BLASTING

1.00 Dry abrasive blasting is prohibited except under the following circumstances

- a. As part of a manufacturing process at a location zoned for manufacturing in which the abrasive process is completely enclosed without exhaust or discharged to the atmosphere, or in which the abrasive process is enclosed and exhausted to the atmosphere in a manner and at a location approved in writing by the Health Department.
- b. As part of manufacturing, construction or repair process such as the construction or repair of boats conducted at a location zoned for manufacturing, and for which the Board of Health has granted an ANNUAL RENEWABLE PERMIT setting forth the location at and conditions under which such process may be conducted.
- c. Pursuant to a TEMPORARY PERMIT from the Health Department, limited in time and specific to location, for the conduct of operations associated with the construction, reconstruction or renovation of a building or other structure.

1.02 Reserved.

2.00 Permits. Permits for the conduct of dry abrasive blasting shall be granted in writing by the Health Department only upon the following general terms and conditions, and subject to other special terms and conditions as the Department shall find necessary to protect the public health and welfare.

- a. Application for permit (and for a renewal of an annual permit) shall be in writing, on a form provided or specified by the Health Department or otherwise as the Board of Health shall direct.
- b. Dry abrasive blasting activities shall be so enclosed or curtained-off or so located and conducted as to prevent the escape onto public property, rights-of-way, or the property of others, of visible abrasive material. Enclosure(s) shall not be removed until all internal and external surfaces, including the ground in the vicinity, are thoroughly cleaned of all loose material attributable to the abrasive blasting operations.
- c. No material containing free silica (e.g. sand) or reused abrasives, shall be used for dry abrasive blasting operation.
- d. Permits shall be issued for dry abrasive blasting only for purposes for which other means of surface preparation (e.g. wet abrasive blasting) are not feasible because of the nature of the surface and/or the nature of the required coating material(s) to be applied, and where there is not suitable alternative method.

2.01 Reserved.

3.00 Other Requirements. If the surface to be abraded has been painted, the paint shall be tested by a certified laboratory or professional engineer to determine if the paint contains lead. Such testing shall be required before issuance of a permit.

3.01 Wet abrasive blasting is permitted only pursuant to the express written permission of the Health Department. The times and weather conditions during which such operations may be conducted may be limited or specified. All such operations shall be enclosed, curtained-off or so located as to eliminate any external exposure beyond the enclosed area to toxic elements or emissions from the operation. All surfaces shall be thoroughly cleaned of loose-material prior to removal of any temporary structure.

3.02 Any of the following conditions shall be prima facie evidence of violation of this regulation.

- a. Visible emission of particulate matter, beyond the vertically extended property line of the owner of the property on which abrasive blasting is permitted.
- b. Deposition of visible amounts of particulate matter upon public or other private property.
- c. Failure to obtain express written permission from the Health Department to engage in abrasive blasting operation, or operating after denial of such permission.

3.03 Reserved.