



BOARD OF HEALTH

43 ELM STREET
COHASSET, MA 02025

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ABRASIVE BLASTING REGULATIONS

April 23, 1984

The Board of Health of the Town of Cohasset, MA, acting under the authority of Chapter III, Section 31C, hereby adopts the following regulations entitled "Abrasive Sandblasting Regulations."

1. No person shall conduct abrasive blasting in the Town of Cohasset without a valid abrasive blasting permit(hereinafter "Permit") issued by the Board of Health, nor shall any person conduct abrasive blasting in violation of any terms or conditions of such permit.
2. The fee for each permit shall be Fifty Dollars(\$50.00).
3. Permits for the conduct of abrasive blasting shall be issued by the Board of Health only upon written application and subject to the following general terms and conditions, together with such special terms and conditions as the Board of Health may prescribe:
 - a. Each application shall be submitted on a form prescribed by

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the Board of Health and shall specify whether the applicant seeks to conduct (1) dry abrasive blasting, or (2) wet abrasive blasting.

b. Dry abrasive blasting activities shall be so enclosed or located as to prevent the escape of visible abrasive material onto public property or the property of another. Such enclosure(s) shall not be removed until all internal and external surfaces, including the ground in the vicinity, have been thoroughly cleaned of all loose material generated by the abrasive blasting operation.

c. No material containing free silica (e.g., sand) or re-used abrasives shall be used for dry abrasive blasting.

d. The Board of Health may restrict abrasive blasting activities to specified times and/or weather conditions.

e. Wet abrasive blasting activities shall be so enclosed or located as to eliminate public exposure to toxic elements and emissions from the operation. All surfaces shall be thoroughly cleaned of loose material prior to the removal of any protective structure.

4. The Board of Health may deny any permit application if it finds that a) alternative methods of surface preparation pose less risk to the health, safety or well-being of any person; or b) denial of such application is necessary to protect the health, safety or well-being of any person.

5. Either of the following conditions shall be prima facie evidence

of violations of these regulations:

- a. Visible emission of particulate matter beyond the vertically extended property line of any property on which abrasive blasting is permitted; or
 - b. Deposition of visible amounts of particulate matter upon public property or the property of another.
6. If the Board of Health finds that any of these regulations has been violated and that the violations has not been corrected, it shall order the person or persons responsible to correct such violation within twenty-four hours or such other period as the Board may allow.
7. The Board of Health may suspend or revoke any permit upon a finding that the holder of such permit has violated any of these regulations or has failed to comply with any lawful order of the Board pursuant to these regulations.
8. Any person who violates any of these regulations shall be punished for the first offense by a fine of not less than Fifty Dollars(\$50.00) nor more than One Hundred Dollars(\$100.00), and for any subsequent offense by a fine of not less than Two Hundred Dollars(\$200.00) nor more than Five Hundred Dollars(\$500.00). For the purposes of this paragraph, each day on which such violation(s) occur constitutes a separate and distinct offense.

These regulations were considered at a public meeting held on April 23, 1984 after two successive legal notice publications on April 4 & 12, 1984.

and adopted by the Board of Health at a meeting held on April 23, 1984 in accordance with the applicable provisions of Chapter III of the General Laws.

CONDITIONS AND TERMS

1. Exterior dry abrasive blasting may be used ONLY if the following provisos are met:
 - a. abrasive materials shall not contain any free silica or re-used abrasive;
 - b. there shall be sufficient shrouding at said operation to contain particulate matter from entering the ambient air space, to prevent visible emissions beyond the vertically extended property line, to prevent public exposure to particulates, and to prevent deposition of particulate matter upon public and other private property;
 - c. there shall be no abrasive blasting whatsoever if the wind velocity is judged to be excessive by the Board of Health;
 - d. respirators should always be worn when removing paint by any method and during cleanup activities.
2. There shall be a complete clean-up of all abrasive and abraded materials within two hours of operation shutdown every day, using an industrial vacuum cleaner equipped with an exhaust filter. All residue should be carefully, doublebagged in heavy plastic bags, placed in cardboard boxes and securely sealed with masking tape.
3. The permittee shall have a supervisor at the site at all times of operation and clean-up to ensure compliance with the conditions and terms stated herein.
4. The permittee shall notify the Board of Health each day abrasive blasting takes place. Failure of notification will be considered a violation of this permit.
5. If the Board of Health, upon inspection of said operation, determines that dry abrasive blasting is violating the Board of Health Regulations and all applicable means of controlling the particular matter have been tried, an alternative method must be used.
6. Disposal of all particulate matter shall be in accordance with DEQE Regulations and at a site approved by DEQE. Lead contaminated paint (waste material) removed from homes by either homeowners or contractors is exempt from the Massachusetts Hazardous Waste Regulations and should be disposed of in accordance with 310 CMR 19.000, Regulations for the Disposal of solid Wastes by Sanitary Landfills, at an approved DEQE Sanitary Landfill. Such waste material, however, removed from any other structure, which is in a quantity greater than 20 kilograms and fails the E.P. Toxicity Test is subject to the Massachusetts Hazardous Waste Regulations, 310 CMR 30.000 should be disposed of accordingly.

CONDITIONS AND TERMS

1. Exterior wet abrasive blasting may be used ONLY if the following provisions are met:
 - a. abrasive materials shall not contain any free silica or re-used abrasive;
 - b. there shall be sufficient shrouding at said operation to contain particulate matter from entering the ambient air space, to prevent visible emissions beyond the vertically extended property line, to prevent public exposure to particulates, and to prevent deposition of particulate matter upon public and other private property;
 - c. there shall be no abrasive blasting whatsoever if wind velocity is judged to be excessive by the Board of Health;
 - d. there shall be sufficient water to abrasive ratio to abate serious dust conditions;
 - e. respirators should always be worn when removing paint by any method and during cleanup activities.
2. There shall be a complete clean-up of all abrasive and abraded materials within two hours of operation shutdown every day, using an industrial vacuum cleaner equipped with an exhaust filter. All residue should be carefully doublebagged in heavy plastic bags, placed in cardboard boxes and securely sealed with masking tape.
3. The permittee shall have a supervisor at the site at all times of operation and clean-up to ensure compliance with the conditions and terms stated herein.
4. The permittee shall notify this Board of Health each day abrasive blasting takes place. Failure of notification will be considered a violation of this permit.
5. Disposal of all particulate matter shall be in accordance with DEQE Regulations and at a site approved by DEQE. Lead contaminated paint (waste material) removed from homes by either homeowners or contractors is exempt from the Massachusetts Hazardous Waste Regulations and should be disposed of in accordance with 310 CMR 19.000, Regulations for the Disposal of solid Wastes by Sanitary Landfills, at an approved DEQE Sanitary Landfill. Such waste material, however, removed from any other structure, which is in a quantity greater than 20 kilograms and fails the E.P. Toxicity Test is subject to the Massachusetts Hazardous Waste Regulations, 310 CMR 30.000 should be disposed of accordingly.

Town Counsel

Chairman

