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FACTORIES AND SHOPS ACT 1963-1981.

SPRAY PAINTING REGULATIONS 1971.

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FACTORIES AND SHOPS ACT 1963-1981.

SPRAY PAINTING REGULATIONS 1971.

1. These regulations may be cited as the Spray Painting Regulations 1971.

Amended by
G.G. 16/1/76,
p. 82.

2. In these regulations, unless the context otherwise requires—
“spray painting” means the application of lead paint, silica paint, or any enamel, vitreous enamel, lacquer, epoxy resin or other material containing nitrocellulose or a flammable liquid, or both, by spraying to any vehicle or article;

“flammable liquid” means a liquid which gives off a flammable vapour at a temperature of less than 32° Celsius.

“lead paint” means any paint, paste, spray, stopping, filling or other material used in painting of which lead (Pb) forms more than one per cent of the non-volatile content;

“silica paint” means any paint, paste, spray, glaze or other material used in painting of which free silica forms more than two per cent of the dry weight.

I.—DUTIES OF OCCUPIERS.

3. (1) The occupier of every factory in which spray painting is carried on shall provide for that purpose a suitable booth or cubicle of a type approved by the Chief Inspector.

(2) No occupier of a factory shall install therein a paint spraying apparatus without first submitting to the Chief Inspector for approval the plans and specifications of the booth or cubicle within which it is intended to operate such apparatus.

(3) No booth or cubicle shall be erected or altered until the plan and specifications have been approved by the Chief Inspector.

(4) Every booth or cubicle shall be constructed in accordance with the plan and specifications approved.

4. Except with the written approval of the Chief Inspector and in accordance with such conditions as he may impose, no spray painting shall be carried on in any factory otherwise than in the booth or cubicle provided.

5. The booth or cubicle provided shall be of sufficient size to accommodate the vehicle or other articles to be sprayed, and to permit of the spray operator using the spray equipment with a reasonable degree of comfort and in such a manner that he shall not be exposed to spray dust and fumes.

Amended by
G.G. 27/6/75,
p. 2156.

6. (1) The internal walls and ceilings of every booth or cubicle shall be—

- (a) constructed of smooth impervious non-combustible and non-flammable materials;
- (b) free of any obstruction;
- (c) capable of being easily and effectively washed down and cleansed when required.

4

(2) Where a booth or cubicle is of a type designed to be used fitted with a paint arrestor filter the filter shall for the purposes of subregulation (1) of this regulation be regarded as an internal wall, but the provisions of paragraph (a) of that subregulation do not apply to such a filter.

(3) A booth or cubicle that is designed to be used fitted with a paint arrestor filter shall not be used unless it is fitted with a filter made of a non-flammable material approved of by the Chief Inspector.

7. Every booth and paint shop shall be provided with a floor of hard smooth impervious material so constructed as to facilitate easy cleansing and shall be cleansed by washing, hosing down, scraping or damp sweeping upon the completion of each day's work.

8. (1) Every booth or cubicle shall be fitted with an exhaust fan or other apparatus placed in a position approved by the inspector, and which is capable of maintaining an air movement of not less than thirty metres per minute throughout the booth. Amended by
G.G. 16/1/76,
p. 82.

(2) An air movement throughout the booth or cubicle of not less than thirty metres per minute shall be maintained during the whole time in which spray painting is carried on and for five minutes afterward.

9. (1) Every booth or cubicle shall be fitted with a metal tube or duct into which all vapours, fumes or dust extracted by such fans or other apparatus shall be discharged.

(2) Every tube or duct so fitted shall be of a diameter and construction approved by the Chief Inspector as suitable and shall be—

- (a) carried to the external air to a height sufficient to ensure the efficient discharge of the vapour, fumes and dust in a manner which will prevent re-entry into the factory or the contamination of adjacent premises; or
- (b) otherwise provided with a discharge and collection apparatus of a type approved by the Chief Inspector.

10. (1) Where the heating or pre-heating equipment for spray painting is electrically heated, the owner or person proposing to use the equipment shall produce to the Chief Inspector a written certificate from an inspector appointed under the Electricity Act 1945, certifying that the owner or person using the equipment has complied with the regulations made under the Electricity Act 1945 which are applicable to the equipment.

(2) No person shall use or cause to be used heating or pre-heating equipment for spray painting unless the equipment has been first approved in writing by the Chief Inspector.

11. (1) The occupier of a factory shall provide for the use of every spray painter a suitable respirator of a type approved by the Chief Inspector.

(2) Every respirator shall be cleansed daily and maintained in a clean and efficient condition, and when not in use shall be kept under cover in a place outside the booth or cubicle.

12. The occupier of a factory shall provide overalls and head coverings for the use of every spray painter, which shall be thoroughly washed and cleansed at intervals of not less than one week, and when not in use shall be kept in a closed locker or receptacle outside the booth or paint shop.

13. The occupier of a factory shall provide suitable washing facilities and soap and clean towels for the use of operators of paint spraying apparatus.

5

14. The occupier of a factory in which a spray painting process is carried on shall cause a copy of these regulations to be exhibited in a conspicuous place in that factory, and to be maintained in a legible condition.

II.—DUTIES OF OPERATORS.

15. Every operator of paint spraying apparatus shall wear the overalls and head coverings and respirator provided during the whole of the time spray painting operations are carried on.

16. Every spray painter shall carefully clean and wash his hands, arms and face on ceasing work.

Amended by
G.G. 16/1/76,
p. 82.

17. Every spray painter shall abstain from smoking, eating or drinking within three metres of any opening into any booth wherein spray painting is carried out or within five metres of any spray painting operation being carried on outside a booth.

18. Operators shall not spray paint in a booth or cubicle unless the ventilation fan or apparatus is in operation.

III.—OFFENCES.

19. Any person who contravenes or neglects, refuses or fails to comply with any provision contained in these regulations shall be guilty of an offence and liable to a penalty of one hundred dollars.