



# Factories Act 1937

1937 CHAPTER 67 1 Edw 8 and 1 Geo 6

## PART IV

HEALTH, SAFETY AND WELFARE (SPECIAL PROVISIONS AND REGULATIONS).

### *Special Provisions.*

#### **47 Removal of dust or fumes.**

- (1) In every factory in which, in connection with any process carried on, there is given off any dust or fume or other impurity of such a character and to such extent as to be likely to be injurious or offensive to the persons employed, or any substantial quantity of dust of any kind, all practicable measures shall be taken to protect the persons employed against inhalation of the dust or fume or other impurity and to prevent its accumulating in any workroom, and in particular, where the nature of the process makes it practicable, exhaust appliances shall be provided and maintained, as near as possible to the point of origin of the dust or fume or other impurity, so as to prevent it entering the air of any workroom.
- (2) No stationary internal combustion engine shall be used unless—
  - (a) provision is made for conducting the exhaust gases from the engine into the open air; and
  - (b) the engine (except when used for the purpose of being tested) is so partitioned off from any workroom or part of a workroom, in which persons are employed other than persons attending to the engine, as to prevent any injurious fumes from the engine entering the air of the room or part of the room.

#### **48 Meals in certain dangerous trades.**

- (1) Where in any room lead, arsenic or other poisonous substance is so used as to give rise to any dust or fume, a person shall not be permitted to partake of food or drink in that room or to remain in that room during the intervals allowed to him for meals or rest other than intervals allowed in the course of a spell of continuous employment.

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- (2) Where in any room a process prescribed by regulations made by the Secretary of State is carried on being a process which gives rise to siliceous dust or asbestos dust, a person shall not be permitted to remain in that room during the intervals allowed to him for meals or rest other than intervals allowed in the course of a spell of continuous employment.
- (3) Suitable provision shall be made for enabling the persons employed in any such room as is mentioned in the last two foregoing subsections to take their meals elsewhere in the factory.
- (4) Where it appears to the Secretary of State that, by reason of the nature of any process, it is injurious to health or otherwise undesirable to take meals in rooms where that process is carried on or to remain therein during the intervals allowed for meals or rest, he may, if he thinks fit, by regulations extend all or any of the provisions of subsections (1) and (3) of this section to rooms where that process is carried on.

**49 Protection of eyes in certain processes.**

In the case of any such process as may be specified by regulations of the Secretary of State, being a process which involves a special risk of injury to the eyes from particles or fragments thrown off in the course of the process, suitable goggles or effective screens shall, in accordance with any directions given by the regulations, be provided to protect the eyes of the persons employed in the process.

**50 Shuttle threading by mouth suction.**

The Secretary of State may make such special regulations as appear to him to be reasonably practicable for extending the provision and use in factories, in which the weaving of cotton or other cloth is carried on, of shuttles which are not capable of being threaded or readily threaded by suction of the mouth, and any such regulations may impose duties on persons employed as well as on occupiers.

**51 Prohibition of use of white phosphorus in manufacture of matches.**

- (1) No person shall use white phosphorus in the manufacture of matches.
- (2) For the purposes of this Part of this Act the expression “white phosphorus” means the substance usually known as white or yellow phosphorus.

**52 Humid factories.**

- (1) The occupier of every humid factory shall, on or before the first occasion on which artificial humidity is produced at that factory, give notice thereof in writing to the inspector for the district.
- (2) In every humid factory in which regulations made under this Act or under the enactments thereby repealed, with respect to humidity, are not for the time being in force, the provisions of this subsection shall have effect:—
  - (a) subject to the provisions of this section, there shall be provided and maintained in every room in which artificial humidity is produced, two hygrometers, conforming to such conditions, as regards construction and maintenance, as may be prescribed, and the following requirements with respect thereto shall be complied with :—

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- (i) one hygrometer shall be fixed in the centre and one at the side of each room, or in such other position as may be directed or sanctioned by an inspector, so as to be plainly visible to the persons employed;
  - (ii) a copy of the table of humidity set out in the First Schedule to this Act, or such other table as may be substituted therefor by regulations of the Secretary of State, shall be kept hung up near to each hygrometer;
  - (iii) the occupier or other person authorised for the purpose shall read the hygrometers twice daily, namely, between ten and eleven o'clock in the morning and between three and four o'clock in the afternoon on every day on which any persons are employed in the room in the morning or afternoon as the case may be, and when persons are employed before six o'clock in the morning or after eight o'clock in the evening, at such other times as may be directed by the inspector for the district, and shall enter the readings on a record which shall be provided for each hygrometer in the prescribed form;
  - (iv) the forms on which the readings of each hygrometer are recorded shall be kept hung up near the hygrometer, and when filled up shall be preserved at the factory for reference. The entries recorded in the form shall be prima facie evidence of the humidity of the atmosphere and temperature in the factory :
- (b) there shall be no artificial humidification in any room at any time when the reading of the wet bulb thermometer exceeds seventy-two and a half degrees, or, in the case of a room in which the spinning of cotton or in which the spinning of merino or cashmere by the French or dry process or the spinning or combing of wool by that process is carried on, eighty degrees :
  - (c) there shall be no artificial humidification in any room at any time when the difference between the readings of the dry and wet bulb thermometers is less than that indicated in the table of humidity :
  - (d) no water which is liable to cause injury to the health of the persons employed, or to yield effluvia, shall be used for artificial humidification, and for the purpose of this provision any water which absorbs from acid solution of permanganate of potash in four hours at sixty degrees more than half a grain of oxygen per gallon of water, shall be deemed to be liable to cause injury to the health of the persons employed.
- (3) The chief inspector may direct in writing, in the case of any factory or any room in a factory, that the provision and maintenance of one hygrometer shall be sufficient instead of two, the hygrometer to be fixed in such position as may be directed by an inspector, and the last foregoing subsection shall have effect accordingly.
- (4) Where as respects any room notice has been given in the prescribed manner to the inspector for the district that it is intended that the humidity of the atmosphere should never be greater than will maintain a difference of at least four degrees between the readings of the dry and wet bulb thermometers, the provisions of sub-paragraphs (iii) and (iv) of paragraph (a) of this section shall not apply as respects that room so long as at least that difference is maintained and a copy of the said notice is kept posted in the room.

### **53 Underground rooms.**

- (1) No work shall be carried on in any underground room (not being an underground room used only for the purpose of storage or for some purpose excepted by order of the

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Secretary of State) which is certified by the inspector for the district to be unsuitable for the purpose as regards construction, height, light or ventilation, or on any hygienic ground, or on the ground that adequate means of escape in case of fire are not provided:

Provided that, where the inspector certifies as unsuitable any room which is in actual use, he shall suspend the operation of the certificate for such period as he considers reasonable with a view to enabling the occupier to render the room suitable or to obtain other premises.

- (2) In the case of any underground room which at the commencement of this Act does not form part of a factory or is not used as a workroom in a factory or is used only for the purpose of storage or for some purpose excepted as aforesaid—
  - (a) the occupier shall, before the room is used for work for which it may be certified as unsuitable under this section, give notice in the prescribed form and containing the prescribed particulars to the inspector for the district; and
  - (b) shall not use the room for any such process as may be prescribed, being a process of a hot, wet, or dusty nature, or which is liable to give off any fume, without the consent in writing of the inspector for the district.
- (3) If the occupier is aggrieved by any decision of an inspector under this section, he may, within twenty-one days of the date of issue of the certificate or the refusal of the consent, as the case may be, appeal by way of complaint to a court of summary jurisdiction, and, pending the final determination of an appeal against a decision under subsection (1) of this section in the case of a room in actual use, no offence shall be deemed to be committed under that subsection in respect of the room to which the appeal relates, and the decision of the court shall in all cases be binding on the occupier and the inspector.
- (4) In this section the expression “underground room ” means any room which or any part of which is so situate that half or more than half the whole height thereof, measured from the floor to the ceiling, is below the surface of the footway of the adjoining street or of the ground adjoining or nearest to the room.
- (5) Any certificate issued under this section may be withdrawn by the inspector for the district if such alterations are made as in his opinion to render the room suitable.

#### **54 Basement bakehouses.**

- (1) Without prejudice to the provisions of the last foregoing section, a basement bakehouse shall not be used as a bakehouse unless it was so used at the date of the passing of this Act and a certificate of suitability had been issued by the district council under an enactment repealed by this Act in respect thereof, and any basement bakehouse which, for a period exceeding twelve months, is not used as a bakehouse shall not be so used again.
- (2) It shall be the duty of every district council to carry out, in the year beginning at the date of the commencement of this Act and in every fifth succeeding year after that year, an examination of every basement bakehouse in respect of which a certificate of suitability has been issued and—
  - (a) if as the result of the examination the council are not satisfied that the bakehouse is suitable for use as such as regards construction, height, light, ventilation, and any hygienic respect, they shall give notice in writing that the certificate shall cease to have effect after the expiration of such period, being not less than one month, as may be specified in the notice, and the basement

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- bakehouse shall not be used as a bakehouse after the expiration of that period;  
or
- (b) if the council are satisfied that the bakehouse is suitable as regards the matters aforesaid, they shall give notice in writing that the certificate shall continue to operate so long as the bakehouse may otherwise lawfully be used, but without prejudice to the power of the council to revoke the certificate as the result of a subsequent examination under this subsection.
- (3) Where the district council give notice that a certificate of a basement bakehouse is to cease to have effect, the occupier may, within twenty-one days of the notice, appeal by way of complaint to a court of summary jurisdiction, and the court may, if it is satisfied that the bakehouse is suitable as regards the matters aforesaid, by order direct that the certificate shall continue to operate as if a notice had been given under paragraph (b) of the last foregoing subsection or may by order extend the period at the expiration of which the certificate is to cease to have effect, and pending the final determination of the appeal the certificate shall continue to operate.
- (4) For the purpose of this section “basement bakehouse” means a bakehouse any baking room of which is so situate that the surface of the floor is more than three feet below the surface of the footway of the adjoining street, or of the ground adjoining or nearest to the room; and “baking room” means any room used for baking, or for any process incidental thereto.
- (5) The prohibition of the use of basement bakehouses under this section shall be enforced by the district council, and the provisions of Part I of this Act as to the power to act in default of a district council shall apply in the case of any default of the district council under this section.

## **55 Laundries.**

In every laundry—

- (a) effective steps shall be taken by means of a fan or otherwise to regulate the temperature in every ironing room, and to carry away the steam in every washhouse;
- (b) all stoves for heating irons shall be so separated from any ironing room or ironing table as to protect the workers from the heat thereof;
- (c) no gas iron emitting any noxious fumes shall be used.

## **56 Lifting excessive weights.**

- (1) A young person shall not be employed to lift, carry or move any load so heavy as to be likely to cause injury to him.
- (2) The Secretary of State may make special regulations prescribing the maximum weights which may be lifted, carried or moved by persons employed in factories; and any such regulations may prescribe different weights in different circumstances and may relate either to persons generally or to any class of persons or to persons employed in any class or description of factory or in any process.

## **57 Prohibition of employment of female young persons where certain processes are carried on.**

- (1) Where in any part of a factory—

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(a) the process of melting, or of blowing glass other than lamp blown glass; or  
 (b) the process of annealing glass other than plate or sheet glass; or  
 (c) the evaporating of brine in open pans, or the stoving of salt,  
 is carried on, a female young person shall not be employed in that part of the factory.

(2) The Secretary of State may by regulations extend this section to any process in which, on account of the special circumstances, it appears to him undesirable that female young persons should be employed, and, if he is satisfied that owing to a change in the circumstances in which any process specified in subsection (1) of this section is carried on the provisions of this section ought not to apply or ought to be relaxed with respect to that process, he may by regulations direct that this section shall, to such extent and subject to such conditions as may be specified in the regulations, cease to apply to that process.

**58 Prohibition of employment of women and young persons in certain processes connected with lead manufacture.**

A woman or young person shall not be employed in any factory in any of the following operations :—

- (a) work at a furnace where the reduction or treatment of zinc or lead ores is carried on :
- (b) the manipulation, treatment or reduction of ashes containing lead, the desilverising of lead, or the melting of scrap lead or zinc :
- (c) the manufacture of solder or alloys containing more than ten per cent. of lead :
- (d) the manufacture of any oxide, carbonate, sulphate, chromate, acetate, nitrate, or silicate of lead:
- (e) mixing or pasting in connection with the manufacture or repair of electric accumulators :
- (f) the cleaning of workrooms where any of the processes aforesaid are carried on.

**59 Provisions as to employment of women and young persons in processes involving use of lead compounds.**

(1) A woman or young person shall not be employed in any factory in any process involving the use of lead compounds if the process is such that dust or fume from a lead compound is produced therein, or the persons employed therein are liable to be splashed with any lead compound in the course of their employment, unless the folio whig provisions are complied with as respects all women and young persons employed :—

- (a) where dust or fume from a lead compound is produced in the process, provision shall be made for drawing the dust or fume away from the persons employed by means of an efficient exhaust draught so contrived as to operate on the dust or fume as nearly as may be at its point of origin:
- (b) the persons employed shall undergo the prescribed medical examination at the prescribed intervals, and the prescribed record shall be kept with respect to their health:
- (c) no food, drink or tobacco shall be brought into or consumed in any room in which the process is carried on, and no person shall be allowed to remain in any such room during meal times :

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- (d) suitable protective clothing in a clean condition shall be provided by the occupier and worn by the persons employed:
  - (e) such suitable cloak-room, mess-room, and washing accommodation as may be prescribed shall be provided for the use of the persons employed :
  - (f) the rooms in which the persons are employed, and all tools and apparatus used by them, shall be kept in a clean state.
- (2) It shall not be lawful to employ in any process involving the use of lead compounds any woman or young person who has been suspended after medical examination from employment in any such process on the ground that continuance therein would involve special danger to health.
- (3) The method of ascertaining whether any compound or mixture is a lead compound within the meaning of this section shall be such as may be prescribed.
- (4) In this section “prescribed ” means prescribed by regulations made by the Secretary of State, and the expression “lead compound ” means any soluble compound of lead which is declared by regulations of the Secretary of State to be a lead compound for the purposes of this section, and includes a mixture containing any such compound, but does not include an alloy containing lead.