STATUTORY INSTRUMENTS

1973 No. 37

FACTORIES

The Abstract of Special Regulations (Pottery—Health and Welfare) Order 1973

Made - - - -	*9th January* 1973
Coming into Operation	*1st February* 1973

The Secretary of State in exercise of powers conferred by sections 139(1) and 180(3) of the Factories Act 1961**(a)** and now vested in him**(b)** and of all other powers enabling him in that behalf, hereby makes the following Order:—

1.—(1) This Order may be cited as the Abstract of Special Regulations (Pottery—Health and Welfare) Order 1973 and shall come into operation on 1st February 1973.

(2) The following Orders are hereby revoked:—

(*a*) the Order prescribing an abstract of the Pottery (Health and Welfare) Special Regulations 1950 **(c)** for posting in certain sanitary fireclay ware factories made by the Minister of Labour and National Service on 11th October 1950; and

(*b*) the Order prescribing an abstract of the said Regulations for posting in certain other leadless glaze pottery factories made by the said Minister on 3rd January 1951.

2.—(1) The Interpretation Act 1889**(d)** shall apply to the interpretation of this Order as it applies to the interpretation of an Act of Parliament, and as if this Order and the Orders hereby revoked were Acts of Parliament.

(2) Unless the context otherwise requires, expressions used in this Order shall have the same respective meanings as in the said Regulations.

3. The abstract of the Pottery (Health and Welfare) Special Regulations 1950, as amended **(e)**, for posting in pursuance of section 139(1) of the Factories Act 1961 shall be in the following form:—

(*a*) in the case of factories in which sanitary fireclay ware, but no other pottery (other than the articles specified in Regulation 4(1) of the said

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(a) 1961 c. 34.
(b) S.I. 1968/729 (1968 II, p. 2108).
(c) S.I. 1950/65 (1950 I, p. 657).
(d) 1889 c. 63.
(e) S.I. 1973/36 (1973 I, p. 282).

Regulations), is manufactured, being leadless glaze factories in which no lead compound is used in any pottery process, and in which none of the manufactures or processes specified in paragraphs (*a*), (*b*) and (*c*) of the preamble to the said Regulations (other than the manufacture of leadless glazes) is carried on—the form set out in Schedule 1 to this Order; and

(*b*) in the case of leadless glaze factories (other than factories in which sanitary fireclay ware is manufactured) in which none of the processes specified in Schedule 1 to the said Regulations is carried on—the form set out in Schedule 2 to this Order.

Signed by order of the Secretary of State.
9th January 1973.

John Locke,
Deputy Secretary,
Department of Employment.

SCHEDULE 1

Article 3(*a*)
F 1047

POTTERY (HEALTH AND WELFARE) SPECIAL REGULATIONS 1950

Abstract for posting in certain sanitary fireclay ware factories

Interpretation

2.—(2) In these Regulations, unless the context otherwise requires, the following expressions have the meanings hereby assigned to them:—

"Appointed doctor" means a fully registered medical practitioner appointed by written certificate of the Chief Employment Medical Adviser or of a Deputy Chief Employment Medical Adviser for such of the purposes of these Regulations as are specified in the certificate.

"Approved respirator" means a respirator of a type for the time being approved in writing by the Chief Inspector for all or any of the purposes of these Regulations.

"Damp fettling" means fettling done either:—

(*a*) wholly with a wet sponge or other wet material, or

(*b*) while the ware being fettled is still so damp that no dust is given off.

"Efficient exhaust draught," when that expression is used in connection with a process, means an exhaust draught which effectively removes, as near as possible to the point of origin, dust, fume or spray generated in the process.

"Employment medical adviser" means an employment medical adviser appointed under the provisions of the Employment Medical Advisory Service Act 1972.

"Fettling" includes scalloping, towing, sand-papering, sand-sticking and any other process of fettling.

"Glaze" does not include an engobe or slip.

"Glost placing" includes:—

(i) the placing of ware coated with unfired glaze onto cranks or similar articles prior to their transference to saggars, trucks, ovens or kilns for glost firing;

(ii) the placing of such ware into saggars or onto trucks or onto oven-conveyors;

(iii) the placing of saggars containing such ware into ovens or kilns or onto trucks; and

(iv) the removal and carrying of saggars or cranks from the oven, kiln or truck after glost firing except in the case of tunnel ovens.

"Leadless glaze" means a glaze which does not contain more than one per cent. of its dry weight of a lead compound calculated as lead monoxide.

"Leadless glaze factory" means a factory the occupier of which has given an undertaking to the satisfaction of the Chief Inspector that none but leadless glaze shall be used therein and in which none but leadless glaze is in fact used.

"Moist method", when that expression is used in relation to cleaning, means a method of cleaning in which damp sawdust or other suitable damp material is used and which prevents dust rising into the air during the cleaning process.

"Potters' shops," includes all places where pottery is formed by pressing or by any other process and all places where shaping, fettling or other treatment of pottery articles prior to placing for the bicuit fire is carried on.

"Pottery" includes china, earthenware, and any article made from clay or from a mixture containing clay and other materials.

"Slip-house" includes any place where blunging is carried on.

"Ware-cleaning" means the removal of surplus glaze from ware after the application of the glaze but before glost firing, and includes panel-cutting.

Application of Regulations

3. Subject to the provisions of Regulations 4 and 5, these Regulations shall apply to all factories in which the manufacture or decoration of pottery is carried on, or in which, for use in the manufacture or decoration of pottery, lithographic transfers, frits or glazes are made, or flint or quartz is ground or powdered, or ground or powdered flint or quartz is mixed with clay or other material to form the body of the ware.

Factories excluded from the Regulations

4.—(1) Nothing in these Regulations shall apply to a factory in which any of the following articles but no other pottery is made:—

(*a*) unglazed or salt-glazed ware made from natural clay in the plastic state, to which no flint or quartz or other form of free silica is or has been added;

(*b*) bricks glazed or unglazed;

(*c*) architectural terra-cotta made from plastic clay and either unglazed or glazed with a leadless glaze only.

Certificates of Exemption

5.—(1) These Regulations, or such of them as may be specified, shall not apply to a factory or to a part or parts of a factory if a certificate in writing to that effect has been issued by the Chief Inspector.

(2) The Chief Inspector may issue a certificate for the purpose of paragraph (1) of this Regulation if he is satisfied with respect to the Regulations specified therein:—

(*a*) that they are not necessary for the protection of the persons employed in the factory or part thereof; or

(*b*) that their application is impracticable in the circumstances; or

(*c*) that their application is inappropriate by reason of the fact that the industry carried on in the part of the factory to which the certificate relates is separate and distinct from the operations specified in Regulation 3 hereof.

(3) Any such certificate as aforesaid may be issued subject to such conditions as the Chief Inspector thinks fit and may be revoked by him at any time.

(4) Where any such certificate as aforesaid is issued a legible copy thereof showing the conditions subject to which it has been granted shall be kept posted up in the factory to which it relates in a position where it may conveniently be read by the persons employed.

Prohibition of employment of women and young persons in certain processes

6.—(1) No woman or young person shall be employed or work in the following processes:—

(vii) the cleaning or scraping of floors of potters' shops or drying stoves but the occasional picking or scraping up of a piece of clay or other material shall not be deemed to be cleaning or scraping for this purpose;

(2) (*a*) No woman or young person shall be employed to load, carry or unload clay, or clay scraps, except that, without prejudice to paragraph (7) of this Regulation:—

(i) a woman or young person may load, carry or unload clay scraps made by that woman or young person or by the maker for whom that woman or young person is working, provided that no such carrying is done to any point more than 50 yards from the place where the scraps were made and the total weight of the scraps and the container in which they are being carried does not exceed 40 lbs.;

(*b*) For the purposes of sub-paragraph (*a*) of this paragraph the transfer of clay or clay scraps between the surface of a work-bench and the surface of a conveyor adjacent to the work-bench shall not be deemed to be loading or unloading.

(7) Without prejudice to the provisions of subsection (1) of Section 56 of the principal Act (which provides that 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) a young person shall not be employed in lifting or carrying work, except in the lifting or carrying of a weight not exceeding 20 lbs., unless there is a certificate of an employment medical adviser or an appointed doctor entered in the Health Register referred to in paragraph (i) of Regulation 8 specifying the maximum weight which that young person may lift or carry, and the young person shall not be employed to lift or carry any weight in excess of that specified in the certificate.

Provided that an employment medical adviser or appointed doctor may at any time revoke or modify any such certificate or attach thereto a condition that the young person shall be re-examined by an employment medical adviser or appointed doctor after such interval as may be specified therein.

Medical Examinations

7.—(2) The occupier shall make arrangements :—

(*b*) for the examination by an employment medical adviser or an appointed doctor of any person whom he proposes to employ in work for which a certificate of an employment medical adviser or an appointed doctor is required under paragraph (7) of Regulation 6 (which relates to the employment of young persons in lifting or carrying work);

due notice of the examination shall be given by the occupier to all concerned and it shall be the duty of persons so employed to submit themselves for examination by an employment medical adviser or an appointed doctor at the appointed times.

(5) The occupier shall provide for the purpose of examinations by an employment medical adviser or an appointed doctor under any of these Regulations (for the exclusive use of an employment medical adviser or an appointed doctor on the occasion of an examination) a room which shall be properly cleaned and adequately warmed and lighted and furnished with a screen, a table (with writing materials) and chairs, and shall afford to an employment medical adviser or an appointed doctor facilities to inspect any process or work in or on which a person being examined by an employment medical adviser or an appointed doctor is or is proposed to be or has been employed.

Health Registers

8.—(1) A Health Register for the factory shall be kept in a form approved by the Chief Inspector and shall contain the names of all persons who are or who have since the commencement of these Regulations been employed at the factory in work for which a certificate of an employment medical adviser or appointed doctor is required under paragraph (7) of Regulation 6 (which relates to the employment of young persons in lifting or carrying work). The Register shall be open to inspection by any person employed so far as concerns the entries relating to that person.

Protective Clothing

9.—(1) The occupier shall provide, for the use of all persons employed in the processes or work included in the Second Schedule to these Regulations, protective clothing of suitable design and material as set out in that Schedule.

(2) All protective clothing provided in pursuance of this Regulation shall be maintained by the occupier in good repair and the occupier shall have the overalls and headcoverings washed or renewed weekly, such washing to be done at the factory or at a laundry.

(3) All protective clothing provided in pursuance of this Regulation shall be kept in proper custody when not in use; and for the accommodation of such clothing the occupier shall provide suitable and suitably situated cupboards or rooms and in such cupboards or rooms a separate peg for each worker required to wear such clothing.

(4) The accommodation provided in pursuance of paragraph (3) of this Regulation shall not be in a room or place provided for the taking of meals and shall be separate from the accommodation provided for clothing put off during working hours.

Duties of employed persons with regard to protective clothing

10.—(1) Every person employed in any process or work for which protective clothing is required to be provided by Regulation 9 shall wear that clothing when employed in the process of work.

(2) Every person for whom protective clothing is required to be provided by Regulation 9 shall deposit that clothing after use in the accommodation provided in pursuance of paragraph (3) of that Regulation and shall not take it home or into any place provided for the taking of meals.

(3) Every person for whom a waterproof apron is required to be provided by Regulation 9 shall thoroughly clean it daily by sponging or other wet method.

Outdoor Clothing

11. Without prejudice to the requirements of Section 43 of the principal Act, the accommodation for clothing put off during working hours and the arrangements for drying such clothing shall be outside any room in which is carried on any dusty process or shall be enclosed from the general air of any such room and shall not, unless the occupier holds written permission from the Inspector for the District, be in any room or place provided for the taking of meals.

Mess Rooms and Food Storage

13.—(1) There shall be provided and maintained for the use of all persons employed in any potters' shop a suitable messroom or messrooms which shall be furnished with:—

(*a*) sufficient tables and chairs or benches with back rests, and

(*b*) adequate means of warming food and boiling water.

(2) Each room provided as a messroom shall be completely separated from any room in which a process is carried on, shall be placed under the charge of a responsible person, and shall be kept clean and adequately ventilated and lighted and sufficiently warmed for use during meal intervals.

(3) Suitable arrangements shall be made for persons employed in the places and processes specified in paragraph (1) of this Regulation to store their food during working hours.

Precautions relating to Food, Drink and Tobacco

14.—(2) No person shall during the intervals allowed to him for meals or rest, other than intervals allowed in the course of a spell of continuous employment as defined in subsection (5) of Section 152 of the principal Act, remain in any potters' shop.

Ventilation

15.—(1) In the case of every workroom there shall be provided for the admission of fresh air into the room sufficient inlets suitably placed and so constructed or with

such arrangements as to prevent a draught blowing directly from the inlet onto a worker.

(2) (*a*) The drying of pottery articles by means of heat shall, save as provided in sub-paragraphs (*b*) and (*c*) of this paragraph, be carried on only in drying stoves or in rooms set apart for that purpose.

(*b*) In so far as compliance with the foregoing requirement is not reasonably practicable by reason of the nature or size of the article or through lack of space, pottery articles may be left to be dried in a workroom, provided that in any such case (except where sub-paragraph (*c*) of this paragraph applies) ventilation shall so far as reasonably practicable be so arranged that there is not a flow of air towards the workers from the direction of the sources of artificial heat used for drying the articles.

(*c*) In the case of a workroom in which sanitary fireclay ware is dried by heat arising from the floor or from pipes near the floor, the requirements of sub-paragraph (*b*) of this paragraph shall not apply but the arrangements for ventilating the rooms shall, so far as reasonably practicable, be such as to facilitate the vertically upward movement of air from the articles being dried.

(5) The requirements of this Regulation shall be without prejudice to the provisions of Section 4 of the principal Act

Temperature

16.—(1) The dry-bulb temperature in any workroom shall not, while work is going on, be above 75 degrees Farenheit: provided that when the temperature in the shade in the open air exceeds 65 degrees Farenheit the temperature in the workroom may exceed 75 degrees Fahrenheit but may not exceed by more than 10 degrees the temperature in the shade in the open air.

(3) A suitable thermometer shall be provided and maintained in a suitable position in every workroom.

(4) Where any person is in an oven for the purpose of drawing, the temperature at his head-height shall not exceed 115 degrees Farenheit.

(5) Upon demand being made at any time by persons employed or immediately proposed to be employed in an oven for the purpose of drawing,the temperature in the oven shall be taken by the occupier or his representative and the occupier shall provide a suitable thermometer for the purpose.

(6) The requirements of this Regulation shall be without prejudice to the provisions of Section 3 of the principal Act.

Exhaust Draught

17.—(1) The following processes shall not be carried on without the use of an efficient exhaust draught:—

(iv) the dry grinding of any material other than flint or quartz for a pottery body, unless the process is carried on in a machine or plant which is so enclosed as effectually to prevent the escape of dust into the air of any place where any person works;

(vii) fettling other than damp fettling;

(viii) damp fettling, unless suitable arrangements are made for collecting scraps from the fettling;

(xvi) the spraying-on of an engobe or slip which contains flint or quartz;

(xvii) ware-cleaning, except where this is done:—

(*a*) entirely with the use of wet materials, or

(*b*) while the article is so damp that no dust is given off;

(xx) glaze spraying or glaze blowing;

(xxiv) the polishing of ware;

(xxv) the grinding of ware on a dry sandstone wheel.

(2) Every process for which an exhaust draught is required by this Regulation shall be carried on inside a suitable hood: provided that where this is impracticable it shall be sufficient if the work is done within the effective range of an exhaust opening.

(3) All screens and sieves and all chutes, conveyors, elevators and mixers used for manipulating materials containing flint or quartz so dry as to produce dust shall be enclosed and be provided with an efficient exhaust draught.

(4) In connection with ware-cleaning, suitable arrangements shall be made for any glaze dust or glaze scraps not removed by exhaust draught to fall into water.

(5) Every hood in which glaze spraying or glaze blowing is carried on shall be thoroughly cleaned daily by a wet method.

(6) Dust removed by exhaust ventilating plant used in connection with any of the processes specified in paragraph (1) of this Regulation shall be collected in suitable apparatus and shall not be allowed to escape into the air of any workroom.

Provided that, except in cases where the Inspector for the District certifies that dust collecting apparatus is in his opinion called for, having regard to the amount of dust involved or to the position at which this is discharged from the ventilating plant, such apparatus shall not be required in the case of ventilating plant used solely in connection with any of the following processes:—

(ii) ware-cleaning;

(iv) the polishing of ware.

(7) Air discharged from exhaust ventilating plant used in connection with any of the processes specified in paragraph (1) of this Regulation shall, whether or not it has passed through dust collecting apparatus, be discharged directly into the open air where it is not liable to be drawn into the air of any workroom.

(8) All ventilating plant and dust collecting apparatus required by this Regulation shall be properly maintained and shall at least once in every period of fourteen months be thoroughly examined and tested by a competent person; and a report of the result of every such examination and test signed by the person making the examination and test and including particulars as to the state of the plant and any defects found shall forthwith be entered in a register which shall be kept at the factory in a form approved by the Chief Inspector.

(9) The requirements of this Regulation shall be without prejudice to the provisions of Section 47 of the principal Act (which relates to the removal of dust or fumes).

Floors

18.—(1) The floor of every slip-house shall:—

(*a*) be impervious to water and of even surface;

(*b*) be so constructed and maintained as to prevent the formation of pools of water or slip; and

(*c*) be swilled daily and kept clean;

and in connection with every such floor there shall be effective and suitable drainage arrangements for carrying off water from the floor.

(3)—(*a*) In all potters' shops, including such drying stoves as are entered by workpeople, and in all places where any of the following processes is carried on, namely:—

(viii) the application of majolica or other glaze by blowing, painting or any other process except dipping;

there shall, subject to sub-paragraphs (*b*) and (*c*) of this paragraph, be provided and maintained either floors having a surface impervious to water or wooden floors with a thoroughly smooth and sound surface constructed in a substantial manner and kept in good repair so that they can be properly cleaned by a moist method and so that no dust can fall through into any room below.

(*b*) In the case of:—

(i) potters' shops, including such drying stoves as are entered by workpeople,

but subject to sub-paragraph (*c*) of this paragraph and to paragraph (12) of this Regulation, all floors constructed or reconstructed after the commencement of these Regulations shall be impervious to water and of even surface and shall be capable of being washed down by a hose; and all other floors shall after the expiry of five years from the commencement of these Regulations have an even surface impervious to water.

(*c*) Notwithstanding sub-paragraphs (*a*) and (*b*) of this paragraph, there may be grids in floors where they are approved by certificate of the Inspector for the District, but in any such case the spaces below the grids shall be cleared of clay scraps, dust or debris whenever necessary and not less frequently than once in each week by an adult male who shall be provided with an approved respirator, and such cleaning shall only be carried out after work has ceased for the day and before 3 a.m. on the following day.

(*d*) Subject to the provisions of paragraph (12) of this Regulation, the floors of potters' shops, including such drying stoves as are entered by workpeople, and of places where any of the processes specified in sub-paragraph (*a*) of this paragraph is carried on, shall be thoroughly cleaned either:—

(i) daily by a moist method after work has ceased for the day and before 3 a.m. on the following day and also, in the case of any potters' shop having an impervious floor, by washing or mopping with water on at least one day in each week, or

(ii) daily with an efficient vacuum cleaning apparatus.

(*e*) All clay scraps and debris, including any which have collected under benches and stillages, shall be removed daily from the floors of potters' shops and of such drying stoves as are entered by workpeople.

(*f*) On each day between 12 noon and 2 p.m., at such time as the number of persons in the workroom is expected to be least, all clay scraps shall be removed from those parts of the floors of potters' shops on which persons are liable to tread.

(*g*) In all potters' shops and in all drying stoves which are entered by workpeople boxes shall be provided for the reception of clay scraps and broken ware.

(4) The floors of all places in which biscuit placing or glost placing is carried on shall:—

(*a*) be impervious floors of brick, flag or similar hard material;

(*b*) be kept in good repair; and

(*c*) be thoroughly cleaned by a moist method whenever the work of setting in an an oven has ceased, and in any case at least once on any day on which biscuit placing or glost placing is done.

(7) The washing and cleaning of floors and removal of clay required by sub-paragraphs (*c*), (*d*), (*e*) and (*f*) of paragraph (3) of this Regulation shall be carried out by adult males nominated by the occupier for the purpose.

(8) Any steam pipes or other means of heating in drying-rooms or stoves or other places where pottery articles are left to dry shall, if installed after the commencement of these Regulations, and in any case after the expiry of five years from such commencement, be so arranged that they do not interfere with the cleaning of the floor.

(9) Stillages and shelves in any room or place specifically mentioned in any of the foregoing paragraphs of this Regulation shall not be so arranged as to impede the thorough cleaning of the floor underneath them.

(10) The floors of all workrooms or parts of workrooms not specifically mentioned in any of the foregoing paragraphs of this Regulation shall be maintained in such condition that they can be thoroughly cleaned by a moist method or with vacuum cleaning apparatus and shall be so cleaned daily.

(11) The foregoing requirements as to the daily cleaning of floors shall not apply to those parts of floors on or immediately above which pottery articles are necessarily left overnight, but adequate arrangements shall be made for the cleaning of such parts of the floors as soon as the articles are removed.

(12) The requirements of sub-paragraph (*b*) of paragraph (3) of this Regulation, and so much of the requirements of sub-paragraph (*d*) of paragraph (3) as relates to the weekly washing or mopping with water of impervious floors, shall not apply to the floors of rooms in which sanitary fireclay ware is dried by heat arising from the floor or from pipes near the floor.

(13) In the case of a slip-house where, at the commencement of these Regulations, the requirements of paragraph (1) of this Regulation as to the construction of the floor (including the requirements of sub-paragraph (*a*)) are not complied with, the Chief Inspector may by certificate temporarily exempt that slip-house from the application of those requirements if he is satisfied that, at the date of the certificate, the occupier of the factory has taken all reasonable steps towards ensuring compliance with the requirements but that such compliance has not become practicable.

Work-benches

19.—(2) The surface of every work-bench shall:—

(*a*) if not constructed of or covered with sheet metal or other material impervious to water, be strongly and solidily constructed of closely jointed timber and well maintained; and

(*b*) be thoroughly cleaned by a moist method or with an efficient vacuum cleaning apparatus on every day on which the work-bench is used.

(3) The requirements of sub-paragraph (*b*) of paragraph (2) of this Regulation shall not apply:—

(*a*) to work-benches, or parts of work-benches on which pottery articles are necessarily left overnight, provided that adequate arrangements are made for the cleaning of such work-benches or parts of work-benches as soon as the articles are removed.

(4) Stands or frames used for supporting sanitary fireclay ware shall not be deemed to be work-benches for the purposes of the foregoing paragraphs of this Regulation, notwithstanding that work is done upon the ware while it is so supported.

Moulds

20.—(2) Sufficient suitable provision shall be made for the storage of all moulds which are not in use.

(3) An approved respirator shall be provided for any person working in a mould store who elects to use it.

Separation of Processes

28.—(3) Every slip-house shall for the purpose of excluding dust be effectually separated from:—

(*c*) any place in which the dry grinding or sieving of materials for pottery bodies is carried on.

General Suppression of Dust

29.—(1) The following requirements (which shall be without prejudice to any other requirement of these Regulations) shall apply to potters' shops and to any place where clay is dried:—

(*a*) All parts of beams, ledges and fixtures more than seven feet six inches above the floor shall be cleaned at least once in every period of fourteen months.

(*b*) All parts of beams, ledges, fixtures, shelving and furniture not more than seven feet six inches above the floor shall be cleaned:—

(i) in factories or parts of factories in which sanitary fireclay ware or flintless stoneware is made, at least once in every period of fourteen months:

Provided that the cleaning shall be done at least once in every period of three months in any factory or part of a factory in respect of which the Inspector for the District has issued and there remains in force a certificate that this is in his opinion needed;

(*c*) The cleaning required by sub-paragraphs (*a*) and (*b*) of this paragraph shall be done:—

(i) by adult males nominated by the occupier for the purpose, and

(ii) with an efficient vacuum cleaning apparatus or by some other effective and suitable method, and not by sweeping.

(*d*) A record of the dates and particulars of such cleaning shall be kept in a form approved in writing by the Chief Inspector.

(2) All practicable means shall be adopted, by damping or otherwise, to prevent dust arising during the handling of shraff, scrap or other waste material.

(3) Every worker shall so conduct his or her work as to avoid, so far as practicable, creating or scattering dust, scrap or refuse or causing accumulations thereof.

Respirators

30.—(1) The occupier shall provide and maintain sufficient approved respirators for the purposes of these Regulations and shall make arrangements so that each respirator bears a distinguishing mark indicating the person for whose use it is issued.

(2) The occupier shall provide suitable accommodation for the storage of respirators when not in use, a separate cupboard or receptacle being provided for each worker to whom a respirator is issued.

(3) The accommodation provided in pursuance of paragraph (2) of this Regulation shall not be in a room or place provided for the taking of meals and shall be separate from the accommodation provided for clothing put off during working hours.

(4) Every person for whom an approved respirator is provided in pursuance of these

Regulations shall make proper use of that respirator and shall deposit it after use in the accommodation provided in pursuance of this Regulation.

Works Yards

31. All parts of yards and passage-ways where persons are liable to pass shall be so paved, concreted or otherwise suitably surfaced as to prevent water standing, and the surfacing shall be maintained in good repair.

Observance of Regulations

32.—(1) Without prejudice to the obligations of the occupier and of other persons under these Regulations, one or more persons shall be specially appointed by the occupier to see to the observance of these Regulations throughout the factory and the occupier may assign different parts or departments of the factory to different persons for this purpose.

(2) Each person so appointed shall be a competent person fully conversant with the meaning and application of the Regulations in so far as they relate to the factory or to those parts or departments of the factory assigned to him as the case may be.

(3) The names of all persons so appointed shall be entered in the Health Register mentioned in Regulation 8 and shall also be given in a notice or notices which shall be kept posted in a prominent position or positions in the factory.

(4) It shall be the duty of each person so appointed to carry out systematic inspections with regard to the observance of these Regulations throughout the factory or in the parts or departments of the factory assigned to him, as the case may be.

(5) Each person so appointed shall be provided by the occupier with a book in which shall be kept a daily record indicating whether any, and if so what, breaches of the Regulations have been seen by the appointed person or have been reported to him, and the steps taken to remedy, or with a view to the remedying of or to prevent a recurrence of, such breach.

(6) Each entry in the book shall be dated and initialled by the person so appointed and at the end of each week there shall be posted in each workroom a copy of any of the recorded entries which relate to that workroom.

(7) It shall be the duty of every person employed to co-operate in the carrying out of these Regulations and, if he discovers any defect in the plant or appliances, to remove such defect or report it without unreasonable delay to his employer or foreman, or to a person appointed by the occupier under the foregoing requirements of this Regulation.

SECOND SCHEDULE

PROTECTIVE CLOTHING

(Regulation 9)

(1) Protective clothing shall be provided by the occupier in pursuance of Regulation 9 for the use of all persons employed in the processes or work included in column (*a*) of the table below and the clothing provided shall (subject to paragraphs (3) and (4) below) be that indicated opposite the respective processes or work in columns (*b*), (*c*), (*d*), and (*e*) of that table.

(2) For the purposes of the table below:—

"WO" means washable overalls, and includes overalls of the "bib and brace" type and the garments usually known as "potter's slops".

"WA" means washable aprons with bibs.

"IA" means aprons with bibs and made of material impervious to water.

"WH" means washable head coverings.

(3) For persons employed in any process or work for which washable aprons with bibs are required under column (*c*) of the table below, the occupier may instead provide either:—

(i) washable overalls, or

(ii) aprons with bibs and made of material impervious to water,

and shall provide such overalls or aprons, as the case may be, if the Inspector for the District has issued and there remains in force a certificate in respect of a factory or a particular part of a factory that they are in his opinion needed having regard to the conditions under which the process or work is carried on in that factory or that particular part of it.

(4) For persons employed in any process or work for which impervious aprons are required under column (*d*) of the table below and for which washable overalls are not required under column (*b*) of that table, the occupier shall provide such overalls in addition to the aprons if the Inspector for the District has issued and there remains in force a certificate that overalls are in his opinion needed having regard to the conditions under which the process or work is carried on in the factory to which the certificate relates.

(*a*)	Protective clothing to be provided			
	(*b*)	(*c*)	(*d*)	(*e*)
Process or work	Washable overalls	Washable aprons	Aprons with bibs and made of material impervious to water	Washable head coverings
(2) Any process involving exposure to ground or powdered flint or quartz ...	WO			
(3) The grinding or tempering of fireclay or grog ...	WO			
(4) Work in the slip-house ...	WO		IA	
(5) The making, mixing or storage of leadless glaze or of engobe or slip	WO			
(9) The loading, carrying, conveying or unloading of clay or clay scraps	WO			
(11) The casting or pressing of sanitary fireclay ware or of flintless stoneware ...		WA		
(16) Damp fettling		WA		
(17) All other fettling	WO		IA	
(18) All other processes in potters' shops not specifically mentioned above		WA		
(19) The application of engobe or slip, or the application to sanitary fireclay ware or glaze in leadless glaze factories	WO		IA	
(20) Biscuit placing	WO			
(24) Ware-cleaning in leadless glaze factories			IA	
(27) Cleaning any part of the factory or plant where there is liable to be flint or quartz or clay dust, or emptying the collectors of dust extraction plants	WO			WH

SCHEDULE 2

Article 3(*b*)
F 1048

POTTERY (HEALTH AND WELFARE) SPECIAL REGULATIONS 1950

Abstract for posting in certain leadless glaze factories

Interpretation

2.—(2) In these Regulations, unless the context otherwise requires, the following expressions have the meanings hereby assigned to them:—

"Appointed doctor" means a fully registered medical practitioner appointed by written certificate of the Chief Employment Medical Adviser or of a Deputy Chief Employment Medical Adviser for such of the purposes of these Regulations as are specified in the certificate.

"Approved respirator" means a respirator of a type for the time being approved in writing by the Chief Inspector for all or any of the purposes of these Regulations.

"Damp fettling" means fettling done either:—

(*a*) wholly with a wet sponge or other wet material, or

(*b*) while the ware being fettled is still so damp that no dust is given off.

"Efficient exhaust draught," when that expression is used in connection with a process, means an exhaust draught which effectively removes, as near as possible to the point of origin, dust, fume or spray generated in the process.

"Employment medical adviser" means an employment medical adviser appointed under the provisions of the Employment Medical Advisory Service Act 1972.

"Fettling" includes scalloping, towing, sand-papering, sand-sticking and any other process of fettling.

"Flint or quartz milling" includes the calcining of flint and the sieving, crushing, grinding or any other manipulation of flint or quartz in or incidental to the manufacture of ground or powdered flint or quartz.

"Flintless stoneware" means stoneware the body of which consists of natural clay to which no flint or quartz or other form of free silica has been added.

"Flow material" means any material which contains a lead compound and which is placed in saggars with a view to its entire or partial volatilisation during the glost firing of the ware.

"Glaze" does not include an engobe or slip.

"Glost placing" includes:—

(i) the placing of ware coated with unfired glaze onto cranks or similar articles prior to their transference to saggars, trucks, ovens or kilns for glost firing;

(ii) the placing of such ware into saggars or onto trucks or onto oven-conveyors;

(iii) the placing of saggars containing such ware into ovens or kilns or onto trucks; and

(iv) the removal and carrying of saggars or cranks from the oven, kiln or truck after glost firing except in the case of tunnel ovens.

"Leadless glaze" means a glaze which does not contain more than one per cent. of its dry weight of a lead compound calculated as lead monoxide.

"Leadless glaze factory" means a factory the occupier of which has given an undertaking to the satisfaction of the Chief Inspector that none but leadless glaze shall be used therein and in which none but leadless glaze is in fact used.

"Moist method," when that expression is used in relation to cleaning, means a method of cleaning in which damp sawdust or other suitable damp material is used and which prevents dust rising into the air during the cleaning process.

"Potters' shops" includes all places where pottery is formed by pressing or by any other process and all places where shaping, fettling or other treatment of pottery articles prior to placing for the biscuit fire is carried on.

"Pottery" includes china, earthenware and any article made from clay or froma mixture containing clay and other materials.

"Scheduled process" means a process included in Parts I or II of the First Schedule to these Regulations.

"Slip-house" includes any place where blunging is carried on.

"Stopping of biscuit ware" means the filling up of cracks in ware which has been fired but to which glaze has not been applied.

"Thimble picking" means the picking over, sorting or rearranging for further use of thimbles, stilts, spurs, strips, saddles or any similar articles which have been used for the support of pottery articles during the process of glost firing.

"Ware-cleaning" means the removal of surplus glaze from ware after the application of the glaze but before glost firing, and includes panel-cutting.

"Wedging of clay" means the treatment of clay which has not been pugged or rolled, by raising one piece of clay by hand and bringing it down upon another piece; but does not include the process, frequently known as "slapping of clay," in which two pieces of clay each small enough to be held in one hand are slapped together.

Application of Regulations

3.—Subject to the provisions of Regulations 4 and 5, these Regulations shall apply to all factories in which the manufacture or decoration of pottery is carried on, or in which, for use in the manufacture or decoration of pottery, lithographic transfers, frits or glazes are made, or flint or quartz is ground or powdered, or ground or powdered flint or quartz is mixed with clay or other material to form the body of the ware.

Factories excluded from the Regulations

4.—(1) Nothing in these Regulations shall apply to a factory in which any of the following articles but no other pottery is made:—

(*a*) unglazed or salt-glazed ware made from natural clay in the plastic state, to which no flint or quartz or other form of free silica is or has been added;

(*b*) bricks glazed or unglazed;

(*c*) architectural terra-cotta made from plastic clay and either unglazed or glazed with a leadless glaze only.

(2) Nothing in these Regulations shall apply to the manufacture of potters' colours in a factory in which no pottery is manufactured or decorated.

Certificates of Exemption

5.—(1) These Regulations, or such of them as may be specified, shall not apply to a factory or to a part or parts of a factory if a certificate in writing to that effect has been issued by the Chief Inspector.

(2) The Chief Inspector may issue a certificate for the purpose of paragraph (1) of this Regulation if he is satisfied with respect to the Regulations specified therein:—

(*a*) that they are not necessary for the protection of the persons employed in the factory or part thereof; or

(*b*) that their application is impracticable in the circumstances; or

(*c*) that their application is inappropriate by reason of the fact that the industry carried on in the part of the factory to which the certificate relates is separate and distinct from the operations specified in Regulation 3 hereof.

(3) Any such certificate as aforesaid may be issued subject to such conditions as the Chief Inspector thinks fit and may be revoked by him at any time.

(4) Where any such certificate as aforesaid is issued a legible copy thereof showing the conditions subject to which it has been granted shall be kept posted up in the factory to which it relates in a position where it may conveniently be read by the persons employed.

Prohibition of employment of women and young persons in certain processes

6.—(1) No woman or young person shall be employed or work in the following processes:—

(vii) the cleaning or scraping of floors of potters' shops or drying stoves, but the occasional picking or scraping up of a piece of clay or other material shall not be deemed to be cleaning or scraping for this purpose;

(viii) the grinding of clay dust;

(ix) the wedging of clay;

(x) wheel turning for a thrower;

(xi) flint or quartz milling.

(2) (*a*) No woman or young person shall be employed to load, carry or unload clay, clay dust or clay scraps, except that, without prejudice to paragraph (7) of this Regulation:—

(i) a woman or young person may load, carry or unload clay scraps made by that woman or young person or by the maker for whom that woman or young person is working) provided that no such carrying is done to any point more than 50 yards from the place where the scraps were made and the total weight of the scraps and the container in which they are being carried does not exceed 40 lbs.; and

(ii) a woman or young person who has attained the age of sixteen may carry damp clay for the use of a thrower for whom that woman or young person is employed as an assistant, if the carrying is done from a point not more than 50 yards from the thrower's place of work and on the same floor level and if the total weight of the clay and any container in which it is being carried does not exceed 40 lbs.

(*b*) For the purposes of sub-paragraph (*a*) of this paragraph the transfer of clay or clay scraps between the surface of a work-bench and the surface of a conveyor adjacent to the work-bench shall not be deemed to be loading or unloading.

(3) No young person shall be employed or work:—

(ii) as a wheel turner at a press for pressing tiles.

(5) No girl under sixteen years of age shall be employed or work as a lathe treader.

(6) A woman shall not be employed:—

(*a*) to lift or carry by herself any saggar or saggars if the weight thereof, including the contents, exceeds 30 lbs.;

(*b*) to lift or carry in conjunction with any other person any saggar or saggars if the weight thereof, including the contents, exceeds 50 lbs.;

(*c*) either by herself or in conjunction with any other person, so to raise or stack any saggar or saggars that the bottom of any of the saggars is more than four feet six inches above the floor level:

Provided that the maximum weights specified in sub-paragraphs (*a*) and (*b*) of this

paragraph may be increased to 50 lbs. and 80 lbs. respectively if the saggar or saggars are moved a total distance of not more than six feet from one part of a work-bench either to an adjacent part of the same work-bench, or to an adjacent stand or conveyor, on approximately the same level.

(7) Without prejudice to the provisions of subsection (1) of Section 56 of the principal Act (which provides that 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) a young person shall not be employed in lifting or carrying work, except in the lifting or carrying of a weight not exceeding 20 lbs., unless there is a certificate of an employment medical adviser or appointed doctor entered in the Health Register referred to in paragraph (i) of Regulation 8 specifying the maximum weight which that young person may lift or carry, and the young person shall not be employed to lift or carry any weight in excess of that specified in the certificate:

Provided that an employment medical adviser or an appointed doctor may at any any time revoke or modify any such certificate or attach thereto a condition that the young person shall be re-examined by an employment medical adviser or an appointed doctor after such interval as may be specified therein.

Medical Examinations

7.—(2) The occupier shall make arrangements:—

(*b*) for the examination by an employment medical adviser or an appointed doctor of any person whom he proposes to employ in work for which a certificate of an employment medical adviser or an appointed doctor is required under paragraph (7) of Regulation 6 (which relates to the employment of young persons in lifting or carrying work);

due notice of the examinations shall be given by the occupier to all concerned and it shall be the duty of persons so employed to submit themselves for examination by an employment medical adviser or the appointed doctor at the appointed times:

(5) The occupier shall provide for the purpose of examinations by an employment medical adviser or an appointed doctor under any of these Regulations (for the exclusive use of an employment medical adviser or an appointed doctor on the occasion of an examination) a room which shall be properly cleaned and adequately warmed and lighted and furnished with a screen, a table (with writing materials) and chairs, and shall afford to an employment medical adviser or an appointed doctor facilities to inspect any process or work in or on which a person being examined by an employment medical adviser or an appointed doctor is or is proposed to be or has been employed.

Health Registers

8.—(1) A Health Register for the factory shall be kept in a form approved by the Chief Inspector and shall contain the names of all persons who are or who have since the commencement of these Regulations been employed at the factory in work for which a certificate of an employment medical adviser or an appointed doctor is required under paragraph (7) of Regulation 6 (which relates to the employment of young persons in lifting or carrying work). The Register shall be open to inspection by any person employed so far as concerns the entries relating to that person.

Protective Clothing

9.—(1) The occupier shall provide, for the use of all persons employed in the processes or work included in the Second Schedule to these Regulations, protective clothing of suitable design and material as set out in that Schedule.

(2) All protective clothing provided in pursuance of this Regulation shall be maintained by the occupier in good repair and the occupier shall have the overalls and head coverings washed or renewed weekly, such washing to be done at the factory or at a laundry.

(3) All protective clothing provided in pursuance of this Regulation shall be kept in proper custody when not in use; and for the accommodation of such clothing the occupier shall provide suitable and suitably situated cupboards or rooms and in such cupboards or rooms a separate peg for each worker required to wear such clothing.

(4) The accommodation provided in pursuance of paragraph (3) of this Regulation shall not be in a room or place provided for the taking of meals and shall be separate from the accommodation provided for clothing put off during working hours.

Duties of employed persons with regard to protective clothing

10.—(1) Every person employed in any process or work for which protective clothing is required to be provided by Regulation 9 shall wear that clothing when employed in the process or work.

(2) Every person for whom protective clothing is required to be provided by Regulation 9 shall deposit that clothing after use in the accommodation provided in pursuance of paragraph (3) of that Regulation and shall not take it home or into any place provided for the taking of meals.

(3) Every person for whom a waterproof apron is required to be provided by Regulation 9 shall thoroughly clean it daily by sponging or other wet method.

Outdoor Clothing

11. Without prejudice to the requirements of Section 43 of the principal Act, the accommodation for clothing put off during working hours and the arrangements for drying such clothing shall be outside any room in which is carried on any dusty process or shall be enclosed from the general air of any such room and shall not, unless the occupier holds written permission from the Inspector for the District, be in any room or place provided for the taking of meals.

Mess Rooms and Food Storage

13.—(1) There shall be provided and maintained for the use of all persons employed in any potters' shop or in any place where clay dust is prepared or where flint or quatrz milling is carried on, a suitable messroom or messrooms which shall be furnished with:—

(*a*) sufficient tables and chairs or benches with back rests, and

(*b*) adequate means of warming food and boiling water.

(2) Each room provided as a messroom shall be completely separated from any room in which a process is carried on, shall be placed under the charge of a responsible person, and shall be kept clean and adequately ventilated and lighted and sufficiently warmed for use during intervals.

(3) Suitable arrangements shall be made for persons employed in the places and processes specified in paragraph (1) of this Regulation to store their food during working hours.

Precautions relating to Food, Drink and Tobcaco

14.—(2) No person shall during the intervals allowed to him for meals or rest, other than intervals allowed in the course of a spell of continuous employment as defined in subsection (5) of Section 152 of the principal Act, remain in any potters' shop or in any place where clay dust is prepared or where flint or quartz milling is carried on.

Ventilation

15.—(1) In the case of every workroom there shall be provided for the admission of

fresh air into the room sufficient inlets suitably placed and so constructed or with such arrangements as to prevent a draught blowing directly from the inlet onto a worker.

(2) (*a*) The drying of pottery articles by means of heat shall, save as provided in sub-paragraphs (*b*) and (*c*) of this paragraph, be carried on only in drying stoves or in rooms set apart for that purpose.

(*b*) In so far as compliance with the foregoing requirement is not reasonably practicable by reason of the nature or size of the article or through lack of space, pottery articles may be left to be dried in a workroom, provided that in any such case (except where sub-paragraph (*c*) of this paragraph applies) ventilation shall so far as reasonably practicable be so arranged that there is not a flow of air towards the workers from the direction of the sources of artificial heat used for drying the articles.

(3) Every drying stove, dryer and mangle shall be so ventillated that there is no flow of hot air from the stove, dryer or mangle into any place where any person works.

(4) In the case of vertical or tower mangles the pipes used for heating shall not be fixed below the level of the top of any opening at which workers put in or take off ware.

(5) The requirements of this Regulation shall be without prejudice to the provisions of Section 4 of the principal Act.

Temperature

16.—(1) The dry-bulb temperature in any workroom shall not, while work is going on, be above 75 degrees Fahrenheit: provided that when the temperature in the shade in the open air exceeds 65 degrees Fahrenheit the temperature in the workroom may exceed 75 degrees Fahrenheit but may not exceed by more than 10 degreee the temperature in the shade in the open air.

(2) The dry-bulb temperature in any workroom in which pottery is made by the compression of clay dust or is fettled after being so made shall not after the first hour be less than 55 degrees Fahrenheit while work is going on.

(3) A suitable thermometer shall be provided and maintained in a suitable position in every workroom.

(4) When any person is in an oven for the purpose of drawing, the temperature at his head-height shall not exceed 115 degrees Fahrenheit.

(5) Upon demand being made at any time by persons employed or immediately proposed to be employed in an oven for the purpose of drawing, the temperature in the oven shall be taken by the occupier or his representative and the occupier shall provide a suitable thermometer for the purpose.

(6) The requirements of this Regulation shall be without prejudice to the provision of Section 3 of the principal Act.

Exhaust Draught

17.—(1) The following processes shall not be carried on without the use of an efficient exhaust draught:—

(i) the manipulation of calcined flint at the mouth of the calcining kiln, unless the material has been made and remains so wet that no dust is given off;

(ii) the sieving of material drawn from the calcining kiln after the calcining of flint, unless the material has been made and remains so wet that no dust is given off;

(iii) the crushing or grinding of flint or quartz, unless the material has been made and remains so wet, or the process is carried on in a machine or plant

which is so enclosed, as effectually to prevent the escape of dust into the air of any place where any person works;

(iv) the dry grinding of any material other than flint or quartz for a pottery body, unless the process is carried on in a machine or plant which is so enclosed as effectually to prevent the escape of dust into the air of any place where any person works;

(v) the sifting of clay dust for making tiles or other pottery articles by pressure, unless the material is so damp that no dust is given off;

(vi) the loading or unloading of calcined flint or of quartz or clay dust into or from any container or machine, unless the material is so damp that no dust is given off;

(vii) fettling other than damp fettling;

(viii) damp fettling, unless suitable arrangements are made for collecting scraps from the fettling and, except in the case of sanitary fireclay were, for preventing them from falling onto the floor;

(ix) the pressing of tiles or (unless the material is so damp that no dust is given off) of other articles from clay dust; and in any such case the exhaust draught shall be applied to the dies of each press and to the stock-boxes containing the dust;

(x) the brushing of earthenware biscuit, including earthenware tile biscuit and sanitary earthenware biscuit, unless the process is carried on in a room provided with a system of general ventilation affected with the aid of mechanical means, being a system which is certified by the Inspector for the District as being adequate in the circumstances of the case if properly maintained and which is in fact properly maintained;

(xi) the placing of china for the biscuit fire if alumina or other powdered material is used;

(xii) the emptying of china biscuit flat-ware from saggars after firing in alumina or other powdered material;

(xiii) flat-knocking;

(xiv) the scouring of china biscuit by brushing or rumbling, if alumina or other powdered substance has been used as a placing material;

(xv) the sieving of alumina or other powdered placing material;

(xvi) the spraying-on of an engobe or slip which contains flint or quartz;

(xvii) ware-cleaning, except where this is done:—

(*a*) entirely with the use of wet materials, or

(*b*) while the article is so damp that no dust is given off;

(xix) the lawning of dry colours, except where not more than one ounce at a time is lawned for use in painting;

(xx) glaze spraying or glaze blowing;

(xxiv) the polishing of ware;

(xxv) the grinding of ware on a dry sandstone wheel;

(xxvi) the sorting of glost ware with a power-driven tool;

(xxvii) the grinding of tiles on a power-driven wheel in connection with tile-slabbing, unless an efficient water spray is used on the wheel.

(2) Every process for which an exhaust draught is required by this Regulation shall

be carried on inside a suitable hood: provided that where this is impracticable it shall be sufficient if the work is done within the effective range of an exhaust opening.

(3) All screens and seives and all chutes, conveyors, elevators and mixers used for manipulating materials containing flint or quartz so dry as to produce dust shall be enclosed and be provided with an efficient exhaust draught.

(4) In connection with ware-cleaning, suitable arrangements shall be made for any glaze dust or glaze scraps not removed by exhaust draught to fall into water.

(5) Every hood in which glaze spraying or glaze blowing is carried on shall be thoroughly cleaned daily by a wet method.

(6) Dust removed by exhaust ventilating plant used in connection with any of the processes specified in paragraph (1) of this Regulation shall be collected in suitable apparatus and shall not be allowed to escape into the air of any workroom:

Provided that, except in cases where the Inspector for the District certifies that dust collecting apparatus is in his opinion called for, having regard to the amount of dust involved or to the position at which this is discharged from the ventilating plant, such apparatus shall not be required in the case of ventilating plant used solely in connection with any of the following processes:—

(i) the brushing of earthenware biscuit;

(ii) ware-cleaning;

(iv) the polishing of ware;

(v) the sorting of glost ware with a power-driven tool;

(vi) the grinding of tiles on a power-driven wheel.

(7) Air discharged from exhaust ventilating plant used in connection with any of the processes specified in paragraph (1) of this Regulation shall, whether or not it has passed through dust collecting apparatus, be discharged directly into the open air where it is not liable to be drawn into the air of any workroom.

(8) All ventilating plant and dust collecting apparatus required by this Regulation shall be properly maintained and shall at least once in every period of fourteen months be thoroughly examined and tested by a competent person; and a report of the result of every such examination and test signed by the person making the examination and test and including particulars as to the state of the plant and any defects found shall forthwith be entered in a register which shall be kept at the factory in a form approved by the Chief Inspector.

(9) The requirements of this Regulation shall be without prejudice to the provisions of Section 47 of the principal Act (which relates to the removal of dust or fumes).

Floors

18.—(1) The floor of every slip-house shall:—

(*a*) be impervious to water and of even surface;

(*b*) be so constructed and maintained as to prevent the formation of pools of water or slip; and

(*c*) be swilled daily and kept clean;

and in connection with every such floor there shall be effective and suitable drainage arrangements for carrying off water from the floor.

(2) The floors of all places where the sieving, crushing or grinding of flint or of quartz is carried on shall:—

(*a*) be impervious floors of brick, flag or similar hard material;

(*b*) be kept in good repair; and

(*c*) be thoroughly cleaned daily by washing or swilling.

(3)—(*a*) In all potters' shops, including such drying stoves as are entered by work-people, and in all places where any of the following processes is carried on, namely:—

(i) the drying of clay or the preparation of clay dust;

(viii) the application of majolica or other glaze by blowing, painting or any other process except dipping;

there shall, subject to sub-paragraphs (*b*) and (*c*) of this paragraph, be provided and maintained either floors having a surface impervious to water or wooden floors with a thoroughly smooth and sound surface constructed in a substantial manner and kept in good repair so that they can be properly cleaned by a moist method and so that no dust can fall through into any room below.

(*b*) In the case of:—

(i) potters' shops, including such drying stoves as are entered by work-people, and

(ii) places where there is carried on the drying of clay or the preparation of clay dust,

but subject to sub-paragraph (*c*) of this paragraph, all floors constructed or reconstructed after the commencement of these Regulations shall be impervious to water and of even surface and shall be capable of being washed down by a hose; and all other floors shall after the expiry of five years from the commencement of these Regulations have an even surface impervious to water.

(*c*) Notwithstanding sub-paragraphs (*a*) and (*b*) of this paragraph, there may be grids in floors where they are approved by certificate of the Inspector for the District, but in any such case the spaces below the grids shall be cleared of clay scraps, dust or debris whenever necessary and not less frequently than once in each week by an adult male who shall be provided with an approved respirator, and such cleaning shall only be carried out after work has ceased for the day and before 3 a.m. on the following day.

(*d*) The floors of potters' shops, including such drying stoves as are entered by workpeople, and of places where any of the processes specified in sub-paragraph (*a*) of this paragraph is carried on, shall be thoroughly cleaned either—

(i) daily by a moist method after work has ceased for the day and before 3 a.m. on the following day and also, in the case of any potters' shop having an impervious floor, by washing or mopping with water on at least one day in each week, or

(ii) daily with an efficient vacuum cleaning apparatus.

(*e*) All clay scraps and debris, including any which have collected under benches and stillages, shall be removed daily from the floors of potters' shops and of such drying stoves as are entered by workpeople.

(*f*) On each day between 12 noon and 2 p.m., at such time as the number of persons in the workroom is expected to be least, all clay scraps shall be removed from those parts of the floors of potters' shops on which persons are liable to tread.

(*g*) In all potters' shops and in all drying stoves which are entered by workpeople boxes shall be provided for the reception of clay scraps and broken ware.

(4) The floors of all places in which biscuit placing or glost placing is carried on shall:—

(*a*) be impervious floors of brick, flag or similar hard material;

(*b*) be kept in good repair; and

(*c*) be thoroughly cleaned by a moist method whenever the work of setting in an oven has ceased, and in any case at least once on any day on which biscuit placing or glost placing is done.

(6) The floors of all places where dipping, drying after dipping or ware-cleaning is done shall, if the room was erected after the 2nd January, 1913, or if the floor is constructed or reconstructed after the commencement of these Regulations, be properly sloped towards a drain.

(7) The washing and cleaning of floors and removal of clay required by sub-paragraphs (*c*), (*d*), (*e*) and (*f*) of paragraph (3) and by paragraph (5) of this Regulation shall be carried out by adult males nominated by the occupier for the purpose.

(8) Any steam pipes or other means of heating in drying-rooms or stoves or other places where pottery articles are left to dry shall, if installed after the commencement of these Regulations, and in any case after the expiry of five years from such commencement, be so arranged that they do not interfere with the cleaning of the floor.

(9) Stillages and shelves in any room or place specifically mentioned in any of the foregoing paragraphs of this Regulation shall not be so arranged as to impede the thorough cleaning of the floor underneath them.

(10) The floors of all workrooms or parts of workrooms not specifically mentioned in any of the foregoing paragraphs of this Regulation shall be maintained in such condition that they can be thoroughly cleaned by a moist method or with vacuum cleaning apparatus and shall be so cleaned daily.

(11) The foregoing requirements as to the daily cleaning of floors shall not apply to those parts of floors on or immediately above which pottery articles are necessarily left overnight, but adequate arrangements shall be made for the cleaning of such parts of the floors as soon as the articles are removed.

(13) In the case of a slip-house where, at the commencement of these Regulations, the requirements of paragraph (1) of this Regulation as to the construction of the floor (including the requirements of sub-paragraph (*a*)) are not complied with, the Chief Inspector may by certificate temporarily exempt that slip-house from the application of those requirements if he is satisfied that, at the date of the certificate, the occupier of the factory has taken all reasonable steps towards ensuring compliance with the requirements but that such compliance has not become practicable.

Work-benches

19.—(2) The surface of every work-bench shall:—

(*a*) if not constructed of or covered with sheet metal or other material impervious to water, be strongly and solidly constructed of closely jointed timber and well maintained; and

(*b*) be thoroughly cleaned by a moist method or with an efficient vacuum cleaning apparatus on every day on which the work-bench is used.

(3) The requirements of sub-paragraph (*b*) of paragraph (2) of this Regulation shall not apply:—

(*a*) to work-benches, or parts of work-benches on which pottery articles are necessarily left overnight, provided that adequate arrangements are made for the cleaning of such work-benches or parts of work-benches as soon as the articles are removed; or

(*b*) to work-benches or parts of work-benches used wholly or mainly for the artistic painting of ware with the use of oil colours (including gilding) or the application of designs to ware by means of transfers.

Moulds

20.—(1) Sufficient suitable shelves or other accommodation, so arranged as not to interfere with the thorough cleaning of the floor of the room, shall be provided for moulds in use in potters' shops and in no case shall moulds be left on the floor of a workroom during the night;

(2) Sufficient suitable provision shall be made for the storage of all moulds which are not in use and the tops of drying stoves shall not be used for that purpose:

Provided that the tops of stoves may be so used if the occupier holds a certificate from the Inspector for the District that he is satisfied that sufficient other provision for the storage of moulds cannot reasonably be made available, and if the top of the stove is fully enclosed and there are reasonable means of access to all parts of the top.

(3) An approved respirator shall be provided for any person working in a mould store who elects to use it.

Preparation, Manipulation and Storage of Clay Dust

21. The following requirements shall apply in relation to the preparation, manipulation and storage of clay dust for use in the making of pottery:—

(*a*) dried clay shall not be transported from a drying-room or dryer by hand or on the head or shoulder; suitable trucks or other suitable means of conveyance shall be provided and used for the purpose;

(*b*) dried clay shall not be broken up by hand or by the use of hand tools;

(*c*) no person shall enter any dust storage ark except:—

(i) for the purpose of cleaning it, or

(ii) for the purpose of carrying out repairs or other similar work and then only if the ark has been cleaned since it was last in use,

and any person entering an ark for any such purpose shall be provided with an approved respirator;

(*d*) any person who uses a shovel or other hand implement for the purpose of filling boxes, trucks or other containers with dust for the pressing of tiles or of other pottery articles shall be provided with an approved respirator, and after the expiry of seven years from the commencement of these Regulations such filling shall not be done by shovelling or with the use of other hand implements;

(*e*) dust shall be transported in such a manner as to disperse as little dust as possible into the air and, without prejudice to the generality of this requirement, containers of dust shall not be transported by hand or on the head or shoulder but suitable trucks or other suitable means of conveyance shall be provided and used for the purpose;

(*f*) any person engaged in the transport of dust shall be provided with an approved respirator:

Provided that the Chief Inspector may, in the case of any factory, by certificate extend the period of seven years referred to in paragraph (*d*) of this Regulation if he is satisfied that, at the date of the certificate, the occupier has taken all reasonable steps towards ensuring compliance with the requirements of that paragraph but that such compliance has not become practicable.

Tile Presses

22. The following requirements shall apply in the case of tile presses used for the making of tiles by the compression of dust:—

(*a*) the control handle of every tile press shall be placed as near as practicable to table level and in no case shall it be above the shoulder level of the press operator;

(*b*) in any room in use as a tile press shop at the commencement of these Regulations:—

(i) the number of tile presses shall not exceed one in proportion to every seventy square feet of the floor area of the room;

(ii) the distance between the centres of the dies of any two presses shall not be less than five feet six inches in any direction; and

(iii) gangways used for the conveyance of dust shall not be less than six feet in width;

(*c*) in any room newly taken into use as a tile press shop after the commencement of these Regulations:—

(i) the number of tile presses shall not exceed one in proportion to every one hundred and twenty square feet of the floor area of the room;

(ii) the distance between the centres of the dies of any two presses shall not be less than nine feet in any direction; and

(iii) gangways used for the conveyance of dust shall not be less than seven feet six inches in width:

Provided that in shops in which no fettling is done by hand the distance between the centres of the dies of presses and the width of gangways need not exceed six feet six inches and six feet respectively.

Hydrofluoric Acid

26.—(1) Where hydrofluoric acid is used it shall be kept in vessels so constructed as to minimise the risk of accidental spillage and inhalation of its vapour, and implements used for applying the acid shall be so designed as to prevent the acid from running or creeping up the handle onto the fingers of the user.

(2) In any room or place in which such acid is used there shall be affixed a cautionary notice, in terms and in a form approved in writing by the Chief Inspector for the purposes of this Regulation, as to dangers, attendant upon the use of the acid and precautions which should be taken.

Separation of Processes

28.—(3) Every slip-house shall for the purpose of excluding dust be effectually separated from:—

(*a*) any place in which clay is dired,

(*b*) any place in which clay is taken from a drier, and

(*c*) any place in which the dry grinding or sieving of materials for pottery bodies is carried on.

General Suppression of Dust

29.—(1) The following requirements (which shall be without prejudice to any other requirement of these Regulations) shall apply to potters' shops and to any place where clay is dried or clay dust is prepared:—

(*a*) All parts of beams, ledges and fixtures more than seven feet six inches above the floor shall be cleaned at least once in every period of fourteen months.

(*b*) All parts of beams, ledges, fixtures, shelving and furniture not more than seven feet six inches above the floor shall be cleaned:—

(i) in factories or parts of factories in which flintless stoneware is made, at least once in every period of fourteen months:

Provided that the cleaning shall be done at least once in every period of three months in any factory or part of a factory in respect of which the Inspector for the District has issued and there remains in force a certificate that this is in his opinion needed;

(ii) in factories or parts of factories other than those included in sub-paragraph (i) above, at least once in every period of three months.

(*c*) The cleaning required by sub-paragraphs (*a*) and (*b*) of this paragraph shall be done:—

(i) by adult males nominated by the occupier for the purpose, and

(ii) with an efficient vacuum cleaning apparatus or by some other effective and suitable method, and not by sweeping.

(*d*) A record of the dates and particulars of such cleaning shall be kept in a form approved in writing by the Chief Inspector.

(2) All practicable means shall be adopted, by damping or otherwise, to prevent dust arising during the handling of shraff, scrap or other waste material.

(3) Every worker shall so conduct his or her work as to avoid, so far as practicable, creating or scattering dust, scrap or refuse or causing accumulations thereof.

(4) All material for thimble picking which is collected from floors or work-benches shall be riddled in an enclosed receptacle before it is taken to the place where the thimble picking is to be done.

Respirators

30.—(1) The occupier shall provide and maintain sufficient approved respirators for the purposes of these Regulations and shall make arrangements so that each respirator bears a distinguishing mark indicating the person for whose use it is issued.

(2) The occupier shall provide suitable accommodation for the storage of respirators when not in use, a separate cupboard or receptacle being provided for each worker to whom a respirator is issued.

(3) The accommodation provided in pursuance of paragraph (2) of this Regulation shall not be in a room or place provided for the taking of meals and shall be separate from the accommodation provided for clothing put off during working hours.

(4) Every person for whom an approved respirator is provided in pursuance of these Regulations shall make proper use of that respirator and shall deposit it after use in the accommodation provided in pursuance of this Regulation.

Works Yards

31. All parts of yards and passage-ways where persons are liable to pass shall be so paved, concreted or otherwise suitably surfaced as to prevent water standing, and the surfacing shall be maintained in good repair.

Observance of Regulations

32.—(1) Without prejudice to the obligations of the occupier and of other persons under these Regulations, one or more persons shall be specially appointed by the occupier to see to the observance of these Regulations throughout the factory and the occupier may assign different parts or departments of the factory to different persons for this purpose.

(2) Each person so appointed shall be a competent person fully conversant with the

meaning and application of the Regulations in so far as they relate to the factory or to those parts or departments of the factory assigned to him as the case may be.

(3) The names of all persons so appointed shall be entered in the Health Register mentioned in Regulation 8 and shall also be given in a notice or notices which shall be kept posted in a prominent position or positions in the factory.

(4) It shall be the duty of each person so appointed to carry out systematic inspections with regard to the observance of these Regulations throughout the factory or in the parts or departments of the factory assigned to him, as the case may be.

(5) Each person so appointed shall be provided by the occupier with a book in which shall be kept a daily record indicating whether any, and if so what, breaches of the Regulations have been seen by the appointed person or have been reported to him, and the steps taken to remedy, or with a view to the remedying of or to prevent a recurrence of, such breach.

(6) Each entry in the book shall be dated and initialled by the person so appointed and at the end of each week there shall be posted in each workroom a copy of any of the recorded entries which relate to that workroom.

(7) It shall be the duty of every person employed to co-operate in the carrying out of these Regulations and, if he discovers any defect in the plant or appliances, to remove such defect or report it without unreasonable delay to his employer or foreman, or to a person appointed by the occupier under the foregoing requirements of this Regulation.

First Schedule

Scheduled Processes

(Regulations 6, 7, 8, 11, 12, 13, 14 and 28)

Part I

(i) The making or mixing of frits or glazes containing lead or of colours.

(ii) The preparation or weighing out of flow material.

(iii) Colour blowing, or the wiping off of colour after that process.

(iv) Ground laying or colour dusting, or the wiping off of colour after either of those processes.

(v) Colour grinding.

(vi) Lithographic transfer making.

(vii) Any other process in which any material, other than glaze, which contains more than five per cent. of its dry weight of a soluble lead compound (calculated in the manner described in the definition of low solubility glaze) is used or handled in a dry state or in the form of spray or in suspension in liquid other than oil or similar medium.

Part II

The following processes when carried on in factories other than leadless glaze factories:—

(i) Dipping or other process carried on in the dipping house.

(ii) The application of majolica or other glaze by blowing, painting or any other process except dipping.

(iii) Drying after the application of glaze by dipping, blowing or any other process.

(iv) Ware-cleaning after the application of glaze by dipping, blowing or any other process.

(v) Glost placing.

(vi) Any other process in which glaze is used or in which pottery articles treated with glaze are handled before glost firing.

SECOND SCHEDULE

PROTECTIVE CLOTHING

(Regulation 9)

(1) Protective clothing shall be provided by the occupier in pursuance of Regulation 9 for the use of all persons employed in the processes or work included in column (*a*) of the table below and the clothing provided shall (subject to paragraphs (3) and (4) below) be that indicated opposite the respective processes or work in columns (*b*), (*c*), (*d*), and (*e*) of that table.

(2) For the purpose of the table below:—

"WO" means washable overalls, and includes overalls of the "bib and brace" type and the garments usually known as "potters' slops".

"WA" means washable aprons with bibs.

"IA" means aprons with bibs and made of material impervious to water.

"WH" means washable head coverings.

(3) For persons employed in any process or work for which washable aprons with bibs are required under column (*c*) of the table below, the occupier may instead provide either:—

(i) washable overalls, or

(ii) aprons with bibs and made of material impervious to water,

and shall provide such overalls or aprons, as the case may be, if the Inspector for the District has issued and there remains in force a certificate in respect of a factory or a particular part of a factory that they are in his opinion needed having regard to the conditions under which the process or work is carried on in that factory or that particular part of it.

(4) For persons employed in any process or work for which impervious aprons are required under column (*d*) of the table below and for which washable overalls are not required under column (*b*) of that table, the occupier shall provide such overalls in addition to the aprons if the Inspector for the District has issued and there remains in force a certificate that overalls are in his opinion needed having regard to the conditions under which the process or work is carried on in the factory to which the certificate relates.

(a) Process or work	Protective clothing to be provided			
	(b) Washable overalls	(c) Washable aprons	(d) Aprons with bibs and made of material impervious to water	(e) Washable head coverings
(1) Any process involving the manipulation of dry calcined flint or of dry quartz	WO			WH
(2) Flint or quartz milling, or any process involving exposure to ground or powdered flint or quartz	WO			
(3) The grinding or tempering of fireclay or grog	WO			
(4) Work in the slip-house	WO		IA	
(5) The making, mixing or storage of leadless glaze or of engobe or slip	WO			
(7) The preparation of clay dust, including drying, breaking, grinding and mixing	WO			WH
(8) The loading, carrying, conveying or unloading of clay dust ...	WO			WH
(9) The loading, carrying, conveying or unloading of clay or clay scraps	WO			
(10) Throwing, jiggering, jollying, jolly-throwing or hollow-ware pressing		WA		
(11) The casting or pressing of flintless stoneware		WA		
(12) The casting or pressing of ware other than flintless stone ware	WO		IA	
(13) Earthenware towing	WO		IA	WH
(14) Dust-tile pressing	WO			WH
(15) Dust-tile fettling	WO		IA	WH
(16) Damp fettling		WA		
(17) All other fettling	WO		IA	
(18) All other processes in potters' shops not specifically mentioned above		WA		
(19) The application of engobe or slip, in leadless glaze factories ...	WO		IA	
(20) Biscuit placing	WO			
(21) Work in the biscuit warehouse ...	WO			
(22) Work as dippers or dippers' assistants, or otherwise in the application of glaze to ware, in leadless glaze factories ...			IA	
(24) Ware-cleaning in leadless glaze factories			IA	
(27) Cleaning any part of the factory or plant where there is liable to be flint or quartz or clay dust, or emptying the collectors of dust extraction plants	WO			WH

EXPLANATORY NOTE

(This Note is not part of the Order.)

This Order prescribes the forms of abstract of the Pottery (Health and Welfare) Special Regulations 1950 for posting in pursuance of section 139(1) of the Factories Act 1961 in certain factories in which sanitary fireclay ware is manufactured and in certain other pottery factories in which only leadless glaze is used.

The forms of abstract prescribed by this Order supersede the forms prescribed by Orders of the Minister of Labour and National Service dated 11th October 1950 and 3rd January 1951, which are revoked.

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