1. This Order may be cited as the Factories (Forms and Particulars) Order (Northern Ireland), 1955.

2. In this Order the expression "the principal Act" means the Factories Act (Northern Ireland), 1938.

3. The Abstract of the Acts which is required by Section 120(1) of the principal Act to be kept posted at the principal entrances of a factory at which employed persons enter shall be in the form N.I.1, set out in the Schedule to this Order.

4. So much of the Factories (Forms and Particulars) Order (Northern Ireland), 1950(a) as deals with form N.I.1, is hereby revoked.

Sealed with the Official Seal of the Ministry of Labour and National Insurance for Northern Ireland this 29th day of November, in the year one thousand nine hundred and fifty-five in the presence of

(L.S.) *A. E. Goodbody,*
Assistant Secretary.

SCHEDULE

Note:—The Forms constituting the Schedule to the above Order are not printed in this Volume; they may be obtained from Her Majesty's Stationery Office.—Editor.

Health, Safety and Welfare

The Iron and Steel Foundries Regulations (Northern Ireland), 1955

REGULATIONS, DATED 21ST DECEMBER, 1955, MADE BY THE MINISTRY OF LABOUR AND NATIONAL INSURANCE UNDER SECTIONS 47 AND 65 OF THE FACTORIES ACT (NORTHERN IRELAND), 1938, AND SECTION 8 OF THE FACTORIES ACT (NORTHERN IRELAND), 1949.

1955. No. 193 [C]

The Ministry of Labour and National Insurance for Northern Ireland by virtue of the powers conferred by Sections 47 and 65 of the Factories Act (Northern Ireland), 1938(b), (hereinafter referred to as "the principal Act"), and Section 8 of the Factories Act (Northern Ireland), 1949(c), and of all other powers in that behalf, hereby makes the following Special Regulations:—

(a) S.R. & O. of N.I. 1950 No. 87.
(b) 2 Geo. 6. c. 23. (c) 13 Geo. 6. c. 6.

Short title and commencement

1. These Regulations may be cited as the Iron and Steel Foundries Regulations (Northern Ireland), 1955, and save as provided in Regulations 7 and 9 shall come into operation on the 2nd April, 1956.

Interpretation

2.—(1) For the purposes of these Regulations, unless the context otherwise requires, the following expressions have the meanings hereby assigned to them respectively, that is to say:—

" 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 Regulation 8 (1) (*b*);

" cupola or furnace " includes a receiver associated therewith;

" dressing or fettling operations " includes stripping and other removal of adherent sand, cores, runners, risers, flash and other surplus metal from a casting and the production of a reasonably clean and smooth surface, but does not include (*a*) the removal of metal from a casting when performed incidentally in connection with the machining or assembling of castings after they have been dressed or fettled, or (*b*) any operation which is a knock-out operation within the meaning of these Regulations;

" iron foundry " and " steel foundry " mean those parts of a factory in which the production of iron castings or, as the case may be, steel castings (not being the production of pig iron or the production of steel in the form of ingots and not including die-casting) is carried on by casting in moulds made of sand, loam, moulding composition or other mixture of materials, or by shell moulding, or by centrifugal casting in metal moulds lined with sand, together with any part of the factory in which any of the following processes are carried on as incidental processes in connection with, and in the course of, such production, namely, the preparation and mixing of materials used in the foundry process, the preparation of moulds and cores, knock-out operations and dressing or fettling operations;

" knock-out operations " means all methods of removing castings from moulds and the following operations when done in connection therewith, namely, stripping, coring-out and the removal of runners and risers;

" pouring aisle " means an aisle leading from a main gangway or directly from a cupola or furnace to where metal is poured into moulds;

" principal Act " means the Factories Act (Northern Ireland), 1938, as amended by or under any other Act;

" steel foundry " has the meaning assigned to it earlier in this paragraph.

Application and operation of Regulations

3.—(1) These Regulations shall apply to all iron foundries and steel foundries.

(2) Subject to the provisions of this paragraph, the provisions of these Regulations shall be in addition to and not in substitution for or in diminution of other requirements imposed by or under the principal Act:

Provided that so much of section 48 of the principal Act as requires exhaust appliances to be provided and maintained shall not apply in relation to dust resulting in any iron or steel foundry from any knock-out operations or any dressing or fettling operations if the provisions of paragraphs (5) or (6), as the case may be, of Regulation 7 are complied with in the case of those operations.

Arrangements and storage

4. For the purposes of promoting safety and cleanliness in workrooms the following requirements shall be observed—

(*a*) moulding boxes, loam plates, ladles, patterns, pattern plates, frames, boards, box weights, and other heavy articles shall be so arranged and placed as to enable work to be carried on without unnecessary risk;

(*b*) suitable and conveniently accessible racks, bins or other receptacles shall be provided and used for the storage of other gear and tools;

(*c*) where there is bulk storage of sand, fuel, metal scrap or other materials or residues, suitable bins, bunkers or other receptacles shall be provided for the purpose of such storage.

Work near cupolas and furnaces

5. No person shall carry out any work within a distance of twelve feet from a vertical line passing through the delivery end of any spout of a cupola or furnace, being a spout used for delivering molten metal, or within a distance of eight feet from a vertical line passing through the nearest part of any ladle which is in position at the end of such a spout, except, in either case, where it is necessary for the proper use or maintenance of a cupola or furnace that that work should be carried out within that distance or that work is being carried out at such a time and under such conditions that there is no danger to the person carrying it out from molten metal which is being obtained from the cupola or furnace or is in a ladle in position at the end of the spout.

Gangways and pouring aisles

6.—(1) In every workroom to which this Regulation applies constructed, reconstructed or converted for use as such after the making of these Regulations and, so far as reasonably practicable, in every other workroom to which this Regulation applies, sufficient and clearly defined main gangways shall be provided and properly maintained which—

(*a*) shall have an even surface of hard material and shall, in particular, not be of sand or have on them more sand than is necessary to avoid risk of flying metal from accidental spillage;