STATUTORY INSTRUMENTS

1961 No. 1713

FACTORIES

The Ionising Radiations (Sealed Sources) (Radiation Dose Record) Order, 1961

Made - - - - *7th September,* 1961
Coming into Operation *1st February,* 1962

The Minister of Labour in pursuance of paragraph (1) of Regulation 24 of the Ionising Radiations (Sealed Sources) Regulations, 1961(a) (hereafter in this Order referred to as "the Regulations") hereby prescribes the particulars to be contained in radiation dose records kept under that paragraph.

1. This Order may be cited as the Ionising Radiations (Sealed Sources) (Radiation Dose Record) Order, 1961, and shall come into operation on the first day of February, 1962.

2. The Interpretation Act, 1889(b), shall apply to the interpretation of this Order as it applies to the interpretation of an Act of Parliament.

3. For the purposes of this Order, unless the context otherwise requires—

(*a*) the expression "aggregated radiation" means ionising radiations from all or any one or more of the following, that is to say, X-rays, gamma rays, beta particles, electrons and positrons; and

(*b*) expressions used in this Order shall have the same respective meanings as in the Regulations.

4. A radiation dose record kept in pursuance of the said paragraph (1) of Regulation 24 shall, as respects each classified worker, contain the following particulars, namely—

(i) (*a*) the name of the occupier;

(*b*) the address of the place of employment;

(ii) (*a*) the full names of the worker;

(*b*) the address of the worker;

(*c*) the date of birth of the worker;

(*d*) the figure calculated by multiplying by five the number of years (counting any uncompleted year as one year) from the first day of January of the year in which the worker attained the age of eighteen;

(*e*) the dates of commencement and termination of periods of protected employment (or employment which, if it had occurred after the coming into operation of any Regulations under the principal Act, would have been protected employment) of worker with previous employers and (shown separately) with present employer;

(a) S.I. 1961/1470 (Pt. II. p. 2975). (b) 52 & 53 Vict. c. 63.

(iii) in respect of doses at or near parts of the body (other than the hands, forearms, feet, ankles and eyes) where a film is worn at or near any such part—

(*a*) the sum of doses from X-rays and gamma rays to the end of the last completed calendar quarter of protected employment calculated from the records of doses received in present employment and from any transfer record obtained in pursuance of Regulation 31 of the Regulations and including any doses deemed to have been received by the worker in accordance with paragraph 2 (3) of the Schedule to the Regulations;

(*b*) the maximum permissible sum of doses from X-rays and gamma rays during the current calendar quarter, calculated in accordance with paragraph 2 of the Schedule to the Regulations (that is, three rads in air except where the figure calculated by subtracting the latest figure recorded by virtue of paragraph (iii) (*a*) of this Article from the latest figure recorded by virtue of paragraph (ii) (*d*) of this Article is less than three, when the maximum permissible sum of doses will be that number of rads in air);

(*c*) the sum of doses from X-rays and gamma rays during any period of protected employment since the end of the last completed calendar quarter of such employment, copied from any transfer record obtained as aforesaid;

(*d*) the sum of doses from aggregated radiation during the said period of protected employment as aforesaid, copied from any transfer record obtained as aforesaid;

(*e*) the period covered by each certificate obtained in pursuance of paragraph (2) of Regulation 23 of the Regulations;

(*f*) the dose from X-rays and gamma rays recorded in each of the said certificates or, as the case may be, the dose from X-rays and gamma rays recorded in each of the said certificates as not having been exceeded;

(*g*) the dose of aggregated radiation recorded in each of the said certificates or, as the case may be, the dose of aggregated radiation recorded in each of the said certificates as not having been exceeded;

(*h*) the sum of the doses recorded by virtue of paragraph (iii) (*c*) and (iii) (*f*) of this Article during and at the end of each calendar quarter, taking into account the provisions of paragraph (3) of Regulation 24 of the Regulations, and including at the end of each calendar quarter any doses deemed to have been received by the worker in accordance with paragraph 2 (3) of the Schedule to the Regulations;

(*i*) the sum of the doses recorded by virtue of paragraphs (iii) (*d*) and (iii) (*g*) of this Article during and at the end of each calendar quarter, taking into account the provisions of paragraph (3) of Regulation 24 of the Regulations;

(iv) in respect of doses at or near the surface of the eyes where a film is worn near the surface of the eyes:—

(*a*) the sum of doses from X-rays, gamma rays, beta particles of maximum energy exceeding 2·5 MeV., electrons and positrons to the end of the last completed calendar quarter of protected employ-

ment calculated from the records of doses received in present employment and from any transfer record obtained in pursuance of Regulation 31 of the Regulations and including any doses deemed to have been received by the worker in accordance with paragraph 2 (3) of the Schedule to the Regulations;

(*b*) the maximum permissible sum of doses from X-rays, gamma rays, beta particles of maximum energy exceeding 2·5 MeV., electrons and positrons during the current calendar quarter, calculated in accordance with paragraph 2 of the Schedule to the Regulations (that is, three rads in air except where the figure calculated by subtracting the latest figure recorded by virtue of paragraph (iv) (*a*) of this Article from the latest figure recorded by virtue of paragraph (ii) (*d*) of this Article is less than three, when the maximum permissible sum of doses will be that number of rads in air);

(*c*) the sum of doses from X-rays, gamma rays, beta particles of maximum energy exceeding 2·5 MeV., electrons and positrons during any period of protected employment since the end of the last completed calendar quarter of such employment, copied from any transfer record obtained as aforesaid;

(*d*) the sum of doses from aggregated radiation during the said period of protected employment as aforesaid, copied from any transfer record obtained as aforesaid;

(*e*) the period covered by each certificate obtained in pursuance of paragraph (2) of Regulation 23 of the Regulations;

(*f*) the dose from X-rays, gamma rays, beta particles of maximum energy exceeding 2·5 MeV., electrons and positrons recorded in each of the said certificates or, as the case may be, recorded in each of the said certificates as not having been exceeded;

(*g*) the dose of aggregated radiation recorded in each of the said certificates or, as the case may be, the dose of aggregated radiation recorded in each of the said certificates as not having been exceeded;

(*h*) the sum of the doses recorded by virtue of paragraphs (iv) (*c*) and (iv) (*f*) of this Article during and at the end of each calendar quarter, taking into account the provisions of paragraph (3) of Regulation 24 of the Regulations, and including at the end of each calendar quarter any doses deemed to have been received by the worker in accordance with paragraph 2 (3) of the Schedule to the Regulations;

(*i*) the sum of the doses recorded by virtue of paragraph (iv) (*d*) and (iv) (*g*) of this Article during and at the end of each calendar quarter, taking into account the provisions of paragraph (3) of Regulation 24 of the Regulations;

(v) in respect of doses at or near the hands, forearms, feet and ankles for each film worn at or near any of the following, that is to say, the left hand and forearm, the right hand and forearm, the left foot and ankle, the right foot and ankle—

(*a*) the sum of doses from aggregated radiation during any period of protected employment since the end of the last completed calendar quarter of such employment, copied from any transfer record obtained in pursuance of Regulation 31 of the Regulations;

(*b*) the period covered by each certificate obtained in pursuance of paragraph (2) of Regulation 23 of the Regulations;

(*c*) the dose of aggregated radiation recorded in each of the said certificates or, as the case may be, the dose of aggregated radiation recorded in each of the said certificates as not having been exceeded;

(*d*) the sum of the doses relating to the same parts of the body recorded by virtue of paragraphs (v) (*a*) and (v) (*c*) of this Article during and at the end of each calendar quarter, taking into account the provisions of paragraph (3) of Regulation 24 of the Regulations.

Dated this 7th day of September, 1961.

John Hare,
Minister of Labour.

EXPLANATORY NOTE

(This Note is not part of the Order, but is intended to indicate its general purport.)

This Order prescribes the particulars to be contained in radiation dose records kept under paragraph (1) of Regulation 24 of the Ionising Radiations (Sealed Sources) Regulations, 1961.