Grinding of Metals

SPECIAL REGULATIONS, DATED 10TH NOVEMBER, 1950, MADE BY THE MINISTRY OF LABOUR AND NATIONAL INSURANCE UNDER SECTION 65 OF THE FACTORIES ACT (NORTHERN IRELAND), 1938, AND SECTION 8 OF THE FACTORIES ACT (NORTHERN IRELAND), 1949.

1950. No. 203

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

PART I — GENERAL

Short title, commencement and revocation

1.—(1) These Regulations may be cited as the Grinding of Metals Special Regulations (Northern Ireland), 1950, and shall come into force on the 1st day of January, 1951.

(2) The undernoted Regulations are hereby revoked :—

The Regulations made by the Secretary of State on the 15th October, 1909, for the Grinding of Metals and Racing of Grindstones (**c**), so far as they relate to Northern Ireland.

The Grinding of Metals (Miscellaneous Industries) Regulations (Northern Ireland), 1926 (**d**).

Interpretation

2.—(1) The Interpretation Act, 1889, (**e**) applies to the interpretation of these Regulations as it applies to the interpretation of an Act of the Parliament of Northern Ireland.

(2) The provisions of Regulations 5, 6, 10 and 16 shall, as respects the particular processes therein respectively mentioned and to the extent to which they apply to those processes, be in substitution for the provisions of Section 48 of the principal Act, but save as aforesaid the requirements imposed by the Regulations shall be in addition to and not in derogation of the provisions imposing requirements as to health or safety contained in Parts I, II or IV of the principal Act, and no exemption, suspension or relaxation from any of the provisions of the Regulations shall be deemed to be an exemption, suspension or relaxation, as the case may be, from any such requirement as to health or safety.

(a) 2. Geo. 6. C. 23. (b) 13. Geo. 6. C.6. (c) S. R. & O. 1909, No. 1155.
(d) S. R. & O. of N.I., 1926, No. 88. (e) 52 & 53 Vict. C. 63.

(3) In these Regulations, unless the context otherwise requires, the following expressions have the meanings hereby assigned to them respectively, that is to say :—

" Abrasive Wheel " means a wheel manufactured of bonded emery or similar abrasive.

" Chief Inspector " has the same meaning as in the principal Act.

" Cleaning of Castings " means the freeing of castings from adherent sand or other substance, and includes the withdrawal or knocking out of cores, core rods and lifters, the removal of ingates, risers or other projections or excrescences, and the general smoothing of the castings.

" Glazing " means the abrading, polishing or finishing, by aid of mechanical power, of metal, article of metal, or part of any article of metal by means of any wheel, buff, mop, bob, dolly, or band to which any abrading or polishing substance is attached or applied, except the process known as " sand buffing " in which articles are polished by means of a mixture of oil and sand applied by hand to a rotating buff.

" Grinding " means the abrasion, by aid of mechanical power, of metal, article of metal, or part of any article of metal by means of a grindstone or abrasive wheel.

" Grindstone " means a grindstone composed of natural or manufactured sandstone, but does not include a metal wheel or cylinder into which blocks of natural or manufactured sandstone are fitted.

" Hacking " means the chipping of the surface of a grindstone by a hack or similar tool.

" Inspector " means an inspector appointed under Section 128 of the principal Act.

" Racing " means the turning up, cutting or dressing of a revolving grindstone before the grindstone is brought into use for the first time.

" Rodding ", which includes " barring up " or " scaring ", means the dressing of the surface of a revolving grindstone by the application of a rod, bar, or strip of metal to such surface.

" Rumbling ", which includes " rattling " or " tumbling " or " jigging ", means the freeing of castings from adherent sand by rotating them in a revolving vessel.

Application of Regulations

3.—(1) Subject to the provisions of sub-paragraph (2) of this Regulation, these Regulations shall apply to all factories or parts thereof in which is carried on the grinding or glazing of metals, or any process incidental to the grinding of metals or the cleaning of castings.

(2) (I) Nothing in these Regulations shall apply —

(*a*) to any grinding or glazing of any article of gold, platinum, or iridium, or to any process incidental thereto ;

(*b*) to the undernoted processes where these are carried on in a place in the open air where no person is wholly or mainly employed in such work —

(i) processes in or incidental to the sharpening of tools or implements for use in the factory ; or

(ii) the grinding or glazing of metals, or racing, hacking or rodding in connection therewith, in a factory in which only repairs are carried on ; or

(*c*) to the intermittent grinding or glazing of metals in a place in the open air where no person is employed in such work for more than 12 hours in any week.

(II) These Regulations other than Regulations 7 and 13, shall not apply —

(*a*) in the case of a factory in which only repairs are carried on, to the following work, that is to say, the grinding or glazing of metals, or racing, hacking or rodding in connection therewith, carried on in a room in which such work is not carried on for more than 12 hours in any week ;

(*b*) to processes in or incidental to the sharpening of tools or implements for use in the factory, carried on at a grinding or glazing machine at which such work is not carried on for more than 12 hours in the aggregate in the day periods in any week and is not carried on for more than 12 hours in the aggregate in the night in any week, if the machine is not used by a person wholly or mainly employed on such work (other than such work performed at a machine or machines with adequate appliances such as are mentioned in Regulation 6 of these Regulations). For the purpose of this exemption, the expression " night " means all the time not included in the day periods ; and the expression " day period " means the period between seven o'clock in the morning and seven o'clock in the evening or, in relation to any particular factory, such alternative period between midnight and midnight of not less than 10 hours' consecutive duration as may be specified by the occupier by notice posted in the factory ; or

(*c*) to the intermittent grinding or glazing of metals in a room in which such work is not carried on for more than 12 hours in any week ; so, however, that this exemption shall not apply in any case where the Chief Inspector gives notice in writing to that effect to the occupier of the factory.

If the Chief Inspector is satisfied in respect of any factory or any class of machines that, owing to the special conditions or special methods of work or otherwise, any of the requirements of these Regulations can be suspended or relaxed without danger to the health or safety of the