

SCHEDULE 1

Activities, installations and mobile plant

PART 2

Activities

CHAPTER 2

Production and processing of metals

SECTION 2.1

Ferrous metals

1. In this Section, “ferrous alloy” means an alloy of which iron is the largest constituent, or equal to the largest constituent, by weight, whether or not that alloy also has a non-ferrous metal content greater than any percentage specified in Section 2.2.

Part A(1)

- (a) Roasting or sintering metal ore, including sulphide ore, or any mixture of iron ore with or without other materials.
- (b) Producing, melting or refining iron or steel or any ferrous alloy, including continuous casting, except where the only furnaces used are—
 - (i) electric arc furnaces with a designed holding capacity of less than 7 tonnes, or
 - (ii) cupola, crucible, reverberatory, rotary, induction, vacuum, electro-slag or resistance furnaces.
- (c) Processing ferrous metals and their alloys by using hot-rolling mills with a production capacity of more than 20 tonnes of crude steel per hour.
- (d) Loading, unloading or otherwise handling or storing more than 500,000 tonnes in total in any 12-month period of iron ore, except in the course of mining operations, or burnt pyrites.

Part A(2)

- (a) Unless falling within Part A(1)(b) of this Section, producing pig iron or steel, including continuous casting, in a plant with a production capacity of more than 2.5 tonnes per hour.
- (b) Operating hammers in a forge, the energy of which is more than 50 kilojoules per hammer, where the calorific power used is more than 20 megawatts.
- (c) Applying protective fused metal coatings with an input of more than 2 tonnes of crude steel per hour.
- (d) Casting ferrous metal at a foundry with a production capacity of more than 20 tonnes per day.

Part B

- (a) Unless falling within Part A(1)(b) of this Section, producing pig iron or steel, including continuous casting, in a plant with a production capacity of 2.5 or less tonnes per hour.
- (b) Unless falling within Part A(2)(a) or (d) of this Section, producing, melting or refining iron or steel or any ferrous alloy (other than producing pig iron or steel, including continuous casting) using—

Changes to legislation: The Environmental Permitting (England and Wales) Regulations 2016, Paragraph 1 is up to date with all changes known to be in force on or before 31 May 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

- (i) one or more electric arc furnaces, none of which has a designed holding capacity of 7 or more tonnes, or
 - (ii) a cupola, crucible, reverberatory, rotary, induction, vacuum, electro-slag or resistance furnace.
- (c) Desulphurising iron, steel or any ferrous alloy.
- (d) Heating iron, steel or any ferrous alloy (whether in a furnace or other appliance) to remove grease, oil or any other non-metallic contaminant (including such operations as the removal by heat of plastic or rubber covering from scrap cable), unless—
 - (i) it is carried on in one or more furnaces or other appliances the primary combustion chambers of which have in aggregate a rated thermal input of less than 0.2 megawatts,
 - (ii) it does not involve the removal by heat of plastic or rubber covering from scrap cable or of any asbestos contaminant, and
 - (iii) it is not related to any other activity falling within this Part of this Section.
- (e) Unless falling within Part A(1) or Part A(2) of this Section, casting iron, steel or any ferrous alloy from deliveries of 50 or more tonnes of molten metal.

Changes to legislation:

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Changes and effects yet to be applied to the whole Instrument associated Parts and Chapters:

Whole provisions yet to be inserted into this Instrument (including any effects on those provisions):

- Sch. 9 Pt. 2 para. 2(3) inserted by [S.I. 2023/1156 reg. 2\(6\)](#)
- Sch. 9 Pt. 2 para. 4(5)(aa) inserted by [S.I. 2023/1156 reg. 2\(7\)\(c\)\(i\)](#)
- Sch. 9 Pt. 2 para. 4(6A) inserted by [S.I. 2023/1156 reg. 2\(7\)\(e\)](#)
- Sch. 9 Pt. 2 para. 5(6)(aa) inserted by [S.I. 2023/1156 reg. 2\(8\)\(c\)\(i\)](#)
- Sch. 9 Pt. 2 para. 5(6A) inserted by [S.I. 2023/1156 reg. 2\(8\)\(d\)](#)
- Sch. 9 Pt. 2 para. 5(7A) inserted by [S.I. 2023/1156 reg. 2\(8\)\(f\)](#)
- Sch. 9 Pt. 2 para. 5(11) inserted by [S.I. 2023/1156 reg. 2\(8\)\(i\)](#)
- Sch. 9 Pt. 2 para. 6(1)(ba) inserted by [S.I. 2023/1156 reg. 2\(9\)\(d\)](#)
- Sch. 9 Pt. 2 para. 6(1)(h) inserted by [S.I. 2023/1156 reg. 2\(9\)\(h\)](#)
- Sch. 9 Pt. 2 para. 8 inserted by [S.I. 2023/1156 reg. 2\(12\)](#)
- Sch. 9 Pt. 2 para. 7(3)(d)-(f) omitted by [S.I. 2023/1156 reg. 2\(11\)\(b\)\(iii\)](#)
- Sch. 9 Pt. 2 para. 7(4)(f)-(h) omitted by [S.I. 2023/1156 reg. 2\(11\)\(c\)\(vi\)](#)
- Sch. 9 Pt. 2 para. 7(5) omitted by [S.I. 2023/1156 reg. 2\(11\)\(d\)](#)
- Sch. 9 Pt. 2 para. 2(2)(a) substituted by [S.I. 2023/1156 reg. 2\(5\)\(b\)](#)
- Sch. 9 Pt. 2 para. 4(2) substituted by [S.I. 2023/1156 reg. 2\(7\)\(a\)](#)
- Sch. 9 Pt. 2 para. 5(2) substituted by [S.I. 2023/1156 reg. 2\(8\)\(a\)](#)
- Sch. 9 Pt. 2 para. 5(8) substituted by [S.I. 2023/1156 reg. 2\(8\)\(g\)](#)
- Sch. 9 Pt. 2 para. 6(1)(b) substituted by [S.I. 2023/1156 reg. 2\(9\)\(c\)](#)
- Sch. 9 Pt. 2 para. 6(1)(f) substituted by [S.I. 2023/1156 reg. 2\(9\)\(f\)](#)
- Sch. 9 Pt. 2 para. 4(6)(a)-(j) substituted for Sch. 9 Pt. 2 para. 4(6)(a)-(d) by [S.I. 2023/1156 reg. 2\(7\)\(d\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 4(8)(9) substituted for Sch. 9 Pt. 2 para. 4(8) by [S.I. 2023/1156 reg. 2\(7\)\(g\)](#)
- Sch. 9 Pt. 2 para. 2(2)(b) word inserted by [S.I. 2023/1156 reg. 2\(5\)\(c\)](#)
- Sch. 9 Pt. 2 para. 6(1)(g) word inserted by [S.I. 2023/1156 reg. 2\(9\)\(g\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 4(6) word omitted by [S.I. 2023/1156 reg. 2\(7\)\(d\)\(i\)\(bb\)](#)
- Sch. 9 Pt. 2 para. 5(7) word omitted by [S.I. 2023/1156 reg. 2\(8\)\(e\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 6(1)(g) word omitted by [S.I. 2023/1156 reg. 2\(9\)\(g\)\(iii\)](#)
- Sch. 9 Pt. 2 para. 2(1) word substituted by [S.I. 2023/1156 reg. 2\(4\)\(a\)](#)
- Sch. 9 Pt. 2 para. 2(2) word substituted by [S.I. 2023/1156 reg. 2\(5\)\(a\)](#)
- Sch. 9 Pt. 2 para. 4(3) word substituted by [S.I. 2023/1156 reg. 2\(7\)\(b\)](#)
- Sch. 9 Pt. 2 para. 4(6) word substituted by [S.I. 2023/1156 reg. 2\(7\)\(d\)\(i\)\(aa\)](#)
- Sch. 9 Pt. 2 para. 1(2) words inserted by [S.I. 2023/1156 reg. 2\(3\)](#)
- Sch. 9 Pt. 2 para. 2(1) words inserted by [S.I. 2023/1156 reg. 2\(4\)\(b\)](#)
- Sch. 9 Pt. 2 para. 2(1) words inserted by [S.I. 2023/1156 reg. 2\(4\)\(g\)](#)
- Sch. 9 Pt. 2 para. 2(1) words inserted by [S.I. 2023/1156 reg. 2\(4\)\(h\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 2(1) words inserted by [S.I. 2023/1156 reg. 2\(4\)\(h\)\(iii\)](#)
- Sch. 9 Pt. 2 para. 2(1) words inserted by [S.I. 2023/1156 reg. 2\(4\)\(i\)](#)
- Sch. 9 Pt. 2 para. 4(5)(b) words inserted by [S.I. 2023/1156 reg. 2\(7\)\(c\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 5(6)(b) words inserted by [S.I. 2023/1156 reg. 2\(8\)\(c\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 5(7) words inserted by [S.I. 2023/1156 reg. 2\(8\)\(e\)\(i\)](#)
- Sch. 9 Pt. 2 para. 5(7) Table words inserted by [S.I. 2023/1156 reg. 2\(8\)\(e\)\(iii\)](#)
- Sch. 9 Pt. 2 para. 5(7) Table words inserted by [S.I. 2023/1156 reg. 2\(8\)\(e\)\(iv\)](#)
- Sch. 9 Pt. 2 para. 5(7) Table words inserted by [S.I. 2023/1156 reg. 2\(8\)\(e\)\(v\)](#)
- Sch. 9 Pt. 2 para. 6(1) words inserted by [S.I. 2023/1156 reg. 2\(9\)\(a\)](#)
- Sch. 9 Pt. 2 para. 6(1)(a) words inserted by [S.I. 2023/1156 reg. 2\(9\)\(b\)](#)

- Sch. 9 Pt. 2 para. 6(1)(c) words inserted by [S.I. 2023/1156 reg. 2\(9\)\(e\)](#)
- Sch. 9 Pt. 2 para. 6(1)(d) words inserted by [S.I. 2023/1156 reg. 2\(9\)\(e\)](#)
- Sch. 9 Pt. 2 para. 6(1)(e) words inserted by [S.I. 2023/1156 reg. 2\(9\)\(e\)](#)
- Sch. 9 Pt. 2 para. 6(2)(a) words inserted by [S.I. 2023/1156 reg. 2\(10\)\(a\)](#)
- Sch. 9 Pt. 2 para. 7(2)(a) words inserted by [S.I. 2023/1156 reg. 2\(11\)\(a\)](#)
- Sch. 9 Pt. 2 para. 7(3)(a) words inserted by [S.I. 2023/1156 reg. 2\(11\)\(b\)\(i\)](#)
- Sch. 9 Pt. 2 para. 7(3)(c) words inserted by [S.I. 2023/1156 reg. 2\(11\)\(b\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 7(4)(c) words inserted by [S.I. 2023/1156 reg. 2\(11\)\(c\)\(iv\)](#)
- Sch. 9 Pt. 2 para. 7(4)(e) words inserted by [S.I. 2023/1156 reg. 2\(11\)\(c\)\(v\)](#)
- Sch. 9 Pt. 2 para. 2(1) words omitted by [S.I. 2023/1156 reg. 2\(4\)\(d\)](#)
- Sch. 9 Pt. 2 para. 7(4) words omitted by [S.I. 2023/1156 reg. 2\(11\)\(c\)\(i\)](#)
- Sch. 9 Pt. 2 para. 2(1) words substituted by [S.I. 2023/1156 reg. 2\(4\)\(c\)](#)
- Sch. 9 Pt. 2 para. 2(1) words substituted by [S.I. 2023/1156 reg. 2\(4\)\(e\)](#)
- Sch. 9 Pt. 2 para. 2(1) words substituted by [S.I. 2023/1156 reg. 2\(4\)\(f\)](#)
- Sch. 9 Pt. 2 para. 2(1) words substituted by [S.I. 2023/1156 reg. 2\(4\)\(h\)\(i\)](#)
- Sch. 9 Pt. 2 para. 4(7) words substituted by [S.I. 2023/1156 reg. 2\(7\)\(f\)](#)
- Sch. 9 Pt. 2 para. 5(5) words substituted by [S.I. 2023/1156 reg. 2\(8\)\(b\)](#)
- Sch. 9 Pt. 2 para. 5(10) words substituted by [S.I. 2023/1156 reg. 2\(8\)\(h\)](#)
- Sch. 9 Pt. 2 para. 6(1)(g) words substituted by [S.I. 2023/1156 reg. 2\(9\)\(g\)\(i\)](#)
- Sch. 9 Pt. 2 para. 6(2)(b) words substituted by [S.I. 2023/1156 reg. 2\(10\)\(b\)](#)
- Sch. 9 Pt. 2 para. 7(4)(a) words substituted by [S.I. 2023/1156 reg. 2\(11\)\(c\)\(ii\)](#)
- Sch. 9 Pt. 2 para. 7(4)(b) words substituted by [S.I. 2023/1156 reg. 2\(11\)\(c\)\(iii\)](#)