

# SCHEDULES

## SCHEDULE 1

### ACTIVITIES, INSTALLATIONS AND MOBILE PLANT

#### PART 1

#### ACTIVITIES

#### CHAPTER 2

#### PRODUCTION AND PROCESSING OF METALS

#### SECTION 2.2

#### *NON-FERROUS METALS*

##### **Part A**

- (a) Producing non-ferrous metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic activities.
- (b) Melting, including making alloys, of non-ferrous metals, including recovered products and the operation of non-ferrous metal foundries where the plant has a melting capacity of more than 4 tonnes per day for lead or cadmium or 20 tonnes per day for all other metals.
- (c) Producing, melting or recovering (whether by chemical means or by electrolysis or by the use of heat) cadmium or mercury or any alloy containing more than 0.05 per cent by weight of either of those metals or, in aggregate, of both.

##### **Part B**

- (a) Melting, including making alloys, of non-ferrous metals (other than tin or any alloy which in molten form contains 50 per cent or more by weight of tin), including recovered products (refining, foundry casting, etc.) in plant with a melting capacity of 4 tonnes or less per day for lead or cadmium or 20 tonnes or less per day for all other metals and where the designed holding capacity of molten metal is 0.5 tonnes or more (together with any additional refining).
- (b) Melting zinc or a zinc alloy in conjunction with a galvanising activity at a rate of 20 tonnes or less per day unless described in Part A of section 2.1.
- (c) Melting zinc, aluminium or magnesium or an alloy of one or more of these metals in conjunction with a die-casting activity at a rate of 20 tonnes or less per day.

##### **Part C**

- (a) Melting, including making alloys, of non-ferrous metals (other than tin or any alloy which in molten form contains 50 per cent or more by weight of tin), including recovered products (refining, foundry casting, etc.) in plant with a melting capacity of 4 tonnes or less per day for lead or cadmium or 20 tonnes or less per day for all other metals and where the designed holding capacity of molten metal is less than 0.5 tonnes (together with any additional refining).

**Draft Legislation:** This is a draft item of legislation. This draft has since been made as a Northern Ireland Statutory Rule: The Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 No. 160

- (b) The heating in a furnace or any other appliance of any non-ferrous metal or non-ferrous metal alloy for the purpose of removing grease, oil or any other non-metallic contaminant, including such operations as the removal by heat of plastic or rubber covering from scrap cable, if not related to another activity described in this Part of this section; but an activity does not fall within this paragraph if—
  - (i) it involves the use of one or more furnaces or other appliances the primary combustion chambers of which have in aggregate a net rated thermal input of less than 0.2 megawatts; and
  - (ii) it does not involve the removal by heat of plastic or rubber covering from scrap cable or of any asbestos contaminant.
- (c) Unless falling within Part A or B of this section, the separation of copper, aluminium, magnesium or zinc from mixed scrap by differential melting.

*Interpretation of Part C*

1. In this Part “net rated thermal input” is the rate at which fuel can be burned at the maximum continuous rating of the appliance multiplied by the net calorific value of the fuel and expressed as megawatts thermal.

*Interpretation of section 2.2*

1. In this section “non-ferrous metal alloy” means an alloy which is not a ferrous alloy, as defined in section 2.1.

2. Nothing in paragraph (c) of Part A or in Part B or C of this section shall be taken to refer to the activities of hand soldering, flow soldering or wave soldering.