

SCHEDULE 1

ACTIVITIES AND INSTALLATIONS AND MOBILE PLANT

PART 1

ACTIVITIES

CHAPTER 4: THE CHEMICAL INDUSTRY

SECTION 4.2: Inorganic chemicals

PART A

- (a) Producing inorganic chemicals including—
 - (i) inorganic substances, including those in gaseous form, such as ammonia, hydrogen chloride, hydrogen fluoride, hydrogen cyanide and hydrogen sulphide, carbon oxides, sulphur compounds, nitrogen oxides, hydrogen, sulphur dioxide, and phosgene,
 - (ii) acids, such as chromic acid, hydrofluoric acid, hydrochloric acid, hydrobromic acid, hydroiodic acid, phosphoric acid, nitric acid, sulphuric acid, oleum, sulphurous acids, and chlorosulphonic acid,
 - (iii) bases, such as ammonium hydroxide, potassium hydroxide, sodium hydroxide and calcium hydroxide,
 - (iv) salts, such as ammonium chloride, potassium chlorate, potassium carbonate, sodium carbonate, perborate, silver nitrate, cupric acetate, ammonium phosphomolybdate,
 - (v) non-metals, metal oxides, metal carbonyls or other inorganic compounds such as calcium carbide, silicon, silicon carbide,
 - (vi) halogens or any compound comprising only—
 - (aa) two or more halogens, or
 - (bb) any one or more of those halogens and oxygen.
- (b) Unless falling within a description in any other Section of any Chapter of this Schedule, any production activity which is likely to result in the release—
 - (i) into the air of any hydrogen halides (other than the coating, plating or surface treatment of metal), or
 - (ii) into the air or water of any halogens or any of the compounds mentioned in paragraph (a) (vi) (other than the treatment of water by chlorine).
- (c) Unless falling within a description in any other Section of any Chapter of this Schedule, any production activity which uses, or is likely to result in the release of, hydrogen cyanide or hydrogen sulphide.
- (d) Unless falling within a description in any other Section of any Chapter of this Schedule, producing any compounds, or using or recovering any mixture (other than in the application of a glaze or vitreous enamel), containing any of the following substances or their compounds:—
 - (i) antimony,
 - (ii) arsenic,
 - (iii) beryllium,
 - (iv) gallium,
 - (v) indium,

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- (vi) lead,
- (vii) palladium,
- (viii) platinum,
- (ix) selenium,
- (x) tellurium,
- (xi) thallium,
- (xii) cadmium, or
- (xiii) mercury,

where the activity may result in the release into the air of any of those elements or their compounds or the release into water of any substance listed in column 1 of the Table referred to in paragraph 10 of Part 2 of this Schedule in a quantity which, in any 12 month period, exceeds the background quantity by more than the amount specified in relation to that substance in column 2 of that Table.

- (e) Unless falling within a description in any other Section of any Chapter of this Schedule, recovering any compound of or engaging in any process of production which involves the use of cadmium or mercury or of any compound of either of those elements or which may result in the release to air of either of those elements or their compounds.
- (f) Any other activity (except the combustion or incineration of carbonaceous material as defined in Section 1.2) which does not fall within a description in Sections 2.1, 2.2 or 2.3 and which may result in the release into the air of any acid forming oxide of nitrogen.

PART B

NIL