

SCHEDULE 1

ACTIVITIES, INSTALLATIONS AND MOBILE PLANT

PART 1

ACTIVITIES

CHAPTER 4

THE CHEMICAL INDUSTRY

SECTION 4.2

INORGANIC CHEMICALS

Part A

- (a) Producing inorganic chemicals such as—
- (i) gases, such as ammonia, hydrogen chloride, hydrogen fluoride, hydrogen cyanide, hydrogen sulphide, oxides of carbon, sulphur compounds, oxides of nitrogen, hydrogen, oxides of sulphur, phosgene;
 - (ii) acids, such as chromic acid, hydrofluoric acid, hydrochloric acid, hydrobromic acid, hydroiodic acid, phosphoric acid, nitric acid, sulphuric acid, oleum and chlorosulphonic acid;
 - (iii) bases, such as ammonium hydroxide, potassium hydroxide, sodium 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, titanium dioxide;
 - (vi) halogens or interhalogen compound comprising two or more of halogens, or any compound comprising one or more of those halogens and oxygen.
- (b) Unless falling within another Section of this Schedule, any manufacturing activity which uses, or which is likely to result in the release into the air or into water of, any halogens, hydrogen halides or any of the compounds mentioned in paragraph (a)(vi), other than the treatment of water by chlorine.
- (c) Unless falling within another Section of this Schedule, any manufacturing activity involving the use of hydrogen cyanide or hydrogen sulphide.
- (d) Unless falling within another Section of this Schedule, any manufacturing activity, other than the application of a glaze or vitreous enamel, involving the use of any of the following elements or compound of those elements or the recovery of any compound of the following elements—
- antimony;
 - arsenic;
 - beryllium;
 - gallium;
 - indium;

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lead;
palladium;
platinum;
selenium;
tellurium;
thallium,

where the activity may result in the release into the air of any of those elements or compounds or the release into water of any substance listed in paragraph 13 of Part 2 of this Schedule.

- (e) Recovering any compound of cadmium or mercury.
- (f) Unless falling within another Section of this Schedule, any manufacturing activity involving the use of mercury or cadmium or any compound of either element or which may result in the release into air of either of those elements or their compounds.
- (g) Unless carried out as part of any other activity falling within this Schedule—
 - (i) recovering, concentrating or distilling sulphuric acid or oleum;
 - (ii) recovering nitric acid;
 - (iii) purifying phosphoric acid.
- (h) Any manufacturing activity (other than the manufacture of chemicals or glass or the coating, plating or surface treatment of metal) which—
 - (i) involves the use of hydrogen fluoride, hydrogen chloride, hydrogen bromide or hydrogen iodide or any of their acids; and
 - (ii) may result in the release of any of those compounds into the air.
- (i) Unless carried out as part of any other activity falling within this Schedule, recovering ammonia.
- (j) Extracting any magnesium compound from sea water.

Part B

Nil.

Part C

Nil.