

SCHEDULE 1

ACTIVITIES AND INSTALLATIONS AND MOBILE PLANT

Section 4.2

Inorganic Chemicals

PART A

- (a) Producing or manufacturing by chemical means 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, phosgene;
 - (ii) acids, such as chromic acid, hydrofluoric acid, hydrochloric acid, hydrobromic acid, hydroiodic acid, phosphoric acid, nitric acid, hydrochloric acid, sulphuric acid, oleum 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—
 - (A) two or more of halogens; or
 - (B) any one or more of those halogens and oxygen.
- (b) 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) Any manufacturing activity which uses or is likely to result in the release of hydrogen cyanide or hydrogen sulphide.
- (d) Producing any compounds, using or recovering any mixture, other than the application of a glaze or vitreous enamel, containing any of the following or their compounds:—
- (i) antimony;
 - (ii) arsenic;
 - (iii) beryllium;
 - (iv) gallium;
 - (v) indium;
 - (vi) lead;
 - (vii) palladium;
 - (viii) platinum;
 - (ix) selenium;
 - (x) tellurium;
 - (xi) thallium;
 - (xii) chromium;
 - (xiii) manganese;

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- (xiv) nickel;
- (xv) zinc;
- (xvi) cadmium; or
- (xvii) mercury,

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 Schedule 5.

- (e) Recovering any compound of or engaging in any process of manufacture which involves the use of cadmium or mercury or of any compound of either of those elements or which may result in the release of either of those elements to air of their compounds.
- (f) Any of the following activities, operated at installations not otherwise described under this Part of this Schedule:—
 - (i) recovering, concentrating or distilling sulphuric acid or oleum;
 - (ii) recovering nitric acid;
 - (iii) purifying phosphoric acid;
 - (iv) any activity of manufacture (other than the manufacture of chemicals) involving the use of any hydrogen fluoride, hydrogen chloride, hydrogen bromide or hydrogen iodide or any of their acids which may result in the release of any of those compounds into the air, other than the coating, plating or surface treatment of metal;
 - (v) recovering ammonia;
 - (vi) extracting any magnesium compound from sea water.

PART B

NIL