

APPENDIX 1

LIST OF CLEAN INDUSTRIES

- 1 Software design and development.
- 2 Product/prototype design, industrial and engineering design.
- 3 Fashion designing.
- 4 Manufacture of polyethylene products (not involving printing operation).
- 5 Assembly and repair of computer hardware, audio-visual equipment, and other communication/electronic equipment, apparatus and parts (not involving spray-painting, electroplating or galvanising operations. Only minor soldering will be allowed).
- 6 Information Technology (IT) technical support/maintenance centres.
- 7 Assembly and repair of office, computing and accounting machinery (not involving spray-painting, electroplating or galvanising operations).
- 8 Assembly and repair of electrical appliances and housewares (not involving spray-painting, electroplating or galvanising operations. Only minor soldering will be allowed).
- 9 Assembly and repair of photographic and optical goods (not involving spray-painting, electroplating or galvanising operations).
- 10 Manufacture and repair of watches and clocks (not involving spray-painting, electroplating or galvanising operations).
- 11 Warehousing activities and storage of finished products such as furniture, electric appliances, garments, canned food and beverages etc.
- 12 Manufacture of paper products without printing activities.
- 13 Manufacture of professional, scientific, measuring and controlling equipment (not involving the use of chemicals, inclusive of gaseous chemicals).
- 14 Diagnostics laboratories and referral laboratories.
- 15 International Specialist and engineering consultancy eg. oil exploration.
- 16 Medical and specialist centres eg. eye institutes, paediatrics, bionic limbs, health screening.

Clean industries are generally compatible to food industries. The food industries to be sited adjacent to clean industries shall not give rise to any emissions that may affect the activities of the clean industries..

APPENDIX 2

LIST OF LIGHT INDUSTRIES

Food industries:

- 1 Packing of dried foodstuff, blending of food ingredients, bottling of syrups/cordial juice.
- 2 Packing and bottling of medicinal herbs and medicated oil.

Others

- 3 Research & Development involving small quantities of chemicals.
- 4 Biotechnology.
- 5 Manufacture of made-up textile goods (except wearing apparel) without dyeing, bleaching and/or other finishing operations.
- 6 Knitting mills without dyeing, bleaching and/or other finishing operations.
- 7 Manufacture of carpets and rugs without dyeing, bleaching and/or other finishing products.
- 8 Manufacture of wearing apparel (except footwear) without dyeing and/or bleaching operations.
- 9 Manufacture of footwear, except for those made of plastic or vulcanised or moulded rubber.
- 10 Manufacture of products of leather and leather substitutes, except footwear and wearing apparel.
- 11 Printing, publishing and allied industries.
- 12 Mould-making without metal stamping, etching or electroplating.
- 13 Manufacture of plastic products, not elsewhere classified.
- 14 Manufacture of containers and boxes of paperboard.
- 15 Manufacture of paper products also involving printing activities without pulping works or bleaching operations.
- 17 Manufacture of aluminium window frames and grills from aluminium extrusions without spray-painting operations.
- 18 Servicing and refilling of fire extinguishers.

Other light industries are generally compatible to food industries. The food industries to be sited adjacent to light industries shall not give rise to any emissions that may affect the activities of the light industries

APPENDIX 3

LIST OF GENERAL INDUSTRIES

Food industries:

- 1 Manufacture of food products (factories not having scheduled boilers):-
- (i) Those food processing factories such as food catering, confectioneries, which generate wastewater containing high concentration of oil and grease shall be sited in units which are served by a separate sanitary plumbing system connected to a grease trap; and

- 2 Blending of flavours and fragrances.

Others that are compatible to food industries provided they are separated by light industries.

- 3 Manufacture of jewellery and related articles - very small-scale jewellery electroforming operations could be allowed in flatted factories that are used for light industries.
- 4 Manufacture of electrical apparatus and supplies, not elsewhere classified.
- 5 Manufacture of professional, scientific, measuring and controlling equipment, not elsewhere classified.
- 6 Manufacture of musical instruments.
- 7 Manufacture of sporting and athletic goods (not involving woodworking or electroplating operations) - woodworking operations should not be allowed.
- 8 Manufacture of cutlery, hand tools and general hardware.
- 9 Manufacture of emergency lighting and power supply systems.
- 10 Blending of detergents and cleaning preparations, perfumes, hair-care products, cosmetics and other toilet preparations.

Others that are not compatible to food industries and can be considered only if they are located 100m away

- 11 Manufacture of made-up textile goods, with dyeing, bleaching and/or other finishing operations.
- 12 Manufacture of textiles, not elsewhere classified.
- 13 Knitting mills with dyeing, bleaching and/or other finishing operations.
- 14 Manufacture of carpets and rugs with dyeing, bleaching and/or other finishing operations.
- 15 Manufacture of furniture and fixtures, except those made primarily of metal - activities must not include the manufacture of rubber or polyurethane foam.
- 16 Manufacture of wooden and cane containers and small cane wares - bleaching of cane should not be carried out.

- 17 Manufacture of wood and cork products, not elsewhere classified.
- 18 Cordage, rope and twine industries.
- 19 Manufacture of metal drums and containers.
- 20 Manufacture of metallic components using powder metallurgy methods.
- 21 Manufacture of other metallic products involving metal-stamping, wire drawing and spring coiling.
- 22 Manufacture of dry cells and batteries - activities must not include manufacture of metal electrodes.
- 23 Cutting, grinding and polishing of marble and ceramic tiles.
- 24 Manufacturing industries, otherwise classified as clean or light industries, with spray-painting operations.
- 25 Vehicle repair and servicing.
- 26 Repair and maintenance of engines, motors and mechanical pumps.
- 27 Industrial laundry services without scheduled boilers.
- 28 Filling/bottling of inert industrial gases such as nitrogen, helium and argon.
- 29 Storage of chemicals, detergents, oils, solvents, pesticides and related products.
- 30 Storage of rubber products and other odorous products.
- 31 Manufacturing industries, not elsewhere classified.
- 32 Manufacturing of joss sticks.

APPENDIX 4

LIST OF SPECIAL INDUSTRIES

Food industries (obnoxious)

- 1 Slaughtering, preparing and preserving meat.
- 2 Manufacture of dairy products.
- 3 Canning and preserving of fruits and vegetables.
- 4 Canning, preserving and processing of fish, crustaceans and similar food.
- 5 Manufacture of vegetable and animal oils and fats.
- 6 Grain mill products.
- 7 Sugar factories and refineries.
- 8 Manufacture of prepared animal feed.
- 9 Other food-manufacturing industries with scheduled boilers.
- 10 Manufacture of alcoholic products.
- 11 Manufacture of drugs and medicines.

Others that are non compatible to food industries and can be allowed if they are located 100m away

- 12 Manufacture of paints, varnishes and lacquers.
- 13 Other manufacturing industries involving the use of large quantities of organic solvents.
- 14 Assembly of computer hardware, audio-visual equipment, and other communication/ electronic equipment, apparatus and parts involving electroplating.
- 15 Assembly of office, computing and accounting machinery involving electroplating or galvanising operations.
- 16 Assembly of electrical appliances and housewares involving electroplating or galvanising operations.
- 17 Assembly of photographic and optical goods involving electroplating or galvanising operations.
- 18 Manufacture of watches and clocks involving electroplating or galvanising operations.
- 19 Manufacture of sporting and athletic goods involving woodworking or electroplating operations.

- 20 Other manufacturing industries with electroplating or galvanising operations.
- 21 Manufacture of furniture and fixtures that are primarily made of metal.
- 22 Iron and steel basic industries.
- 23 Manufacture of structural steel products.
- 24 Non-ferrous metal basic industries.
- 25 Metal-refining industries, including recovery of precious metals.
- 26 Manufacture of fabricated metal products, except machinery and equipment, not elsewhere classified.
- 27 Manufacture of engines and turbines.
- 28 Manufacture of agricultural machinery and equipment.
- 29 Machining of metal and woodworking machinery.
- 30 Manufacture of special industrial machinery and equipment, except metal and woodworking machinery.
- 31 Manufacture of machinery and equipment, except electrical, not elsewhere classified.
- 32 Manufacture of electrical industrial machinery and apparatus.
- 33 Tanneries and leather finishing.
- 34 Dressing and dyeing industries.
- 35 Spinning, weaving and finishing of textiles.
- 36 Manufacture of pulp, paper and paperboard including bleaching operations.
- 37 Sawmills and planing mills.
- 38 Other woodworking industries, not elsewhere classified.
- 39 Manufacture of basic industrial chemicals, except fertilisers.
- 40 Manufacture of fertilisers, pesticides and herbicides.
- 41 Manufacture of soaps and cleaning preparations, perfumes, cosmetics and other toilet preparations (except those without chemical reactions).
- 42 Petroleum refineries.
- 43 Manufacture of synthetic resins, plastic materials and man-made fibres and foams, except those made of glass.
- 44 Manufacture of miscellaneous products of petroleum and coal.
- 45 Manufacture of chemical products, not elsewhere classified.

- 46 Processing of waste oils and waste chemicals.
- 47 Processing of food wastes, including composting plant.
- 48 Bulk storage of hazardous substances.
- 49 Tyre and tube industries.
- 50 Manufacture of rubber products, not elsewhere classified.
- 51 Manufacture of pottery, china and earthen ware.
- 52 Manufacture of glass and glass products.
- 53 Manufacture of structural clay products.
- 54 Manufacture of cement, lime and plaster.
- 55 Manufacture of non-metallic mineral products, not elsewhere classified.
- 56 Industries using radioactive materials.
- 57 Shipbuilding and repairing.
- 58 Manufacture of railroad equipment.
- 59 Manufacture of motor vehicles.
- 60 Manufacture of motorcycles and bicycles.
- 61 Manufacture of aircrafts.
- 62 Manufacture of transport equipment, not elsewhere classified.
- 63 Any other industrial premises classified as scheduled premises.