

4. Data useful for assessing the release

4-1 Information on designated business categories

4-1-1 Classification of type of industry

As more detailed classifications of types of industry and the corresponding codes for types of industry are described below. Refer to them for identifications of types of industry and their notifications.

| Industrial Classification | | | Industrial Code | |
|---------------------------|---|--------------------------------------|---|------|
| 1 | Metal mining | Precious metallic ore mining | 0500 | |
| | | Non-ferrous metallic ore mining | | |
| | | Ferrous metallic ore mining | | |
| | | Miscellaneous metal mining | | |
| 2 | Crude petroleum and natural gas production | Crude petroleum | 0700 | |
| | | Natural gas | | |
| 3 | a | Manufacture of food | Livestock products | 1200 |
| | | | Seafood products | |
| | | | Canned and preserved fruit and vegetable products | |
| | | | Seasonings | |
| | | | Sugar processing | |
| | | | Flour and grain mill products | |
| | | | Bakery and confectionery products | |
| | | | Animal and vegetable oils and fats | |
| | | | Miscellaneous food and related products | |
| | | | b | |
| | Alcoholic beverages | 1320 | | |
| | Tea and coffee | 1300 | | |
| | Manufactured ice | | | |
| | Tabacco manufactures | 1350 | | |
| | Prepared animal foods and organic fertilizers | 1300 | | |
| | c | Manufacture of textile mill products | Silk reeling plants | 1400 |
| | | | Spinning mills | |
| | | | Twisting and bulky yarns | |
| | | | Woven fabric mills | |
| | | | Knit fabrics mills | |
| | | | Dyed and finished textiles | |
| | | | Rope and netting | |
| | | | Lace and other textile goods | |
| | Miscellaneous textile mill products | | | |

| Industrial Classification | | | Industrial Code | |
|---|---|--|---|------|
| 3 | Manufacturing | d Manufacture of apparel and other finished products made from fabrics and similar materials | Textile outer garments and shirts, including bonded fabrics and lace, except japanese style | 1500 |
| | | | Knitted garments and shirts | |
| | | | Underwear | |
| | | | Fur apparel and apparel accessories | |
| | | | Japanese style apparel and socks ("tabi") | |
| | | | Other textile apparel and accessories | |
| | | | Miscellaneous fabricated textile products | |
| | e Manufacture of lumber and wood products | Sawing, planing mills and wood products | 1600 | |
| | | Millwork, plywood and prefabricated structural wood products | | |
| | | Wooden, bamboo and rattan containers | | |
| | | Miscellaneous manufacture of wood products, including bamboo and rattan | | |
| | f Manufacture of furniture and fixtures | Furniture | 1700 | |
| | | Furniture for religious purposes | | |
| | | Sliding doors and screens | | |
| | | Miscellaneous furniture and fixtures | | |
| | g Manufacture of pulp, paper and paper products | Pulp | 1800 | |
| | | Paper | | |
| | | Coates and glazed paper | | |
| | | Paper products | | |
| | | Paper containers | | |
| | | Miscellaneous pulp, paper and paper worked products | | |
| h Publishing, printing and allied industries | Newspaper industries | 1900 | | |
| | Publishing industries | | | |
| | Printing, except mimeograph printing industries | | | |
| | Plate making for printing | | | |
| | Bookbinding and printed matter | | | |
| | Service industries related to printing trade | | | |
| i Manufacture of chemical and allied products | Chemical fertilizers | 2000 | | |
| | Industrial inorganic chemicals | | | |
| | Salts | 2025 | | |
| | Industrial organic chemicals | 2000 | | |
| | Chemical fibres | | | |

(cont'd)

| Industrial Classification | | | Industrial Code | |
|----------------------------------|--|--|---|------|
| 3 | Manufacturing | i Manufacture of chemical and allied products | Oil and fat products, soaps, synthetic detergents, surface-active agents and paints | 2000 |
| | | | Drugs and medicines | 2060 |
| | | | Cosmetics, toothpaste and toilet preparations | 2000 |
| | | | Miscellaneous chemical and allied products | |
| | | | Pesticides | 2092 |
| | j Manufacture of petroleum and coal products | Petroleum refining | 2100 | |
| | | Lubricating oils and greases (not to made in petroleum refineries) | | |
| | | Coke | | |
| | | Briquettes and briquette balls | | |
| | | Paving materials | | |
| | | Miscellaneous petroleum and coal products | | |
| | k Manufacture of plastic products | Plastic plates, bars and rods, pipes and tubes, pipe fittings and profile extrusions | 2200 | |
| | | Plastic films, sheets, floor coverings and synthetic leather | | |
| | | Industrial plastic products | | |
| | | Foamed and reinforces plastic products | | |
| | | Compounding plastic materials, including reclaimed plastics | | |
| | | Miscellaneous plastic products | | |
| | l Manufacture of rubber products | Tires and inner tubes | 2300 | |
| | | Rubber oand plastic footwear and its findings | | |
| | | Rubber belts and hoses mechanical rubber goods products | | |
| | | Miscellaneous rubber products | | |
| | m Manufacture of leather tanning, leather products and fur skins | Leather tanning and finishing | 2400 | |
| | | Mechanical leather products, except gloves and mittens | | |
| | | Cut stock and findings for boots and shoes | | |
| | | Leather footwear | | |
| | | Leather gloves and mittens | | |
| | | Luggage | | |
| Handbags and small leather cases | | | | |
| Fur skins | | | | |
| Miscellaneous leather products | | | | |

(cont'd)

| Industrial Classification | | | Industrial Code | |
|---------------------------|--|--|---|------|
| 3 | Manufacturing | n Manufacture of ceramic, stone and clay products | Glass and its products | 2500 |
| | | | Cement and its products | |
| | | | Structural clay products, except those of pottery | |
| | | | Pottery and related products | |
| | | | Clay refractories | |
| | | | Carbon and graphite products | |
| | | | Abrasive products | |
| | | | Aggregate and stone products | |
| | | | Miscellaneous ceramic, stone and clay products | |
| | o Manufacture of iron and steel | Iron industries, with blast furnaces | 2600 | |
| | | Iron smelting, without blast furnaces | | |
| | | Steel, with rolling facilities | | |
| | | Steel materials, except made by smelting furnaces and steel works with rolling facilities, except coated steel | | |
| | | Coated steel | | |
| | | Ferrous metal machine parts and tooling products | | |
| | | Miscellaneous iron and steel | | |
| | p Manufacture of non-ferrous metals and products | Primary smelting and refining of non-ferrous metals | 2700 | |
| | | Secondary smelting and refining of non-ferrous metals, including non-ferrous alloys | | |
| | | Rolling of non-ferrous metals and alloys, including drawing and extruding | | |
| | | Electric wire and cable | | |
| | | Non-ferrous metal machine parts and tooling products | | |
| | | Miscellaneous non-ferrous metal products | | |
| | q Manufacture of fabricated metal products | Tin cans and other plated sheet products | 2800 | |
| | | Tableware (occidental type), cutlery, hand tools and hardware | | |
| | | Heating apparatus and plumbing supplies | | |
| | | Fabricated constructional and architectural metal products, including fabricated plate work and sheet metal work | | |
| | | Metal machine parts and tooling products | | |
| | | Metal coating, engraving and heat treating, except enameled ironware | | |
| | | Fabricated wire products | | |

(cont'd)

| Industrial Classification | | | Industrial Code | | |
|--|---|--|---|---------------------------------------|---|
| 3 | Manufacturing | q Manufacture of fabricated metal products | Bolts, nuts, rivets, machine screws and wood screws | 2800 | |
| | | | Miscellaneous fabricated metal products | | |
| | r Manufacture of general machinery | r Manufacture of general machinery | Boilers, engines and turbines | 2900 | |
| | | | Agricultural machinery and equipment | | |
| | | | Machinery and equipment for construction and mining, including tractors for construction, agriculture and transportation of goods | | |
| | | | Metal working machinery | | |
| | | | Textile machinery | | |
| | | | Special industry machinery | | |
| | | | General industry machinery and equipment | | |
| | | | Office, service industry and household machines | | |
| | | | Miscellaneous machinery and machine parts | | |
| | | | s Manufacture of electrical machinery, equipment and supplies | | s Manufacture of electrical machinery, equipment and supplies |
| | Household electric appliances | | | | |
| | Electric bulbs and lighting fixtures | | | | |
| | Communication equipment and related products | | | | |
| | Electronic data processing machines, digital and analog computer, equipment and accessories | | | | |
| | Electronic equipment | 3060 | | | |
| | Electronic measuring instruments | 3070 | | | |
| | Electronic parts and devices | 3000 | | | |
| | Miscellaneous electrical machinery equipment and supplies | | | | |
| | t Manufacture of transportation equipment | t Manufacture of transportation equipment | | Motor vehicles, parts and accessories | |
| | | | Railroad equipment and parts | 3120 | |
| | | | Bicycle and parts | 3100 | |
| Shipbuilding and repairing, and marine engines | | | 3140 | | |
| Aircraft and parts | | | 3100 | | |
| Miscellaneous transportation equipment | | | | | |

(cont'd)

| Industrial Classification | | | Industrial Code | |
|---------------------------|---------------|--|---|------|
| 3 | Manufacturing | u Manufacture of precision instruments and machinery | Measuring instruments, analytical instruments and testing machines | 3200 |
| | | | Surveying instruments | |
| | | | Medical instruments and apparatus | 3230 |
| | | | Physical and chemical instruments | 3200 |
| | | | Optional instruments and lenses | |
| | | | Ophthalmic goods, including frames | |
| | | | Watches, clocks, clockwork-operated devices and parts | |
| | | v Manufacture of ordnance and accessories | Small arms (rifles) | 3300 |
| | | | Artillery | |
| | | | Small arms ammunition (bullets) | |
| | | | Shells, except ammunition loading and assembling | |
| | | | Ammunition, except small arms and artillery ammunition, ammunition loading and assembling | |
| | | | Ammunition loading and assembling, except small arms ammunition | |
| | | | Special combat vehicles and parts (vehicles equipped with caterpillar treads with guns and other launchers) | |
| | | | Miscellaneous ordnance and accessories | |
| | | w Miscellaneous manufacturing industries | Precious metal products, including jewel processing | 3400 |
| | | | Musical instruments | |
| | | | Toys and sporting goods | |
| | | | Pens, lead pencils, painting materials and stationery | |
| | | | Costume jewellery, costume accessories, buttons and related products, except precious metals and jewellery | |
| | | | Lacquer ware | |
| | | | Sundry goods of straw ("tatami") mats, umbrellas and other daily commodities | |
| | | | Manufacturing industries, n.e.c. | |

(cont'd)

| Industrial Classification | | Industrial Code |
|----------------------------------|---|------------------------|
| 4 | Electricity industry | 3500 |
| 5 | Gas industry | 3600 |
| 6 | Heat supply industry | 3700 |
| 7 | Sewage industry | 3830 |
| 8 | Railway industry | 3900 |
| 9 | Warehouse industry (limited to a warehouse used to store agricultural products or a warehouse used to store gas or liquid in a storage tank.) | 4400 |
| 10 | Petroleum wholesale industry | 5132 |
| 11 | Scrap iron wholesale industry (limited to the industry that collects substances which have been enclosed in an air conditioner for a car or removes an air conditioner for a car which has been attached to the body of the car.) | 5142 |
| 12 | Automobile wholesale industry (limited to the industry which collects substances which have been enclosed in an air conditioner for a car.) | 5220 |
| 13 | Fuel retail industry | 5930 |
| 14 | Laundry industry | 7210 |
| 15 | Photography industry | 7430 |
| 16 | Automobile maintenance industry | 7700 |
| 17 | Machinery and equipment repair industry | 7810 |
| 18 | Product testing industry | 8620 |
| 19 | Measurement certification industry (excluding general measurement certification industry.) | 8630 |
| 20 | Household waste disposal industry (limited to the industry of disposal of garbage) | 8716 |
| 21 | Industrial waste disposal industry | 8722 |
| | industry of disposal of industrial waste under special management | 8724 |
| 22 | Higher educational institutions (including facilities affiliated to the institution and excluding institutions only for humane sciences.) | 9140 |
| 23 | Research institutes for natural science | 9210 |

4-1-2 Outline of designated types of industry

Businesses that perform the following types of businesses are designated as requiring notification.

| Name of Industry | Generals | Remarks |
|---|--|---|
| 1 Metal mining | The industry includes business establishments which mine metallic ores, beneficiate ores, and performs other quality improvement treatments. | |
| 2 Crude petroleum and natural gas production | The industry includes business establishments which produce crude petroleum and natural gas, and produce natural gasoline, liquefied petroleum gas (LPG) and compressed gas from the petroleum produced by them. | |
| 3 Manufacturing | | |
| a. Manufacture of food | The industry includes business establishments which perform either of the following categories: 1. Manufacture of stock farm food, seafood or the like 2. Manufacture of canned vegetable, canned fruit, agricultural nonperishables or the like 3. Manufacture of seasoning, saccharides, animal and plant fat and oil, 4. Manufacture of grain cleaning, flour milling and starch, baking powder, yeast, malted rice, malt or the like 5. Manufacture of bread, cake, noodles, soybean curd, fried bean curd, frozen delicatessen, household dish or the like. | If a business establishment which is mainly engaged in sales performs simple processing of merchandise it handles as a part of its sales activity, the establishment is classified into wholesale and retailing industry, eating house. |
| b. Manufacture of beverages, tobacco and feed | The industry includes business establishments which manufacture soft drinks, alcoholic drinks, teas, coffee, ice, tobacco (including leaf tobacco), livestock feed and manure. | A business establishment which manufactures food is classified into food manufacturing industry, and a business establishment which manufactures insecticides or the like using by-products of tobaccos is classified into chemical industry. |
| c. Manufacture of textile mill products, except apparel and other finished products made from fabrics and similar materials | The industry includes business establishments which manufacture either of the following: 1. Filature, spun yarn, twine, rope or the like 2. Fabrics, knit, lace, braided cord, rope or the like 3. Refining of yarn, fabrics, knit, textile goods or the like, and bleaching, dyeing and sort-out 4. Cotton, felt or the like 5. Semi-finished textile goods such as hemp, blanket and treatments or other fabrics. | A business establishment which spins glass wool, rock wool or the like is classified into ceramic industry and earthen ware manufacturing industry. |

| Name of Industry | Generals | Remarks |
|---|---|---|
| 3 Manufacturing | | |
| d. Manufacture of apparel and other finished products made from fabrics and similar materials | The industry includes business establishments which cut and sew purchased fabrics, ground of knit, ground of felt, ground of lace, leather, fur or the like to manufacture cloth and other textile goods. | A dressmaker which tailors cloth in response to the order of individual customers is classified into wholesale and retailing industry, eating house, if the expense for materials is paid by the shop, while it is classified into service industry, if the material is supplied by individual customers. |
| e. Manufacture of lumber and wood products, except furniture | The industry includes business establishments which manufacture wooden basic lumber such as sawing and veneer, plywood, roof straight grain, and which manufacture goods using these lumber or bamboo, rattan, cork as the major materials. | A business establishment which manufactures wooden goods as part of the construction work at a construction work site and performs repair and refurnishing is classified into construction industry, and a business establishment which manufactures and retails wooden goods in response to the order of individual customers is classified into wholesale and retailing industry, eating house. |
| f. Manufacture of furniture and fixtures | The industry includes business establishments which manufacture household and office furniture (including both Japanese and Western styles), religious utensils, doors, screens, papered sliding doors, sunshade, bamboo blind or the like. | A business establishment which performs repair and refurnishing is classified into service industry. |
| g. Manufacture of pulp, paper and paper products | The industry includes business establishments which mainly manufacture pulp and paper from lumber, other plant materials or spent textile, or which manufactures paper processed goods from these papers. | A business establishment which manufactures paper yarn fabrics is classified into textile industry, the one which manufactures abrasive paper is classified into ceramic industry and earthen ware manufacturing industry, and the one which manufactures photo-optic paper is classified into chemical industry. |
| h. Publishing, printing and allied industries | The industry includes business establishments which are engaged in publishing business, printing business, and relevant auxiliary services. | |

| Name of Industry | Generals | Remarks |
|---|---|---|
| 3 Manufacturing | | |
| i. Manufacture of chemical and allied products | The industry includes business establishments whose major manufacturing process is of chemical processing, and those which perform mixing and final processing of the substances obtained by the chemical processing, that are not listed in other industries. | If a business establishment performs packaging and repackaging to sell industrial chemicals purchased from other manufacturers and does not manufacture industrial chemicals itself, it is classified into wholesale and retailing industry, eating house. |
| j. Manufacture of petroleum and coal products | The industry includes business establishments which refine petroleum, perform mixing and processing of purchased raw materials to manufacture lubricating oil and grease, and which retort coal by a coke oven. | |
| k. Manufacture of plastic products, except otherwise classified | The industry includes business establishments which manufacture molding from plastic by using various molding machines such as extruders and injection molding machines, the ones which perform cutting, bonding, painting, vacuum evaporation plating, puffing or the like on molding, the ones which perform blending and mixing with plastics (short fiber, filler, chemical stabilizer, coloring agent, plasticizer or the like) for molding, and the ones which manufacture recycled plastics. | Businesses shown below are classified as follows. A business which manufactures plastic furniture: furniture and fitting industry, A business which manufactures plastics (urea resin, melamine resin and the like) and synthetic resin adhesives: chemical industry, a business which manufactures plastic footwear and its fittings: rubber goods manufacturing industry, A business which manufactures plastic bags and pouches: leather and its goods and fur manufacturing industry, A business which manufactures plastic toothed gear: general machinery and appliance manufacturing industry, A business which manufactures plastic meter: precision machinery and appliance manufacturing industry, A business which manufactures plastic musical instrument, toy, doll, plastic office supplies, personal ornaments, ornament, button, plastic model, model, pallet (for transportation): other manufacturing industries. |

| Name of Industry | Generals | Remarks |
|---|--|--|
| 3 Manufacturing | | |
| l. Manufacture of rubber products | The industry includes business establishments which manufacture rubber goods (tire, tube, rubber footwear, rubber coated fabric, rubber belt, rubber hose, industrial rubber goods, corrected tire, retread tire, other rubber goods and the like) made of natural rubbers, synthetic rubbers or the like. | A business which manufactures filamentous rubber mixed textile goods is classified into textile industry, a business which manufactures rubber coated dressing made of rubber coated cloth purchased from other manufacturers and apparel is classified into clothing and other textile manufacturing industry, and a business which manufactures synthetic rubber is classified into chemical industry. |
| m. Manufacture of leather tanning, leather products and fur skins | The industry includes business establishments which are engaged in leather manufacturing industry and fur manufacturing industry and manufacture various leather goods and reworked leather goods, and business establishments which manufacture bags and pouches. | A business which manufactures leather goods and fur clothing is classified into clothing and other textile manufacturing industry, and a business which manufactures exerciser and toys are classified into other manufacturing industry. |
| n. Manufacture of ceramic, stone and clay products | The industry includes business establishments which manufacture plate glass and other glass goods, cement and its goods, earthenware products for construction, pottery, refractories, carbon and graphite goods, enamelware, abrasive, aggregate, gypsum goods, coal and asbestos-containing goods. | |
| o. Manufacture of iron and steel | The industry includes business establishments which manufacture iron and steel from ores, iron scrap and the like, and which manufacture iron or steel casting, forging, rolled steel, surface treatment steel and the like. | |
| p. Manufacture of non-ferrous metals and products | The industry includes business establishments which process ores and smelts and refine nonferrous metals, which manufactures alloy goods of nonferrous metals and perform rolling, reduction, extrusion of nonferrous metals, and which cast nonferrous metals and manufacture other basic goods (including wire and cable manufacturers and nuclear fuels manufacturers). | |

| Name of Industry | Generals | Remarks |
|--|--|--|
| 3 Manufacturing | | |
| q. Manufacture of fabricated metal products | The industry includes business establishments which manufacture heating arrangements, metal goods for construction and architecture, metal wire goods and various metal products that are not classified into other industries, except for goods such as tin can and other plated boards, cutlery, hand-held tools, general hardware and electric heaters. | A business which manufactures metal made furniture is classified into furniture and personal ornament manufacturing industry, and a business which processes jewel and manufactures noble metal goods is classified into other manufacturing industry. |
| r. Manufacture of general machinery | The industry includes business establishments which manufacture general machinery and apparatus except for electrical machinery and apparatus, machinery and apparatus for transportation, precision machinery and apparatus and weapons. | |
| s. Manufacture of electrical machinery, equipment and supplies | The industry includes business establishments which manufacture machinery and apparatus performing generation, storage, transmission and transformation of electrical energy and its utilization (including household electric machinery and appliances). | A business which manufactures insulated wire and cable is classified into nonferrous metal manufacturing industry, and a business which manufactures motor direct-coupled or mounted machines is classified into general machinery and appliances manufacturing industry. |
| t. Manufacture of transportation equipment | The industry includes business establishments which manufacture machinery and appliances for transportation (including vehicles, vessels, aircraft, rolling stock and other machinery and appliances for transportation). | |
| u. Manufacture of precision instruments and machinery | The industry includes business establishments which manufacture meter, measuring instrument, analyzer and testing machine, surveying equipment and instrument, medical equipment and instrument and medical utensils, physicochemical machinery, engineering machinery and instrument and lens, glasses, clock and the like. | A business which manufactures electrical measuring instrument and electronic measuring equipment is classified into electrical machinery and appliance manufacturing industry, and a business which manufactures vitrics and pottery for physicochemistry is classified into ceramic and earthenware and stone goods manufacturing industry. |
| v. Manufacture of ordnance and accessories | The industry includes business establishments which manufacture guns, artillery, bullets, artillery shells, and ammunition except for bullets and artillery shells, special armored truck and the like. | |

| Name of Industry | Generals | Remarks |
|------------------|---|---|
| 3 | Manufacturing | |
| | w. Miscellaneous manufacturing industries | The industry includes business establishments which manufacture goods that are classified into neither of a) to v) (noble metal, musical instrument, toys, exercisers, pens, pencils, utensil for painting, button, lacquered ware and the like). |
| 4 | Electricity industry | The industry includes business establishments which supply electric power corresponding to the power demand of general public, or which supply electric power to the above-mentioned establishment. |
| 5 | Gas industry | The industry includes business establishments which supply manufactured gas, natural gas or a mixed gas of these gases through piping in response to the demand of general public. |
| 6 | Heat supply industry | The industry includes business establishments which supply heat energy, steam or hot water as media of steam, hot water, chilled water or the like through piping in response to the demand of general public. |
| 7 | Sewage industry | The industry includes business establishments which discharge or process wastewater and rainwater through public sewerage system, regional sewerage system or urban sewer conduits. |
| 8 | Railway industry | Establishments engaged in railway industry which undertake businesses other than the railway business are classified into each industry according to business categories it operates. |
| 9 | Warehouse industry (limited to a warehouse used to store agricultural products or a warehouse used to store gas or liquid in a storage tank.) | A private warehousing is classified into an industry under which the major business establishment falls. The operations of cloakroom of articles, and facilities used for protective deposit and transportation, transportation handling or for substitution for transportation are excluded from warehousing. Only a business establishment which stores agricultural products or stores gas or liquid in a tank is subject to the applicable law. |

(cont'd)

| Name of Industry | | Generals | Remarks |
|------------------|---|---|--|
| 10 | Petroleum wholesale industry | The industry includes business establishments which wholesale petroleum. | Gas stations that handle gasoline and LPG and service stations supplying those are classified into fuel retailing industry. |
| 11 | Scrap iron wholesale industry (limited to the industry that collects substances which have been enclosed in an air conditioner for a car or removes an air conditioner for a car which has been attached to the body of the car.) | The industry includes business establishments which collect, select and wholesale iron scraps. | Only business establishments which deal with the substances filled in air conditioners installed in a car are subject to the applicable law. |
| 12 | Automobile wholesale industry (limited to the industry which collects substances which have been enclosed in an air conditioner for a car.) | The industry includes business establishments which wholesale components, parts and accessories of cars (including two-wheeled vehicle). | Only business establishments which deal with the substances filled in air conditioners installed in cars are subject to the applicable law. |
| 13 | Fuel retail industry | The industry includes business establishments which are equipped with a petrol pump and mainly wholesale gasoline for fuel, light oil and LPG for cars, and which retail fuels such as kerosene, propane gas, coal and firewood. | |
| 14 | Laundry industry | The industry includes the following business establishments: 1. The one which washes clothing, other textile goods and leather goods maintaining its original shape, 2. The one which receives and delivers laundry, 3. The one which washes textile goods, lends them for use, collects and washes them again after use and lends them, thus repeating the operation. | |
| 15 | Photography industry | The industry includes business establishments which do portrait photography, perform development, printing and enlargement and reproduction of films, and which perform these services for advertisers, publishers and users for their businesses. | |
| 16 | Automobile maintenance industry | The industry includes business establishments which perform maintenance and repair of cars. | |

(cont'd)

| Name of Industry | | Generals | Remarks |
|------------------|--|--|--|
| 17 | Machinery and equipment repair industry | The industry includes business establishments which perform maintenance and repair of general machinery, electrical and mechanical devices, construction machinery and mining machinery. | A business establishment which manufactures or sells the goods the same as the ones it repairs is classified into manufacturing industry or wholesale, retailing industry and eating house. |
| 18 | Product testing industry | The industry includes business establishments which perform inspection, testing and quality control of various goods (excluding items per non-destructive testing) ed. | |
| 19 | Measurement certification industry (excluding general measurement certification industry.) | The industry includes the following business establishments: 1. The one which is mainly commissioned to measure length, weight, area, volume, heat quantity or the like of cargo in loading and unloading cargoes or bringing them into and out of warehouses and certifies the results. 2. The one which is mainly commissioned to measure concentration, noise level, vibration level, radioactivity level or the like with regard to the environment and certify the results. 3. The one which is mainly commissioned to measure the quantities of physical phenomena other than those in items 1 and 2 above and certifies the results. | A business establishment which deals with services other than general measurement certification services is subject to the applicable law. |
| 20 | Household waste disposal industry (limited to the industry of disposal of garbage) | The industry includes business establishments which mainly dispose of non-industrial waste such as general waste and bulky waste (except for human excreta) collected and brought in. | The business establishments which treat the following waste are included in this category. However, business establishments which dispose of waste generated from the subject industry is included in 21 industrial waste disposal industry. |
| 21 | Industrial waste disposal industry | The industry includes business establishments which mainly dispose of waste generated as a result of business activities of collecting and bringing in of waste. | A business establishment which disposes of waste listed in the remarks column of 20 non-industrial waste disposal industry of waste generated as a result of business activities (limited to waste disposal field) is classified into this classification. However, a business establishment which disposes of waste generated from sources other than this industry is included in non-industrial waste disposal industry (limited to waste disposal industry). |

(cont'd)

| Name of Industry | | Generals | Remarks |
|------------------|---|--|---|
| 21 | Industry of disposal of industrial waste under special management | The industry includes business establishments which mainly dispose of industrial waste under special management (explosive, toxic, infectious waste, other waste which may be hazardous to human health or living environment (waste oil, strong spent acid, strong spent alkali, infectious waste, spent PCB, spent asbestos or the like)). | Except for radioactive waste disposal industry. |
| 22 | Higher educational institutions (including facilities affiliated to the institution and excluding institutions only for humane sciences.) | The industry includes schools which are intended for enlightening people as well as making research and giving expert knowledge to people to develop their intellectual, moral, and applicable abilities as the center of academic activities. It also includes, schools which are intended for rearing abilities necessary for profession or actual life (such as universities, colleges, national technical colleges). | Except for vocational schools. Schools provided with attached facilities are subject to the applicable law, and schools dealing with human science only are excluded. |
| 23 | Research institutes for natural science | The industry includes institutes of engineering such as institutes of science which study earthquakes, radiation, organic synthetic chemistry or the like, industrial engineering laboratories, mechanical technology institutes and institutes of industry, institutes and laboratories of agriculture, forestry and fishery. | Also included in this category are the facilities which perform tests, inspections, certifications or the like in response to the requests as a part of their services out of diagnostic or therapeutic necessity, or on food sanitation, preventive hygiene, vegetative physiology, pharmaceuticals or the like. |

4-1-3 Provisions in each law and regulation for facilities which fall under special requirement facilities

Facilities which fall under the special requirement facilities are provided in each of Mine Safety Law, Waste Disposal and Public Cleaning Law and Law Relating to Special and Provisional Arrangements for Countermeasures against Dioxins as follows. Refer to them for their identifications.

- a) Structures, work pieces and other facilities as provided in Item 1, Article 8 of Mine Safety Law

| | | |
|-------------------------|--|---|
| Structures | Tunnel and its post, embankment and other constructions in a pit Building, embankment and other constructions in a mine lot and above Source | |
| Work pieces | A set of hoist gears, excavators, pumps, oil storage tanks, roadways, substations or the like, machinery, tools and other materials which is integrally operated | |
| Other facilities | | |
| | 1. Blowout preventer | The whole of an equipment which performs a winze pressure control when oil is likely to blow out in excavation work, test oil well work, finishing of winze, modification work of winze or disused mine work in oil mines, a well-head equipment comprising a blowout preventer, well head, choke line, kill line, choke and valves, an equipment which operates the well-head equipment and an attached structure to the well-head equipment |
| | 2. Pipe line | The whole of facilities which transfer oil in pipes from winzes, oil storage tanks and other facilities to oil storage tanks and other facilities in oil mines (excluding those installed in a mine lot only) |
| | 3. Vehicle-operated mine machines | Machines which can be self-propelled by a motor in a coal mine, a metal mine or the like (excluding those which use rails, overhead wiring or a conveyor trough) |
| | 4. Automobile | Automobiles as provided in Item 2, Article 2 of Road Carrier Law in a coal mine, a metal mine or the like and those other than the vehicle-operated mine machines |
| | 5. Boiler | A boiler which generates a higher pressure steam than the atmospheric pressure in a sealed container and a hot-water boiler which increases the temperature of water in a sealed container and supplies the hot water outside |
| | 6. Special boiler | A boiler which generates steam in a sealed container or receives the steam to heat articles, an evaporator which generates a higher pressure steam than the atmospheric pressure and a heat accumulator which accumulates the steam in a sealed container |
| | 7. High-pressure gas treatment plant | Facilities where either of the following facilities is installed and gas, water and oil are separated from liquids mined from a winze in an oil mine a) Degassing facilities of carbon dioxide gas (limited to those which use the maximum operating pressure of 1 Mega pascal or higher) b) Refrigerating facilities with refrigerating capacity of 20 t/day or higher and a compressor which produces high-pressure gas with volume (converted at 0 °C and 0 pascal) of 100 m ³ /day or bigger |

| Other facilities | | |
|-------------------------|------------------------------|---|
| 8. | Gas aggregate welding device | Facilities as provided in Item 2, Article of Enforcement Regulations of Law on Industrial Safety and Hygiene |
| 9. | Crane | A crane which uses a motor for lifting, with lifting capacity of 3 tons or more, with glove bucket mounted with grabbing capacity of 0.5 tons or more or with a pole or a boom of 10 m or longer |
| 10. | Gas Guiding Facilities | Degassing hole, degassing dedicated winze, gas pipe, blower, gas storage tank, gas transfer facilities which are required to guide inflammable gases contained or held in the soil to the outside of the mine or to guide them to the outside of the mine for treatment and the receivers and other facilities attached to these facilities (excluding those which guide and discharge the inflammable gases contained or held in the soil to the tunnels without using a blower) |
| 11. | Gasoline plant | Facilities which recover gasoline from natural gas in an oil mine |
| 12. | Excavation barge | A mobile type work piece provided with an excavation unit used for drilling a well for an oil mine in the sea or the like, jack-up type, semisubmersible and vessel type work pieces |
| 13. | Offshore drilling unit | A stationary type unit provided with devices to drill the underSource in the seabed or take out oil for oil drilling for an oil mine in the sea |

- b) Sewerage terminal purification plant
- c) General waste disposal plant as provided in Item 1, Article 8 of Waste Disposal and Public cleaning Law or industrial waste disposal plant as provided in Item 1, Article 15 of the same
(limited to facilities where a release is grasped pursuant to e) and f)
(pIII-299) of Item 1, Article 4 of Enforcement Regulations of the Law)

| | |
|---|--|
| General waste disposal facility | |
| 1. | Waste disposal facility with treatment capacity of 5 tons/day or more (in an incineration facility, one with treatment capacity of 200 kg/h or more or with grate area of 2 m ² or more) |
| 2. | General waste final disposal facility (an area designated by Minister of Environment as a place which is used mainly for land disposal of general waste in water area reclamation) |
| Industrial waste disposal facility | |
| 1. | Dehydration facility of sludge with treatment capacity of exceeding 10 m ³ /day |
| 2. | Drying facility of sludge with treatment capacity of exceeding 10m ³ /day (100 m ³ /day in case of sunlight drying facility) |
| 3. | The following out of incineration facilities of sludge (excluding PCB disposed substances) a) Treatment capacity of exceeding 5m ³ /day b) Treatment capacity of 200kg/h or more c) Grate area of 2 m ² or more |
| 4. | Oil and water separation facility of waste oil with treatment capacity of exceeding 10 m ³ /day (excluding waste oil disposal facility as provided in Item 14, Article 3 of Law relating to the Prevention of Marine Pollution and Maritime Disaster) |
| 5. | The following out of Incineration facility of waste oil (excluding waste PCB or the like) (excluding waste oil disposal facility as provided in Item 14, Article 3 of Law relating to the Prevention of Marine Pollution and Maritime Disaster) a) Treatment capacity of exceeding 5 m ³ /day b) Treatment capacity of 200kg/h or more c) Grate area of 2 m ² or more |
| 6. | Neutralization facility of waste acid or waste alkali with treatment capacity of exceeding 50 m ³ /day |
| 7. | Crushing facility of waste plastics with treatment capacity of exceeding 5 tons/day |
| 8-1. | The following out of incineration facility of waste plastics (excluding PCB-polluted substances and PCB-treated substances) a) Treatment capacity of exceeding 100 kg/day b) Grate area of 2 m ² or more |
| 8-2. | Waste as stipulated in Item 2, Article 2 of Enforcement Regulations of Waste Disposal and Public Cleaning Law with treatment capacity of exceeding 5 tons/day (limited to those which are generated accompanying business activity) or crushing facility of rubbles |
| 9. | Concrete solidification facility of sludge including substances as stipulated in Separate Table 3-3 in Enforcement Regulations of Waste Disposal and Public Cleaning Law |
| 10. | Roasting facility of sludge containing mercury and its compounds |
| 11. | Decomposition facility of cyanides contained in sludge, waste acid or waste alkali |

| Industrial waste disposal facility | |
|---|---|
| | 12-1. Incineration facility of waste PCB, PCB-polluted substances or PCB-treated substances |
| | 12-2. Decomposition facility of waste PCB (including substances coated with PCB-polluted substances, impregnated with PCB-polluted substances and to which PCB-polluted substances are attached or sealed PCB) or PCB-treated substances |
| | 13-1. Cleaning facility or decomposition facility of PCB-polluted substances or PCB-treated substances |
| | 13-2. The following out of incineration facilities of industrial waste (excluding those itemized in items 3, 5, 8 and 12) a) Treatment capacity of 200kg/h or more b) Grate area of 2 m ² |
| | 14. The following out of industrial waste disposal facilities a) Cites for landfill disposal of industrial waste as stipulated in (c)(1) to (5) in Section 3, Item 1, Article 6 to (a) (1) to (6) in Section 3, Item 1, Article 6-5 of Enforcement Regulations of Waste Disposal and Public Cleaning Law b) Cites for landfill disposal of stable-type industrial waste (excluding water area reclamation cites) c) Cites for landfill disposal of industrial waste other than industrial waste as provided in item a) and stable-type industrial waste (mainly limited to areas designated by Minister of the Environment as cites for landfill disposal of industrial waste other than industrial waste as provided in item a) and stable-type industrial waste in water area reclamation cites) |

d) Specified facilities as provided in Item 2, Article 2 of Law Relating to Special and Provisional Arrangements for Dioxins

| | |
|--|---|
| Specified facilities | Facilities which generate dioxins and emit them into the air and discharge waste water or waste liquid |
| Facilities which emit dioxins into the air | |
| | 1. Sintering furnace used to manufacture a sintered ore (limited to one used to manufacture pig iron), with treatment capacity of raw material of 1 ton/h or more |
| | 2. Electric furnace used for steel making (excluding those used for cast steel or forget steel), with rated capacity of transformer of 1,000 kV·A or higher |
| | 3. Roasting furnace, sintering furnace, blast furnace, smelting furnace and drying oven used to recover zinc (limited to the soot and dust which are generated from an electric furnace for steel making and those collected by a dust collector used for recovering zinc.), with treatment capacity of raw material of 0.5 tons/h or more |
| | 4. Roasting furnace, blast furnace and drying oven used to manufacture an aluminum alloy (limited to those which use the aluminum rubbish as the raw material) (excluding those which are generated in the roll process of aluminum in a factory where the aluminum alloy is manufactured), roasting furnace and drying oven with treatment capacity of 0.5 tons/h or more, blast furnace with treatment capacity of 1 ton/h or more |
| | 5. Waste incinerator with grate area (the total of the grate areas if a plurality of waste incinerators are installed in a waste incineration facility) of 0.5 m ² or more or incineration capacity (the total of the incineration capacities if a plurality of waste incineration facilities in a waste incineration facility) of 50 kg/h or more |
| Facilities which discharge waste water or waste liquid containing dioxins | |
| | 1. Bleaching facilities of chlorine or chlorine compounds used to manufacture sulfate pulp (craft pulp) or sulfite pulp |
| | 2. Acetylene cleaning facilities used to manufacture acetylene in carbide process |
| | 3. Waste gas cleaning facilities out of facilities used to manufacture potassium sulfate |
| | 4. Waste gas cleaning facilities out of facilities used to manufacture alumina fibers |
| | 5. Ethylene dichloride cleaning facilities used to manufacture vinyl chloride monomer |
| | 6. The following out of facilities used to manufacture caprolactam (which uses nitrosyl chloride) a) Sulfuric acid concentration facilities b) Cyclohexane separation facilities c) Waste gas cleaning facilities |
| | 7. The following out of facilities used to manufacture cylobenzene or dichlorobenzene a) Water washing facilities b) Waste gas cleaning facilities |
| | 8. The following out of facilities used to manufacture 8, 18-dichloro-5, 15-diethyl-5, 15-dihydrodiindolo [3,2-b:3', 2'-m] triphenodioxazin (another name: dioxazin violet. Merely called "dioxazin violet" in item c)) a) Nitro derivative separation facilities and reduced derivative separation facilities b) Nitro derivative cleaning facilities and reduced derivative cleaning facilities c) Dioxazin violet cleaning facilities d) Hot air drying facilities |

| Facilities which discharge waste water or waste liquid containing dioxins | |
|--|---|
| 9. | The following out of roasting furnace and blast furnace used to manufacture aluminum and its alloy or facility which treats gases emitted from a drying oven a) Waste gas cleaning facilities b) Wet-type dust-collecting facilities |
| 10. | The following out of facilities used to recover zinc (limited to the soot and dust generated from electric furnace used for steel making and those collected by a dust collector for recovering zinc) a) Refinery facilities b) Waste gas cleaning facilities c) Wet-type dust-collecting facilities |
| 11. | The following out of facilities which treat gases emitted from waste incinerator in "5) facility which emits dioxins into the air" and those which discharge waste water or waste liquid in the storage facilities of the ash generated in the waste incinerator a) Waste gas cleaning facilities b) Wet-type dust-collecting facilities |
| 12. | Facilities as provided in Item 12-2, Article 7 and Item 13 of Enforcement Regulations of Waste Disposal and Public cleaning Law |
| 13. | Sewerage terminal purification facilities (limited to those which treat the waste water or waste water containing waste liquid of the facilities as provided in the items 1) to 12) and 14) |
| 14. | Treatment facilities (excluding those which are described in item 13) of the water discharged from factories or establishments where the facilities described in items 1 to 12 are installed (excluding the water which is discharged to public water areas, limiting to the waste water or the waste liquid of the facilities described in the items 1 to 12 or the water which contains the water where the waste water or the waste liquid is treated) |