

SCHEDULE

Regulation 2

PRESCRIBED CLASSES OF PLANT AND MACHINERY

CLASS 1

Plant and machinery specified in Table 1 below (together with any of the appliances and structures accessory to such plant or machinery and specified in the List of Accessories set out below) which is used or intended to be used mainly or exclusively in connection with the generation, storage, primary transformation or main transmission of power in or on the lands and heritages.

In this Class—

- (a) “transformer” means any plant which changes the pressure or frequency or form of current of electrical power to another pressure or frequency or form of current, except any such plant which forms an integral part of an item of plant or machinery in or on the lands and heritages for manufacturing operations or trade processes;
- (b) “primary transformation of power” means any transformation of electrical power by means of a transformer at any point in the main transmission of power; and
- (c) “main transmission of power” means all transmission of power from the generating plant or point of supply in or on the lands and heritages up to and including—
 - (i) in the case of electrical power, the first distribution board;
 - (ii) in the case of transmission by shafting or wheels, any shaft or wheel driven directly from the prime mover;
 - (iii) in the case of hydraulic or pneumatic power, the point where the main supply ceases, excluding any branch service piping connected with such main supply;
 - (iv) in a case where, without otherwise passing beyond the limits of the main transmission of power, power is transmitted to other lands and heritages, the point at which the power passes from the lands and heritages.

TABLE 1

- (a) Steam boilers (including their settings) and chimneys, flues and dust or grit catchers used in connection with such boilers; furnaces; mechanical stokers; injectors, jets, burners and nozzles; superheaters; feed water pumps and heaters; economisers; accumulators; deaerators; blow-off tanks; gas retorts and charging apparatus, producers and generators.
- (b) Steam engines; steam turbines; gas turbines; internal combustion engines; hot-air engines; barring engines.
- (c) Continuous and alternating current dynamos; couplings to engines and turbines; field exciter gear; three-wire or phase balancers.
- (d) Storage batteries, with stands and insulators, regulating switches, boosters and connections forming part thereof.
- (e) Static transformers; auto transformers; motor generators; motor converters; rotary converters; transverters; rectifiers; phase converters; frequency changers.
- (f) Cables and conductors; switchboards, distribution boards, control panels and all switchgear and other apparatus thereon.
- (g) Water wheels; water turbines; rams; governor engines; penstocks; spillways; surge tanks; conduits; flumes; sluice gates.
- (h) Pumping engines for hydraulic power; hydraulic engines; hydraulic intensifiers; hydraulic accumulators.
- (i) Air compressors; compressed air engines.

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- (j) Windmills.
- (k) Shafting, couplings, clutches, worm-gear, pulleys and wheels.
- (l) Steam or other motors which are used or intended to be used mainly or exclusively for driving any of the plant and machinery falling within this Class.
- (m) Aero-generators; wind turbines.
- (n) Solar cells; solar panels.

CLASS 2

Plant and machinery specified in Table 2 below (together with the appliances and structures accessory to such plant or machinery and specified in paragraph 2 of the List of Accessories set out below) which is used or intended to be used mainly or exclusively in connection with services to the land or buildings of which the lands and heritages consist, other than any such plant or machinery which is in or on the lands and heritages and is used or intended to be used in connection with services mainly or exclusively as part of manufacturing operations or trade processes.

In this Class, “services” means heating, cooling, ventilating, lighting, draining or supplying of water and protection from trespass, criminal damage, theft, fire or other hazard.

TABLE 2

GENERAL

- (a) Any of the plant and machinery specified in Table 1 and any motors which are used or intended to be used mainly or exclusively for driving any of the plant and machinery falling within paragraphs (b) to (f) of this Table.

HEATING, COOLING AND VENTILATING

- (b)
 - (i) Water heaters.
 - (ii) Headers and manifolds; steam pressure reducing valves; calorifiers; radiators; heating panels; hot-air furnaces with distributing ducts and gratings.
 - (iii) Gas pressure regulators; gas burners; gas heaters and radiators and the flues and chimneys used in connection therewith.
 - (iv) Plug-sockets and other outlets; electric heaters.
 - (v) Refrigerating machines.
 - (vi) Water screens; water jets.
 - (vii) Fans and blowers.
 - (viii) Air intakes, channels, ducts, gratings, louvres and outlets.
 - (ix) Plant for filtering, washing, drying, warming, cooling, humidifying, deodorising and perfuming, and for the chemical and bacteriological treatment of air.
 - (x) Pipes and coils when used for causing or assisting air movement.

LIGHTING

- (c)
 - (i) Gas pressure regulators; gas burners.
 - (ii) Plug-sockets and other outlets; electric lamps.

DRAINING

- (d) Pumps and other lifting apparatus; tanks; screens; sewage treatment plant and machinery.

SUPPLYING WATER

- (e) Pumps and other water-lifting apparatus; sluice-gates; tanks, filters and other plant and machinery for the storage and treatment of water.

PROTECTION FROM HAZARDS

- (f) Tanks; lagoons; reservoirs; pumps, hydrants and monitors; fire alarm systems; fire and explosion protection and suppression systems; bunds; blast protection walls; berms; lightning conductors; security and alarm systems; ditches; moats; mounds; barriers; doors; gates; turnstiles; shutters; grilles; fences.

LIST OF ACCESSORIES

1. Any of the following plant and machinery which is used or intended to be used mainly or exclusively in connection with the handling, preparing or storing of fuel required for the generation or storage of power in or on the lands and heritages:—

cranes with their grabs or buckets; truck or wagon tippers; elevating and conveying systems, including power winches, drags, elevators, hoists, conveyors, transporters, travellers, cranes, buckets forming a connected part of any such system, and any weighing machines used in connection therewith; magnetic separators; driers; breakers; pulverisers; bunkers; gas-holders; tanks.

2. Any of the following plant and machinery which is used or intended to be used mainly or exclusively as part of or in connection with or as an accessory to any of the plant and machinery falling within Class 1 or Class 2:—

- (i) foundations, settings, gantries, supports, platforms and stagings for plant and machinery;
- (ii) steam-condensing plant, compressors, exhausters, storage cylinders and vessels, fans, pumps and ejectors; ash-handling apparatus;
- (iii) travellers and cranes;
- (iv) oiling systems; earthing systems; cooling systems;
- (v) pipes, ducts, valves, traps, separators, filters, coolers, screens, purifying and other treatment apparatus, evaporators, tanks, exhaust boxes and silencers, washers, scrubbers, condensers, air heaters and air saturators;
- (vi) shafting supports, belts, ropes and chains;
- (vii) cables, conductors, wires, pipes, tubes, conduits, casings, poles, supports, insulators, joint boxes and end boxes;
- (viii) instruments and apparatus attached to the plant and machinery, including computers, meters, gauges, measuring and recording instruments, automatic or programmed controls, temperature indicators, alarms and relays.

CLASS 3

The following items:—

- (a) railway and tramway lines and tracks and associated fixed accessories and equipment;
- (b) lifts, elevators, hoists, escalators and travelators;
- (c) cables, wires and conductors, or any system of such items, used or intended to be used in connection with the transmission, distribution or supply of electricity other than such items or parts of such items which are comprised in the equipment of and are situated within premises;

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In this paragraph, “premises” means any lands and heritages other than those used or intended to be used mainly or exclusively for the transmission, distribution or supply of electricity;

- (d) poles, posts, pylons, towers, pipes, ducts, conduits, meters, switchgear and transformers, and any associated supports and foundations, used or intended to be used in connection with any of the items included in (c) above;
- (e) cables, fibres, wires and conductors, or any system of such items, or any part of such items or such system, used or intended to be used in connection with the transmission of communications signals, and which are comprised in the equipment of and are situated within premises;

In this paragraph—

- (i) “premises” means any lands and heritages which are used, or intended to be used, mainly or exclusively for the processing or the transmission of communications signals excluding any part of such lands and heritages within which there is equipment used mainly for the processing of communications signals;
- (ii) “processing of communications signals” means the conversion of one form of communication signal to another form or the routing of communication signals by switching; and
- (iii) “equipment used mainly for the processing of communications signals” includes:
 - that part of any associated cable, fibre, wire or conductor which extends from the point of conversion or switching to the first distribution or termination frame or junction; and
 - that part of any associated cable, fibre, wire or conductor which extends from the last distribution or termination frame or junction to the point of conversion or switching;
- (f) poles, posts, towers, masts, mast radiators, pipes, ducts and conduits, and any associated supports and foundations, used or intended to be used in connection with any of the items included within (e) above;
- (g) a pipe-line, that is to say, a pipe or system of pipes and associated fixed accessories and equipment for the conveyance of any thing, not being—

- (i) a drain or sewer; or
- (ii) a pipe-line which forms part of the equipment of, and is wholly situated within, relevant premises;

and where a pipe-line forms part of the equipment of, and is situated partly within and partly outside, relevant premises, excluding—

- (iii) in the case of a pipe-line for the conveyance of any thing to the premises, so much of the pipe-line as extends from the first control valve on the premises; and
- (iv) in the case of a pipe-line for the conveyance of anything away from the premises, so much of the pipe-line as extends up to the last control valve on the premises;

but not excluding so much of the pipe-line as comprises the first or, as the case may be, last, control valve;

In this paragraph, “relevant premises” means a factory or petroleum storage depot, a mine, quarry or mineral field or a natural gas storage or processing facility or gas holder site. For this purpose—

- (a) “factory” has the same meaning as in the Factories Act 1961(1);

(1) 1961 c. 34.

- (b) “mine” and “quarry” have the same meanings as in the Mines and Quarries Act 1954(2);
- (c) “mineral field” means an area comprising an excavation being a well or bore-hole or a well and bore-hole combined, or a system of such excavations, used for the purpose of pumping or raising brine or oil or extracting natural or landfill gas, and so much of the surface (including buildings, structures and works thereon) surrounding or adjacent to the excavation or system as is occupied, together with the excavation or system, for the purpose of the working of the excavation or system;
- (d) “petroleum storage depot” means premises used primarily for the storage of petroleum or petroleum products (including chemicals derived from petroleum) or of materials used in the manufacture of petroleum products (including chemicals derived from petroleum).

CLASS 4

The items specified in Tables 3 and 4 below, except—

- (a) any such item which is not, and is not in the nature of, a building or structure;
- (b) any part of any such item which does not form an integral part of such item as a building or structure or as being in the nature of a building or structure;
- (c) so much of any refractory or other lining forming part of any plant or machinery as is customarily renewed by reason of normal use at intervals of less than fifty weeks;
- (d) any item in Table 4 the total cubic capacity of which (measured externally and excluding foundations, settings, supports and anything which is not an integral part of the item) does not exceed four hundred cubic metres and which is readily capable of being moved from one site and re-erected in its original state on another without the substantial demolition of any surrounding structure.

TABLE 3

Blast Furnaces.

Bridges.

Bunds.

Chimneys and flues.

Coking Ovens.

Cooling Ponds.

Floating pontoons, with any bridges or gangways not of a temporary nature used in connection therewith.

Flumes, conduits and ducts.

Foundations, settings, fixed gantries, supports, walkways, stairways, handrails, catwalks, stages, staithes and platforms.

Headgear for—

 mines, quarries and pits;

 wells.

Masts (including guy ropes) and towers for radar or communication signals.

Pits, beds and bays.

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Radio telescopes.
Shiplifts and building berths.
Tippers.
Transversers and turntables.
Well casings and liners.

TABLE 4

Accelerators.
Acid concentrators.
Bins and hoppers.
Boilers.
Bunkers.
Burners, converters, furnaces, kilns, stoves and ovens.
Chambers and vessels.
Condensers and scrubbers.
Coolers, chillers and quenchers.
Cupolas.
Cyclones.
Economisers, heat exchangers, recuperators, regenerators and superheaters.
Evaporators.
Filters and separators.
Gas producers, generators, purifiers, cleansers and holders.
Hydraulic accumulators.
Precipitators.
Reactors.
Refuse destructors and incinerators.
Retorts.
Silos.
Stills.
Tanks.
Towers and columns.
Vats.
Washeries for coal.
Wind tunnels.