(2) Lead thiocyanate, specified ferro-alloys, specified manufactures and semi-manufactures of platinum and platinum alloys, certain wire and strip of copper or copper alloys and specified track laying tractors may now be exported without licence to any of the destinations specified in Part II of the Third Schedule excluding Hong Kong.

(3) The value limit of bona fide gift parcels has been increased from £10 to £25.

1954 No. 1322

The Export of Goods (Control) (Amendment No. 2) Order, 1954

Made - - - -	*8th October,* 1954
Coming into Operation	*20th October,* 1954

The Board of Trade, in exercise of the powers conferred upon them by Section 1 of the Import, Export and Customs Powers (Defence) Act, 1939(**a**), and of all other powers enabling them in that behalf, do hereby order as follows:—

1. The Export of Goods (Control) (Consolidation) Order, 1954(**b**), as amended(**c**), shall have effect as if:—

(1) The First Schedule were amended in the manner specified in the First Schedule to this Order;

(2) The Second Schedule were amended in the manner specified in the Second Schedule to this Order; and

(3) The Third Schedule were amended in the manner specified in the Third Schedule to this Order.

2.—(1) The Interpretation Act, 1889(**d**), applies to the interpretation of this Order as it applies to the interpretation of an Act of Parliament.

(2) This Order may be cited as the Export of Goods (Control) (Amendment No. 2) Order, 1954, and shall come into operation on the 20th day of October, 1954.

Dated this 8th day of October, 1954.

R. J. W. Stacy,
An Under-Secretary of the
Board of Trade.

(**a**) 2 & 3 Geo. 6. c. 69.
(**b**) S.I. 1954/118, p. 549 above.
(**c**) S.I. 1954/530, p. 599 above.
(**d**) 52 & 53 Vict. c. 63.

FIRST SCHEDULE

In the First Schedule, in Group 1, delete the item "Coffee; mixtures of coffee and chicory; and coffee and chicory extracts and essences.":

under the heading relating to feeding stuffs for animals, in the list of exceptions, after the item relating to cat and dog foods, insert the item:—

"Cocoa and chocolate by-products and residues.":

after the item "Potatoes and feeding stuffs for animals consisting solely of potato products,", insert the item:—

"Rice and feeding stuffs for animals consisting solely of rice products.":

delete the heading relating to grain and products derived from grain, and the items thereunder, and substitute therefor:—

"Grain, other than rice.
Grain products, the following, unless prepared ready for human consumption and made up and packed ready for retail sale:—
Pearled barley and pot barley, and barley meal or barley flour.
Oatmeal (including all cuts of oatmeal), oat flour, oat groats, rolled oats and flaked oats.":

delete the heading relating to meat, and the items thereunder, and substitute therefor:—

"Meat, being the edible flesh or edible offals of domesticated bovine, ovine or porcine animals, of the following descriptions:—
Carcass meat, fresh, chilled, frozen, pickled or salted.
Offals, edible, fresh, chilled, frozen, pickled or salted, other than the following:—
Pigs' feet.
Sheep's feet.".

In Group 3, delete the heading relating to gums and resins, and the items thereunder, and substitute therefor:—

"Rosin (colophony) and mixtures (other than medicinal preparations) wholly or mainly of rosin (colophony).":

under the heading relating to oils, delete the following items:—

"Coconut oil.
Groundnut oil.
Palm oil.
Palm kernel oil.
Sesame (Gingelly) oil.
Sunflower seed oil.
Whale oil.":

under the heading relating to mixtures wholly or mainly of oils, fats and greases, delete the items:—

"Compound cooking fat.
Lecithin with oil or fat.":

under the heading relating to oleaginous seeds, delete the following items:—

"Copra.
Palm kernels.
Peanuts, shelled and in shell.
Sesame (Gingelly) seed.
Sunflower seeds.".

In Group 4, under the heading "Abrasives of the following descriptions:- ", delete the items:—

"Boron carbide.
Corundum, natural.":

delete the heading "Abrasive manufactures of the following descriptions:—" and the items thereunder, and substitute therefor:—

"Abrasive manufactures of the following descriptions:—
Grinding wheels, lapping wheels, polishing wheels and other abrasive articles consisting of diamond abrasive bonded together with other material.
Grinding or polishing compositions containing diamond abrasive.".

In Group 5, delete the item relating to carbon.:

delete the item "Celestite (celestine) and strontianite.":

delete the item relating to graphite, and substitute therefor:—

"Graphite, artificial, having a boron content of one part per million or less, in the form of blocks, bricks, plates, rods and electrodes from which a cube of 2 inches side or greater can be cut.":

delete the item "Graphite, natural or artificial, scrap.":

delete the item relating to mica.:

delete the heading "Plastic materials:—" and the items thereunder and substitute therefor:—

"Plastic materials:—
(1) Plastic materials in the form of blocks, containers, granules, liquid polymers, powders, rods, sheets, strips, tubes or pipes, the following:—
Polyethylene.
Polytetrafluoroethylene.
Polytrifluorochloroethylene.
(2) Polymethyl-methacrylates in the form of clear sheet or sheeting, whether or not laminated, of not less than ¼ inch thickness.":

delete the heading relating to siloxanes and the items thereunder, and substitute therefor:—

"Siloxanes, whether polymerised or not, and preparations thereof, of the following descriptions:—
Silicone fluids.
Silicone high vacuum grease.
Silicone rubber.
Silicone stopcock grease.".

In Group 6 (1), delete the item relating to aluminium and alloys, and substitute therefor:—

"Aluminium and aluminium alloys, the following:—
Aluminium and alloys containing by weight 45 per cent. or more of aluminium in the form of bars (including notched bars and wire bars), billets, blocks, blooms, cakes, grains, granules, ingots, lumps, pellets, pigs, powder, sticks, shot and slabs.
Aluminium alloys containing by weight 45 per cent. or more of aluminium and one or more of the following constituents in the proportions stated:—
(*a*) 1 per cent. or more by weight of copper;
(*b*) 4 per cent. or more by weight of zinc;
(*c*) 3·5 per cent. or more by weight of silicon;
(*d*) 9·5 per cent. or more by weight of magnesium,
in the following forms:—
Angles, castings, circles, channels, foil and leaf in all forms (whether or not backed with other material), forgings, impact extrusions, pipes, plates, powder, pressings, rods (including welding rods and welding electrodes), sections, shapes, sheets, stampings, strip, tubes, wire (single or stranded, whether covered or not, other than steel cored wire).":

delete the item "Cerium and other rare earth metals and alloys thereof, other than in the form of lighter flints.":

delete the heading relating to ferro-alloys and the items thereunder, and substitute therefor:—

"Ferro-alloys, whether briquetted or not, other than the following:—
Ferro-boron.
Ferro-cadmium.
Ferro-chromium containing by weight more than 0·03 per cent. of carbon.
Ferro-manganese containing by weight less than 3 per cent. of carbon.
Ferro-silico-chromium.
Ferro-silicon containing by weight more than 15 per cent. but less than 90 per cent. of silicon.
Ferro-silico-manganese.
Ferro-silico-spiegel.
Ferro-titanium.
Ferro-tungsten.
Ferro-vanadium.
Tungsten melting base containing by weight 20 per cent. or more of tungsten alloyed with iron.":

delete the heading "Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, in the following forms:—", and the items thereunder, and substitute therefor:—

"Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, in the following forms:—
Rails of all kinds weighing 70 lbs. and over per linear yard or 35 kilogrammes per metre.
Rail locomotive tyres, wheels, wheel centres and axles.
Wire rope, strand and cord, to British Standards Specifications W.10 and W.11.":

delete the heading "Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron and one or more of the following constituents in the proportions stated:—", and the items thereunder, and substitute therefor:—

"Iron, steel and alloys or iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron and one or more of the following constituents in the proportions stated:—
(*a*) 6 per cent. or more by weight of molybdenum;
(*b*) 3 per cent. or more by weight of molybdenum together with more than 14 per cent. by weight of chromium;
(*c*) 6 per cent. or more by weight of cobalt;
(*d*) 0·25 per cent. or more by weight of columbium (niobium) or tantalum;
(*e*) 3·25 per cent. or more by weight of silicon;
(*f*) 35 per cent. or more by weight of nickel;
(*g*) 35 per cent. or more by weight of alloying elements (other than iron) one of which is nickel,
in any of the following forms:—
Angles, channels, tees and other sectional material (whether fabricated or not) but not including machinery parts.
Bar and rod ends, crop ends, plate and sheet cuttings and ingot discards of all kinds.
Bars and rods, including hollow mining drill steel.
Billets, blooms and slabs.
Castings and forgings (including drop forgings) in the rough or machined, but not including machinery parts.
Hoop and strip, whether coated or not.
Ingots.
Pipes and tubes.
Plates, including plate work unassembled.
Sheet bars.
Sheets including sheet work unassembled, whether coated or not.
Tool-bits and tool-bit blanks.

Tube rounds, squares and hollows.
Welding electrodes and welding rods.
Wire, including stranded wire, wire cable and rope, whether insulated or not.
Wire rods.":

delete the heading "Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, excluding materials containing any of the following metals in the proportions stated:—", and the items thereunder, and substitute therefor:—

"Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, not elsewhere specified in this Schedule to the Order, excluding materials containing any of the following metals in the proportions stated:—

(*a*) 0·40 per cent. or more by weight of chromium;
(*b*) 0·40 per cent. up to 5 per cent. by weight of nickel;
(*c*) 0·10 per cent. or more by weight of molybdenum, tungsten or vanadium;
(*d*) 10·00 per cent. or more by weight of manganese,

in any of the following forms:—

Billets, blocks, blooms, cubes, circles, discs and slabs.
Ingots.
Pig iron.
Sheet bars.
Sheets, including sheet work unassembled, whether coated or not, other than tinplate, terneplate, blackplate and tinned sheets.
Tinplate bars.
Tube rounds, squares and hollows.":

delete the heading relating to metals and alloys, and the items thereunder, and substitute therefor:—

"Metals and alloys (wrought or unwrought, whether or not coated, plated, drilled or punched), other than alloys containing by weight more than 55 per cent. of iron, in the form of amalgams, angles, anodes, bars (including wire bars), billets, blocks, blooms, cakes, cathodes, circles, cubes, discs, dust, flakes, foil and leaf in all forms (whether or not backed with other material), grain, granules, ingots, liquid, lumps, pellets, pigs, pipes and tubes, plates, powder, ribbons, rings, rods (including welding rods and welding electrodes), rondels, sections (but not including machinery parts), shapes, shavings, sheets, shot, slabs, sponge, sticks, strip and wire (bare, whether stranded or not, including cables, ropes and spirals) of the following descriptions:—

Beryllium.
Bismuth.
Chromium.
Cobalt.
Columbium (niobium).
Germanium.
Mercury.
Molybdenum.
Nickel.
Silver.
Tantalum.
Thorium.
Titanium.
Uranium.
Zirconium.

Alloys containing one or more of the following constituents in the proportions stated:—

(*a*) any percentage by weight of cobalt, molybdenum, nickel, silver or uranium;
(*b*) 1½ per cent. or more by weight of thorium;
(*c*) 20 per cent. or more by weight of bismuth;
(*d*) 50 per cent. or more by weight of beryllium, columbium (niobium), titanium or zirconium.":

under the heading relating to ores and concentrates, delete the items:—

"Cerium and other rare earth metals (raw and treated, including residues and tailings).

Iron pyrites (including cupreous pyrites, arsenical pyrites, and other iron sulphide ores and minerals).

Lithium.

Strontium.

Vanadium.

Zinc.":

delete the heading relating to platinum and alloys containing platinum and the items thereunder.:

delete the item "Silicon and alloys containing 90 per cent. or more of silicon.", and substitute therefor:—

"Silicon.":

after the item "Silicon.", insert the item:—

"Tungsten and tungsten alloy wire and filament, whether or not coated or covered.".

In Group 6 (3), delete the preface and all the items thereunder and substitute therefor:—

"Co-axial type cables, the following:—

(*a*) having an attenuation not exceeding 10 decibals per 100 feet and a standing wave ratio of 2 or less, when terminated in their characteristic impedance at 3,000 megacycles, including air-spaced cable with a continuous helical dielectric separator, except air-spaced disc-separated cable.

(*b*) insulated with polytetrafluoroethylene or polytrifluorochloroethylene.

Cocks and pipe valves, having all flow contact parts made of, or lined with, any of the following materials:—

(*a*) Metals and alloys containing:—

(i) 90 per cent. or more by weight, separately or combined, of tantalum, titanium or zirconium;

(ii) 50 per cent. or more by weight, separately or combined, of cobalt or molybdenum;

(iii) 10 per cent. or more by weight, separately or combined, of chromium or nickel;

(iv) 10 per cent. or more by weight of silicon,

(*b*) Polytetrafluoroethylene or polytrifluorochloroethylene,

but excluding valves of the following types:—

Check, non-return and float valves.

Pressure relief valves designed for working pressures of less than 450 p.s.i. (32 kilogrammes per square centimetre).

Pipe and tubing (metal) lined with polytetrafluoroethylene or polytrifluorochloroethylene.

Pumps (other than vacuum pumps) capable of delivering liquids separately or in combination with solids, gases, or solids and gases, and possessing any of the following characteristics:—

(1) designed to move molten metals by electro-magnetic forces.

(2) designed to produce pressures of 450 p.s.i. (32 kilogrammes per square centimetre) or more and having an inlet connection greater than 3 inches (75 millimetres) internal pipe size.

(3) having all flow contact parts made of, or lined with, any of the following materials:—

(*a*) Metals and alloys containing:—

(i) 90 per cent. or more by weight, separately or combined, of tantalum, titanium or zirconium;

(ii) 50 per cent. or more by weight, separately or combined, of cobalt or molybdenum;

(iii) 10 per cent. or more by weight, separately or combined, of chromium or nickel;

(iv) 10 per cent. or more by weight of silicon.

(*b*) Polytetrafluoroethylene or polytrifluorochloroethylene.

Vacuum pumps, other than such pumps specified in Group 15 of this Schedule to the Order, designed to produce a vacuum of 0·1 millimetre of mercury pressure absolute or less, and parts thereof.

Valves, with bellows, seal, wholly made of, or lined with, aluminium, nickel or alloy containing by weight 60 per cent. or more of nickel.

Wire and strip, of copper or copper alloys, not elsewhere specified in this Schedule to the Order, the following:—

Wire, single strand of a diameter of 0·014 inches (0·35 millimetres) or less, covered or insulated with any material.

Strip, paper covered.".

In Group 6 (4), delete the item relating to air conditioning machines.:

before the item relating to ball and roller bearings, insert the item:—

"Apparatus designed for removing surplus stock from workpieces of metal or other materials—

(*a*) by the discharge of electric sparks from a shaped electrode.

(*b*) by applying ultrasonic vibrations.

(*c*) by electrolytic means in combination with abrasive action.":

delete the item relating to ball and roller bearings, and substitute therefor:—

"Bearings, ball and roller, and parts thereof; and plummer blocks, brackets, hangers and pedestals, incorporating such bearings.":

delete the item relating to bearings, water lubricated, and substitute therefor:—

"Bearings, water lubricated, consisting of a metal housing inset with compounded Nitrile (Acrylonitrile) synthetic rubber, of the kinds used for marine propeller shafts and rudder post bearings.":

after the item relating to bearings, water lubricated, insert the item:—

"Boilers, marine, and feed water heaters, the following:—

Marine steam boilers having a capacity to generate 11 pounds or more of steam per square foot of tubular heating surface per hour at pressures of 450 pounds per square inch (32 kilogrammes per square centimetre) or over, and feed water heaters therefor.":

delete the heading relating to compressors, blowers and fans, and the items thereunder, and substitute therefor:—

"Compressors, blowers and fans (whether incorporated in other machinery or plant or not) of the following descriptions (other than those specified in Group 15 of this Schedule to the Order) and parts of such compressors, blowers and fans:—

Turbo-compressors, blowers and fans capable of operating with a mainstream internal air flow exceeding a Mach number of 0·9.

Turbo-compressors, blowers and fans of axial flow type with a compression ratio of 2 to 1 or more and capable of operating with a mainstream internal air flow exceeding a Mach number of 0·7.

Compressors, blowers and fans capable of either—

(1) an overall compression ratio of 2 to 1 or more, coupled with a capacity of over 124,000 cubic feet per minute at intake conditions, or

(2) an overall compression ratio of over 3 to 1 coupled with a capacity of over 35,300 cubic feet per minute at intake conditions.

Compressors, blowers and fans capable of handling a mass flow of over 2,500 pounds per minute and designed for operating with intake above normal atmospheric density.

Compressors, not elsewhere specified in this Schedule to the Order, of 300 h.p. or more capable of delivering air, gases or vapours at pressures exceeding 450 pounds per square inch gauge.":

delete the item "Dies, diamond (whether mounted or not) and tools and tool parts of which the cutting edge is tipped with diamond.", and substitute therefor:—

"Diamond dies and diamond tools, the following:—

Diamond wire drawing dies (mounted or unmounted).

Diamond tools of the kinds used for dressing and truing abrasive wheels.

Diamond boring and turning tools of the kinds used in machine operations.

Diamond core bits and diamond drill bits of the kinds used for mining and well drilling.":

delete the item relating to dynamic balancing machines.:

delete the heading relating to freeze-drying equipment or plant and the item thereunder.:

delete the item relating to heat exchangers (tubular).:

delete the item relating to heater return bends.:

delete the item relating to machinery and plant for the treatment of water.:

delete the heading relating to machines, metal working, and the items thereunder, and substitute therefor:—

"Machines, metal working (other than those specified elsewhere in this Group or in Group 17 of this Schedule to the Order), the following:—

Boring and turning mills, vertical, the following:—

Automatic cycle types.

Other kinds with table diameter 72 inches and over.

Combination horizontal spindle boring, drilling and milling machines, all types.

Fine boring machines.

Jig boring machines.

Surface broaching machines.

Deep hole drilling machines.

Forging hammers, the following:—

Gravity hammers having a falling weight of 3 tons and over.

Steam, air or mechanical hammers of rated size 2½ tons and over.

Forging machines, the following:—

Forging machines capable of operating on bar stock exceeding 3·5 inches in diameter.

Roll forging machines.

Gear cutting machines.

Grinding machines, the following:—

Automatic oscillating race track grinding machines.

Broach grinding machines.

Camshaft, crankshaft and crankpin grinding machines and combined camshaft, crankpin and crankshaft grinding machines.

Centreless external grinding machines.

Centreless internal grinding machines.

Contour profile grinders.

Gear grinding machines.

Internal grinding machines.

Jig grinding machines.

Roll grinding machines.

Surface grinding machines.

Thread grinding machines.

Universal grinding machines.

Honing machines, multi-station.

Lathes, the following:—

Axle turning lathes.

Centre lathes exceeding 18 inches centre height and exceeding 18 feet between centres.

Combination tube boring and turning lathes.

Combination lathe, drilling and milling machines.

Multi-spindle automatic lathes.

Right angle T lathes.

Spinning lathes designed for use with or equipped with spindle drive motor exceeding 10 h.p.

Turret lathes of 4 inches bar capacity and over or swing-over-bed of 24 inches or over.

Milling and planing machines, the following:—

Armour plate planing machines.

Manufacturing milling machines with full automatic cycle to table.

Milling machines having a travelling head or heads, capable of milling aircraft spars.

Planing machines, plano milling machines, combination planing and milling machines with capacity for workpieces 4 feet wide or over or 15 feet long or over.

Thread milling machines, 6 inches thread diameter and over.

Presses, hydraulic and mechanical, of an effective operating pressure of 500 tons or over.

Profiling, copying or duplicating machines, all types.

Shaping machines, the following:—

Hydraulic shaping machines.

Traversing head shaping machines.

Wire and tubing machines, the following:—

Machines for drawing, tempering or drawing and tempering wire or tubing ·026 inches in diameter or less.":

under the heading " Machines of a kind specially designed for the manufacture of coaxial cables.", delete the item:—

" (*b*) Machines of the kind used for applying metal strip or sheet to form the outer conductor of coaxial electric cables.":

delete the heading relating to machine tool parts and accessories and the items thereunder, and substitute therefor:—

" Machine tool parts and accessories, of the following descriptions:—

Accessories for attachment to metal working machine tools, designed to render such machine tools capable of the automatic reproduction or duplication of a model, template or pattern, other than taper turning attachments.

High frequency spindles and assemblies thereof for internal grinding machines.

Jigs and fixtures and other metal working accessories of the kinds exclusively designed for use in the manufacture of ammunition, firearms, ordnance and other stores and appliances for land, sea or aerial warfare.":

delete the item relating to marine boilers.:

delete the heading relating to metal cutting and working tools for machine operations, and the items thereunder, and substitute therefor:—

" Metal cutting and working tools, not incorporating diamonds, for machine operations, the following:—

Broaching.

Tools, and dies, and parts thereof, made of, or tipped with, cemented or sintered metallic carbides (hard metals).

Gear cutting.

Forming roll sets for forging operations.

Deep hole drills (other than small arms deep hole drills specified in Group 17 of this Schedule to the Order) of the type in which a hardened steel or hard metal cutting piece is fixed into a tubular shank.":

delete the item " Plant of a kind used for the automatic continuous electrolytic tinning of steel strip.":

delete the heading relating to rubber and plastics working machinery and the items thereunder.:

delete the item relating to spinning jets (spinnerets).

In Group 8, delete the heading relating to unvulcanised compounded mixtures of rubber and the item thereunder.:

under the heading relating to manufactures wholly or partly of balata, gutta-percha, rubber or synthetic rubber, delete the item " Outer covers of a nominal cross-section of 6 inches or more and inner tubes for use therewith." and substitute therefor:—

" Outer covers of a nominal cross-section of 6 inches or more.".

In Group 11, delete the heading relating to compression ignition (Diesel) engines, and the items thereunder and substitute therefor:—

"Compression ignition (Diesel) engines of the following descriptions:—

Capable of developing 50 B.H.P. and over and having a non-magnetic content exceeding 50 per cent. of their total weight.

Capable of developing 300 B.H.P. to 800 B.H.P. and speeds of 600 R.P.M. and over.

Capable of developing 800 B.H.P. to 1500 B.H.P. and speeds of 400 R.P.M. and over.

Capable of developing 1500 B.H.P. and over.":

delete the heading relating to internal combustion (carburettor type) engines, and the items thereunder.:

delete the item relating to marine propellers.:

delete the heading relating to mechanically propelled road vehicles and chassis, and the items thereunder, and substitute therefor:—

"Mechanically propelled road vehicles or chassis in which motive power may be applied to one or more front axles and one or more rear axles (other than tractors not specified elsewhere in this Group, and vehicles or chassis falling within Group 17 of this Schedule to the Order), and the following specialised components thereof:—

Front axles designed for power transmission and parts thereof.

Propeller shafts.

Transfer boxes and parts thereof.":

after the item relating to rail locomotives, insert the item:—

"Soil compactors, vibrating type, of the kinds having pneumatic tyred wheels, and of a net vehicle weight of 30,000 pounds and over.":

delete the heading relating to tractors, and the items thereunder, and substitute therefor:—

"Tractors of the following descriptions:—

Tractors, track laying, of a weight exceeding 25 cwts.

Tractors, wheeled (including automotive units of trailers and semi-trailers), powered with engines capable of developing 100 B.H.P. or more, in which power may be applied to two or more axles, and the following specialised components thereof:—

Front axles designed for power transmission, and parts thereof, including propeller shafts, transfer boxes and parts thereof.":

delete the heading relating to turbines, and the items thereunder, and substitute therefor:—

"Turbines, all types, of 2,000 B.H.P. and over, and the following parts thereof:—

Turbine wheels.

Blading for turbines.".

In Group 12 (1), delete all the items thereunder, and substitute therefor:—

"Amplifiers, not elsewhere specified, the following:—

Amplifiers designed to operate at frequencies in excess of 100 megacycles per second.

Amplifiers, tuned, having a bandwidth (defined as the band of frequencies over which the power amplification does not drop to less than one-half of its maximum value) which exceeds 5 megacycles per second or 10 per cent. of the mean frequency, whichever is less. (The mean frequency is defined as the arithmetic mean of the frequencies at which the power amplification is one-half of its maximum value.)

Amplifiers, untuned, having a bandwidth, as defined above, which exceeds 5 megacycles per second.

Amplifiers, direct-current, having a noise level (referred to the input circuit) of 10^{-16} watts or less or a zero drift in 1 hour corresponding to a change in input of 10^{-16} watts or less.

Amplifiers capable of a total power output greater than 500 watts at any frequency or frequencies between 15 kilocycles per second and 200 kilocycles per second.

Apparatus designed to jam or otherwise interfere with radio reception; and specialised parts of such apparatus.

Apparatus of a kind used for detecting or locating objects under water by magnetic or acoustic or ultrasonic methods; and specialised components of such apparatus; but not including marine depth-sounders of a kind used solely for measuring the depth of water or the distance of submerged objects vertically below the apparatus.

Balances, electronic, capable of detecting differences in weight smaller than 10 microgrammes; and specialised parts of such balances.

Cameras, not elsewhere specified in this Schedule to the Order, the following:—

High speed cinematograph cameras, capable of recording at rates in excess of 250 frames per second.

Capacitors of the following descriptions:—

Fixed capacitors having a capacitance in excess of 0·5 microfarads and having a direct-current working voltage greater than 1,000 volts.

Fixed or variable capacitors, with a rated accuracy better than ±1 per cent. at 1 megacycle per second or any higher frequency.

Radio-frequency capacitors, either fixed or variable, of a rating of over 5 amperes at 1,000 kilocycles per second.

Vacuum and gas capacitors of all kinds.

Carrier frequency telephone terminal equipment and carrier frequency intermediate repeater or amplifier equipment mounted in, or designed for mounting and operation in, portable units, and specialised components and sub-assemblies thereof.

Cathode-ray oscilloscopes and specialised parts and accessories therefor, the following:—

(*a*) Cathode-ray oscilloscopes of the kinds having any of the following characteristics:—

(i) incorporating amplifiers with a bandwidth (defined as the band of frequencies over which the power amplification does not drop to less than one-half of its maximum value) greater than 5 megacycles.

(ii) a time base shorter than 0·05 microseconds per centimetre.

(iii) incorporating, or designed to use, cathode-ray tubes with more than one electron gun.

(iv) incorporating three or more cathode-ray tubes.

(v) employing accelerating potentials in excess of 5,000 volts.

(*b*) Amplifiers of the kinds which are specialised accessories or sub-assemblies of the cathode-ray oscilloscopes specified in (*a*) (i) above.

(*c*) Cathode-ray oscilloscope cameras.

Communication equipment specially designed for use in aircraft or for communicating with aircraft; and specialised parts therefor.

Communication equipment of a kind using infra-red radiation or ultrasonic waves; and specialised parts therefor.

Computors, electronic, other than office calculating machines.

Crystal diodes incorporating germanium or silicon; and crystal triodes; and specialised parts of such items.

Electric-impulse generators of a kind used for providing recurring impulses of peak power exceeding 10 kilowatts; and pulse-transformers and pulse-forming equipment being specialised parts of such apparatus.

Electromagnetic waveguides, resonant structures and radiators of a kind used at frequencies exceeding 600 megacycles per second; and articles or equipment incorporating or specially designed to be connected to or incorporated in any such item.

Electronic and precision instruments and apparatus, not elsewhere specified in this Schedule to the Order, the following:—

Apparatus designed for measuring impedance, admittance, capacitance or inductance at a frequency of 100 megacycles per second or more.

Decade attenuators giving readings, accurate to better than ±5 per cent. of the indicated value expressed in decibels, at frequencies of 1 megacycle per second or above.

Apparatus designed for measuring permittivity or power factor of dielectrics at frequencies of 1 megacycle per second or above.

Radio-frequency field strength measuring apparatus.

Frequency measuring apparatus of the kinds having an accuracy better than ±0·01 per cent. at frequencies over 30 kilocycles per second.

Electronic stabilised power supplies of the kinds capable of delivering a DC output voltage which—

(*a*) varies by less than 1 per cent. of any input voltage variation within ±20 per cent. of the nominal, or

(*b*) varies by less than 0·1 per cent. of the maximum rated voltage between no load and maximum rated load.

Electronic and precision instruments designed for use at frequencies exceeding 300 megacycles per second.

Electronic vacuum tubes or valves of the following descriptions:—

Cathode-ray tubes with a screen afterglow exceeding one-half second or with writing speeds of more than 3,000 kilometres per second, or with two or more electron guns.

Hot cathode gas-filled tubes and mercury pool cathode tubes (thyratrons and ignitrons) rated for continuous operation with peak current exceeding 100 amperes and peak voltage exceeding 9,000 volts at a pulse repetition frequency of 200 or more pulses per second.

Hydrogen thyratron tubes of any rating.

Indirectly heated valves of a kind that can be passed through a circular hole ¼ inch in diameter.

Television camera tubes and other tubes of all kinds in which provision is made for the storage of electric charge in a spatial pattern.

Valves designed to withstand accelerations greater than 450 *g*.

Valves of a kind capable of continuous plate (anode) dissipation of 150 watts or over.

Valves of a kind specially designed for use at frequencies of more than 250 megacycles per second.

Valves whose output-input ratio at 300 megacycles per second is 50 per cent. or more of the output-input ratio at 20 megacycles per second when measured under the same operating voltages and load impedance.

Inductors, fixed or variable, with a rated accuracy better than ±1 per cent. at 1 megacycle per second or any higher frequency.

Magnetic recorders or reproducers (other than those designed for voice or music); and specialised recording media, parts and components for such recorders or reproducers.

Measuring and counting apparatus, not elsewhere specified in this Schedule to the Order, the following:—

Apparatus capable of measuring time intervals of one second or less, with an error not exceeding 2 per cent. of the interval measured or an error of 20 microseconds, whichever is the greater.

Apparatus capable of counting at over 50,000 counts per second.

Micro-flash apparatus capable of giving a flash of 1/100,000 second or shorter duration, or with a frequency of 200 flashes or more per second.

Microscopes, electron, and parts thereof, the following:—

Electron microscopes.

Electron guns and electron objective, projection and condenser lenses (magnetic or electrostatic).

Photo-electric cells, the following:—

Photo-electric cells with a peak sensitivity at a wavelength longer than 12,000 Angstrom units.

Photo-conductive cells or photo-transistors with a response time constant of 1 millisecond or less measured at the temperature at which the time constant is minimum.

Photo-multiplier tubes, other than those specified in Group 15 of this Schedule to the Order; and specialised parts thereof.

Piezo-electric quartz crystals, plates, bars and rods, worked or unworked, mounted or unmounted.

Radio receivers, panoramic, being receivers which search automatically part of the radio-frequency spectrum and indicate visibly the signals received; and specialised parts of such receivers.

Radio relay communications equipment; and specialised components and sub-assemblies therefor.

Radio spectrum analysers (being apparatus capable of indicating the single-frequency components of multi-frequency oscillations); and specialised parts of such analysers.

Radio transmitters, and transmitter amplifiers, designed to operate at frequencies of 30 megacycles per second or more; and specialised components, sub-assemblies and power supplies therefor; but excluding (i) commercial broadcast AM, FM, and TV transmitters, operating at less than 250 megacycles per second and designed for fixed permanent installation, and (ii) commercial single speech-channel land mobile communication equipment operating at less than 180 megacycles per second.

Radiolocation apparatus (including direction finders, radar and radio-navigation equipment) and infra-red location apparatus; and specialised parts and accessories of such apparatus; and specialised equipment for testing or calibrating such apparatus; but not including radio direction-finders of a kind used at frequencies not greater than 3 megacycles per second.

Resistors, fixed or variable, with a rated accuracy better than ± 1 per cent. at 1 megacycle per second or any higher frequency.

Resistors, temperature-sensitive, of a kind used in bolometers or in the measurement of electric power below 10 milliwatts; but not including electric lamps.

Telecontrol equipment suitable for controlling pilotless aircraft or guided weapons; and specialised parts of such equipment.

Telegraph apparatus, the following:—

Apparatus designed for the transmission or reception of messages at a speed exceeding 200 words per minute or 150 bauds, whichever is the lesser; and specialised component parts and accessories of such apparatus.

Telemetering equipment incorporating or designed to incorporate electronic valves.

Transistors of all kinds; and specialised parts therefor.

Valve voltmeters of the following descriptions:—

Direct-current voltmeters with full-scale range of 1 millivolt or less.

Alternating-current voltmeters with full-scale range of 10 microvolts or less.

Voice-frequency telegraph terminal equipment, the following:—

(*a*) Apparatus of a kind used for converting the output from telegraph sending instruments to audio frequencies for transmission over electric circuits.

(*b*) Apparatus of a kind used for converting incoming telegraph signal on an audio frequency basis into a form suitable for, and distribution to, telegraph receiving instruments.

(*c*) Channel filters and specialised parts thereof; and specialised parts and sub-assemblies specially designed for incorporation in voice-frequency telegraph terminal equipment of the kinds specified in (*a*) and (*b*) above.".

In Group 12 (2), before the item relating to balloons, insert the item:—

"Apparatus for automatically sorting electronic components in respect of their electrical characteristics.":

delete the item relating to balloons, sounding, and substitute therefor:—

"Balloons, 1,100 grammes (2·425 lbs.) or more envelope weight deflated, designed for free flight.":

after the item relating to balloons, insert the item:—

"Compasses and gyroscopic apparatus, the following:—

Gyro-compasses, transmitting magnetic compasses, gyro-magnetic compasses, and repeaters for any of the foregoing.

Gyroscopic stabilisers.

Gyroscopic steering controls.":

delete the item relating to densitometers.:

delete the item relating to dynamometers.:

delete the heading relating to electrical machinery, and the items thereunder, and substitute therefor:—

"Electrical machinery of the following descriptions:—

Generators, generating sets and synchronous condensers of a maximum continuous rating of 5,000 kilowatts and over, and the following parts thereof:—

Stators.

Rotors.

Motors of 500 B.H.P. and over, one hour rating.

Starting and controlling gear for electric motors, the following:—

Automatic and semi-automatic apparatus for the starting, stopping, reversing and speed control of motors of 5,000 B.H.P. and over, one hour rating.":

delete the item relating to electrostatic precipitators.:

delete the heading relating to furnaces, industrial, metallurgical and chemical, and the items thereunder.:

delete the item relating to leak detecting instruments.:

delete the item relating to marine gyro-compasses and repeaters.:

delete the item relating to micro-balances.:

delete the item "Micro-hardness testers.":

delete the heading relating to mineral separation plant, and the item thereunder.:

after the item "Instrument mechanism jewels.", insert the item:—

"Optical curve generators (grinders, surfacers and polishers) and component parts thereof, capable of producing aspherical curves.":

delete the item "pH meters, direct reading type." and substitute therefor:—

"pH apparatus, continuous measuring, of the following types, whether separate or as components of other pH apparatus:—

Electrode assemblies of the flow or immersion type which include a resistance thermometer element and a glass electrode of 250 megohms or higher at 25°C.

Amplifiers which include automatic temperature compensation as a function of the amplifier and are capable of operating on an input of 10^{-12} amperes.":

delete the heading relating to pyrometers and the items thereunder.:

delete the heading relating to spectrographs, spectrophotometers, spectrometers and monochromators, and the items thereunder, and substitute therefor:—

"Spectrographs, spectrophotometers, spectrometers and monochromators and associated measuring apparatus of the following descriptions:—

Grating types with or designed for use with diffraction gratings (original or replicas, plane or concave) and gratings therefor.

Prism types designed for use with prisms of which the length of any side of the base is 35 millimetres or more.

Prism types designed for use with prisms giving a spectrum of 20 centimetres or more in length between 2,000 Angstrom units and 9,000 Angstrom units.

Infra-red types, having an effective total prism base length of over 2 inches (5 centimetres).

Recording or controlling densitometers or other specialised equipment for the quantitative assessment of spectrographic records,

except:—

Instruments limited to the use of replica plane grating not exceeding 1 inch in ruled width, and spares therefor.

Instruments of the circle type incapable of direct measuring to less than 5 sec. of arc.":

delete the item relating to strain gauging equipment.:

delete the item relating to Warburg apparatus.:

delete the item relating to X-ray apparatus, and the items thereunder, and substitute therefor:—

" X-ray and electron diffraction apparatus, the following:—

X-ray tubes having more than one window.

X-ray diffraction units, and component parts thereof, incorporating or designed for use with the above tubes.

Powder cameras of the kinds having an heating element for temperatures of 500° C. (932° F.) or over.

Single crystal oscillating and rotating X-ray goniometers of the kinds having X-ray film or plate holders.

Electron diffraction units and specialised components therefor.".

In Group 13 (1), delete the items:—

" Aletris root.
Aluminium chloride, anhydrous.
Angostura bark.
Araroba.
Balm of Gilead buds.
Bayberry bark.
Bismuth compounds.
Black haw bark.
Bloodroot.":

after the item " Bones, crushed or not, including bone flour, bone grist and bone meal." insert the item:—

" Bromine trifluoride.":

delete the items:—

"Butane and mixtures containing butane.
Calcium permanganate.
Catalysts of metallic nickel deposited on, or immersed in, other material.":

after the item " Chile saltpetre." insert the item:—

" Chlorine trifluoride.":

delete the item:—

" Chlorofluoromethanes.":

delete the item relating to chromium compounds, and substitute therefor:—

" Chromium compounds and preparations wholly or mainly thereof (other than barium chromate; lead chrome and zinc chrome pigments; and lacquers, paints, paste paints and painters' enamels).":

delete the item " Cimicifuga.":

delete the item relating to cobalt compounds, and substitute therefor:—

" Cobalt compounds (other than paint driers, cobalt organic artificial colouring matters and other paint pigments).":

delete the items:—

" Cocillana bark.
Compounds of cerium and the other rare earth metals and mixtures thereof.
Condurango.
Cotton root bark.":

after the item relating to cobalt compounds, insert the item:—

" Cumene (isopropylbenzene).":

delete the items:—

" Damiana leaves.
Deer's tongue leaves.

p:p'-Diaminodiphenylmethane.
1:2-Dibromoethane.":

after the item "Cumene (isopropylbenzene)." insert the items:—
"Dichlorodifluoromethane.
Dichloromonofluoromethane.
Dichlorotetrafluoroethane.":

delete the items:—
"Dichlorostyrene.
N,N-Dimethylaniline.
Echinacea root.
Euonymus.
Gelsemium root.":

delete the item relating to glycols, esters, ethers and ether esters, and substitute therefor:—
"Glycols and their derivatives as follows:—
(*a*) Ethylene glycol.
Propylene glycol.
Mixtures consisting mainly of one or more of the above.
(*b*) Thiodiglycol and mixtures consisting mainly thereof.":

delete the items:—
"Grindelia.
Hamamelis bark.
Hamamelis leaves.
Hydrastis.":

delete the item relating to hydrogen peroxide and substitute therefor:—
"Hydrogen peroxide containing by weight 50 per cent. or more of hydrogen peroxide.":

delete the items:—
"Hydroquinone.
Indium compounds.
Ipomoea.
Jalap, Mexican.
Kava Kava.
Leptandra.
Lithium compounds.
Lobelia.
Mandrake peltatum.
Matico leaves.
Methyl isobutylketone.":

delete the item "Molybdenum compounds." and substitute therefor:—
"Molybdenum compounds containing by weight more than 35 per cent. of molybdenum (other than molybdenum organic artificial colouring matters containing by weight less than 50 per cent. of molybdenum).":

delete the item "Monochlorobenzene.":

after the item relating to molybdenum compounds, insert the items:—
"Monochlorodifluoromethane.
Monochlorotrifluoromethane.
Monomethylaniline.":

after the item "Nitric acid.", insert the item:—
"2-Nitro-diphenylamine.":

delete the items:—
"Passion flower herb.
Phenoxyethyl-dimethyl-dodecyl-ammonium-bromide.
Phenyl-α-Naphthylamine.
Phenyl-β-Naphthylamine.
Phosphorus.
Pleurisy root.

Poke root.
Polyisobutylene.
Potassium nitrate.
Potassium permanganate.
Prickly ash bark.":

delete the heading relating to radio-active substances and the items thereunder, and substitute therefor:—

"Radio-active substances and mixtures containing such substances, of the following descriptions:—
Thorium and its compounds.
Uranium and its compounds.":

delete the items:—

"Rhus aromatic.
Sabadilla seeds.
Sassafras bark.
Saw Palmetto berries.
Scullcap herb.
Serpentaria.
Silver compounds.
Simaruba.
Slippery elm bark.
Sodium cyanide of a purity of not less than 95 per cent
Sodium metallic.
Stillingia root.
Stone root.
Strontium compounds.
Styrene.
Sulphuric acid, including fuming sulphuric acid.
Synthetic organic chemicals of the following descriptions, of the kinds used as flotation reagents:—
Acetates of amines derived from fatty acids of natural origin whether hydrogenated or not;
Acetates of dodecylamine and its higher homologues, and mixtures thereof;
Dialkyl and diaryl dithiophosphoric acids and their salts;
Potassium alkyl xanthates;
Quaternary trimethylammonium chloride from amines prepared from soya bean fatty acids;
Sodium alkyl xanthates.
Synthetic organic chemicals and metallic derivatives thereof (not elsewhere specified in this Schedule) of the kinds used as accelerators and anti-oxidants in the compounding of rubber.":

after the item "Tantalum compounds.", insert the item:—

"Tetrafluoroethylene.":

delete the items:—

"Thallium bromoiodide.
o-Tolyl-*β*-Naphthylamine.":

after the item "Toluene and toluole.", insert the items:—

"Trichlorodifluoroethane.
Trichloromonofluoromethane.
Trichlorotrifluoroethane.":

delete the items:—

"Tungsten compounds and mixtures or preparations containing tungsten compounds, but not including lacquers, paints, paste paints and painters' enamels.
Vanadium compounds.
White pine bark.
Wild cherry bark.
Yerba santa.".

In Group 15, delete the item relating to centrifuges and substitute therefor:—

"Centrifuges and centrifuge bowls, the following:—

Centrifuges with peripheral speed of 1,000 feet (305 metres) per second or more, wholly made of or lined with aluminium, nickel or alloy containing by weight 60 per cent. or more nickel.

Centrifuge bowls made of aluminium, nickel or alloy containing by weight 60 per cent. or more nickel.":

after the item "Coincidence units for use with Geiger-Müller or proportional counters.", insert the item:—

"Compressors and blowers (turbo, centrifugal and axial flow types), wholly made of, or lined with, aluminium, nickel or alloy containing by weight 60 per cent. or more nickel.":

after the item "Geiger-Müller counter tubes and proportional counters.", insert the item:—

"Heat exchangers (tubular) and components therefor (other than aluminium tubing) designed to operate at pressures of 300 pounds per square inch and above and with flow contact surfaces made of any of the following materials:—

Aluminium.
Nickel.
Alloys containing by weight 60 per cent. or more nickel.
Titanium.
Zirconium.":

after the item relating to magnets, insert the item:—

"Micro-balances of a sensitivity of 0·1 micrograms or better.":

delete the item relating to photomultiplier tubes, and substitute therefor:—

"Photomultiplier tubes having photocathode sensitivity of 10 or more microamperes per lumen, and an average amplification greater than 105; and any electron multiplier unit activated by positive ions.":

delete the item relating to pumps, vacuum diffusion, and substitute therefor:—

"Pumps, vacuum diffusion, of which the diameter measured inside the barrel at the inlet jet is 12 inches or more, or which are capable of a pumping speed in excess of 1,500 litres per second at a pressure of less than 0·001 millimetre of mercury.":

delete the item relating to pumps, vacuum mechanical type.:

delete the item relating to resistors, and substitute therefor:—

"Resistors of resistance not less than 1,000 megohms.":

after the item "Scintillation counters.", insert the item:—

"Scintillation counter phosphors, the following:—

Single crystals and scintillation phosphors of the kinds used in radiation detection instruments, of volume greater than 1 cubic inch (16 cubic centimetres).":

delete the item relating to valves, electrometer, and substitute therefor:—

"Valves, electrometer, designed to handle input currents less than 1 micro-microampere.".

In Group 17, under the heading relating to machinery and machine tools, after the item "Gun rifling machines,", insert the items:—

"Machines and apparatus specially designed for making or measuring gas turbine blades.

Machines specially designed for the working or forming of aircraft sheet, aircraft plate or aircraft extrusions.".

In Group 18, delete the item "Articles containing more than 25 per cent. by weight of silver.":

delete the item relating to diamonds of all kinds, and substitute therefor:—

"Diamonds of all kinds, diamond powder, and articles mounted or set with diamonds other than dies, tools and tool parts.".

SECOND SCHEDULE

In the Second Schedule, delete the item "Baking powder.":

delete the item relating to biscuits for human consumption.:

delete the item relating to breakfast cereals.:

delete the item relating to canned vegetables.:

delete the heading relating to cocoa preparations and the items thereunder.:

delete the item relating to colouring matter and flavouring essences.:

delete the item "Diabetic bread.":

delete the item "Fish paste.":

delete the item relating to flour confectionery.:

delete the item relating to fountain pens, and substitute therefor:—

"Fountain pens and similar writing instruments which contain gold only in the form of nibs, bands, bars or clips.":

delete the item "Gravy-making preparations.":

delete the item "Hydrolised proteins.":

under the heading relating to iron and steel, delete the following items:—

"Electrical laminations (other than those of alloys containing more than 20 per cent. by weight of nickel).
Guttering and fittings therefor.
Pipes and tubes of cast iron.
Rainwater and soil pipes and fittings therefor.
Wire, expanding curtain.":

delete the item "Jellies, fruit.":

delete the item "Jellies, table, sweetened and flavoured.":

delete the item "Lemon-curd (lemon cheese) and similar preparations made from other fruit.":

delete the item "Margarine and butter substitutes.":

delete the item relating to meat products.:

delete the item relating to mincemeat.:

delete the item "Mustard, including mustard seed.", and substitute therefor:—

"Mustard seed.":

delete the item "Pickles, sauces and chutneys.":

after the item relating to pickles, insert the item:—

"Pig iron other than basic.":

delete the item "Preparations of a kind used as, or in the making of, infant foods, invalid foods and other food beverages.":

delete the item "Salad cream and mayonnaise.":

delete the item "Soups, powdered or canned.":

delete the item "Sugar confectionery.".

THIRD SCHEDULE

In Group 4, under the heading "Abrasives of the following descriptions:—", delete the items:—

"Boron carbide.
Corundum, natural.":

delete the heading "Abrasive manufactures of the following descriptions:—" and the items thereunder, and substitute therefor:—

"Abrasive manufactures of the following descriptions:—
Grinding wheels, lapping wheels, polishing wheels and other abrasive articles consisting of diamond abrasive bonded together with other material.
Grinding or polishing compositions containing diamond abrasive.".

In Group 5, delete the item relating to carbon.:

delete the item "Celestite (celestine) and strontianite.":

delete the item relating to graphite.:

delete the item "Graphite, natural or artificial, scrap.":

delete the item relating to mica.:

delete the heading "Plastic materials," and the items thereunder, and substitute therefor:—

"Plastic materials:—

(1) Plastic materials in the form of blocks, containers, granules, liquid polymers, powders, rods, sheets, strips, tubes or pipes, the following:—

Polyethylene.
Polytetrafluoroethylene.
Polytrifluorochloroethylene.

(2) Polymethyl-methacrylates in the form of clear sheet or sheeting, whether or not laminated, of not less than ¼ inch thickness.":

delete the heading relating to siloxanes and the items thereunder, and substitute therefor:—

"Siloxanes, whether polymerised or not, and preparations thereof, of the following descriptions:—

Silicone fluids.
Silicone high vacuum grease.
Silicone rubber.
Silicone stopcock grease.".

In Group 6 (1), delete the item relating to aluminium and alloys, and substitute therefor:—

"Aluminium alloys containing by weight 45 per cent. or more of aluminium and one or more of the following constituents in the proportions stated:—

(*a*) 1 per cent. or more by weight of copper;
(*b*) 4 per cent. or more by weight of zinc;
(*c*) 3·5 per cent. or more by weight of silicon;
(*d*) 9·5 per cent. or more by weight of magnesium,

in the following forms:—

Angles, castings, circles, channels, foil and leaf in all forms (whether or not backed with other material), forgings, impact extrusions, pipes, plates, powder, pressings, rods (including welding rods and welding electrodes), sections, shapes, sheets, stampings, strip, tubes, wire (single or stranded, whether covered or not, other than steel cored wire).":

delete the heading relating to ferro-alloys and the items thereunder, and substitute therefor:—

"Ferro-alloys, whether briquetted or not, the following:—

Ferro-aluminium.
Ferro-cobalt.
Ferro-copper.
Ferro-chromium containing by weight 0·03 per cent. or less of carbon.
Ferro-columbium (niobium).
Ferro-columbium (niobium)-tantalum.
Ferro-silico-tantalum.
Ferro-tantalum.
Ferro-tantalum-columbium (niobium).
Ferro-zirconium.":

delete the heading "Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, in the following forms excluding used goods:—", and the items thereunder, and substitute therefor:—

"Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, in the following forms excluding used goods:—

Rails of all kinds weighing 70 lb. and over per linear yard or 35 kilogrammes per metre.

Rail locomotive tyres, wheels, wheel centres and axles.

Wire rope, strand and cord, to British Standards Specifications W. 10 and W. 11.":

delete the heading "Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, and one or more of the following constituents in the proportions stated:—", and the items thereunder, and substitute therefor:—

"Iron, steel and alloys of iron or steel, being iron, steel and alloys containing by weight more than 55 per cent. of iron, and one or more of the following constituents in the proportions stated:—

(*a*) 6 per cent. or more by weight of molybdenum;

(*b*) 3 per cent. or more by weight of molybdenum together with more than 14 per cent. by weight of chromium;

(*c*) 6 per cent. or more by weight of cobalt;

(*d*) 0·25 per cent. or more by weight of columbium (niobium) or tantalum;

(*e*) 3·25 per cent. or more by weight of silicon;

(*f*) 35 per cent. or more by weight of nickel;

(*g*) 35 per cent. or more by weight of alloying elements (other than iron) one of which is nickel,

in any of the following forms:—

Angles, channels, tees and other sectional material (whether fabricated or not) but not including machinery parts.

Bar and rod ends, crop ends, plate and sheet cuttings and ingot discards of all kinds.

Bars and rods, including hollow mining drill steel.

Billets, blooms and slabs.

Castings and forgings (including drop forgings) in the rough or machined, but not including machinery parts.

Hoop and strip, whether coated or not.

Ingots.

Pipes and tubes.

Plates, including plate work unassembled.

Sheet bars.

Sheets including sheet work unassembled, whether coated or not.

Tool-bits and tool-bit blanks.

Tube rounds, squares and hollows.

Welding electrodes and welding rods.

Wire, including stranded wire, wire cable and rope, whether insulated or not.

Wire rods.":

delete the heading relating to metals and alloys and the items thereunder, and substitute therefor:—

"Metals and alloys (wrought or unwrought, whether or not coated, plated, drilled or punched), other than alloys containing by weight more than 55 per cent. of iron, in the form of amalgams, angles, anodes, bars (including wire bars), billets, blocks, blooms, cakes, cathodes, circles, cubes, discs, dust, flakes, grain, granules, ingots, leaf and foil in all forms (whether or not backed with other material), liquid, lumps, pellets, pigs, pipes and tubes, plates, powder, ribbon, rings, rods, rondels, sections (but not including machinery parts), shapes, shavings, sheets, shot, slabs, sponge, sticks, strip and wire (bare, whether stranded or not, including cables, ropes and spirals) of the following descriptions:—

Bismuth.

Columbium (niobium).

Tantalum.

Titanium.

Zirconium.

Alloys containing by weight 20 per cent. or more of bismuth, or 50 per cent. or more of columbium (niobium), but not containing any of the other alloy constituents specified in Group 6 (1) of the First Schedule to the Order, under the sub-heading commencing "Alloys containing one or more of the following constituents in the proportions stated".":

delete the heading relating to ores and concentrates and the item thereunder.:

delete the heading relating to platinum and alloys containing platinum and the items thereunder.:

after the item "Molybdenum carbides, cemented or sintered.", insert the item:—

"Tungsten and tungsten alloy wire and filament, whether or not coated or covered.".

In Group 6 (3), delete the preface and all the items thereunder, and substitute therefor:—

"Co-axial type cables, the following:—

(*a*) having an attenuation not exceeding 10 decibels per 100 feet, and a standing wave ratio of 2 or less, when terminated in their characteristic impedance at 3,000 megacycles, including air-spaced cable with a continuous helical dielectric separator, except air-spaced disc-separated cable.

(*b*) insulated with polytetrafluoroethylene or polytrifluorochloroethylene.

Cocks and pipe valves, having all flow contact parts made of, or lined with, any of the following materials:—

(*a*) Metals and alloys containing:—

(i) 90 per cent. or more by weight, separately or combined, of tantalum, titanium or zirconium;

(ii) 50 per cent. or more by weight, separately or combined, of cobalt or molybdenum;

(iii) 10 per cent. or more by weight, separately or combined, of chromium or nickel;

(iv) 10 per cent. or more by weight of silicon,

(*b*) Polytetrafluoroethylene or polytrifluorochloroethylene,

but excluding valves of the following types:—

Check, non-return and float valves;

Pressure relief valves designed for working pressures of less than 450 p.s.i. (32 kilogrammes per square centimetre).

Pipe and tubing (metal) lined with polytetrafluoroethylene or polytrifluorochloroethylene.

Pumps (other than vacuum pumps) capable of delivering liquids separately or in combination with solids, gases, or solids and gases, and possessing any of the following characteristics:—

(1) designed to move molten metals by electro-magnetic forces.

(2) designed to produce pressures of 450 p.s.i. (32 kilogrammes per square centimetre) or more and having an inlet connection greater than 3 inches (75 millimetres) internal pipe size.

(3) having all flow contact parts made of, or lined with, any of the following materials:—

(*a*) Metals and alloys containing:—

(i) 90 per cent. or more by weight, separately or combined, of tantalum, titanium or zirconium;

(ii) 50 per cent. or more by weight, separately or combined, of cobalt or molybdenum;

(iii) 10 per cent. or more by weight, separately or combined, of chromium or nickel;

(iv) 10 per cent. or more by weight of silicon.

(*b*) Polytetrafluoroethylene or polytrifluorochloroethylene.

Vacuum pumps, other than such pumps specified in Group 15 of the First Schedule to the Order, designed to produce a vacuum of 0·1 millimetre of mercury pressure absolute or less, and parts thereof.

Wire and strip, of copper or copper alloys, falling within Group 6 (3) of the First Schedule to the Order, the following:—

Wire, single strand, of a diameter of 0·014 inches (0·35 millimetres) or less, covered or insulated with any material.

Strip, paper covered.".

In Group 6 (4), delete the item relating to air conditioning machines.:

before the item relating to ball and roller bearings, insert the item:—

"Apparatus designed for removing surplus stock from workpieces of metal or other materials—

(*a*) by the discharge of electric sparks from a shaped electrode.

(*b*) by applying ultrasonic vibrations.

(*c*) by electrolytic means in combination with abrasive action.":

delete the item relating to ball and roller bearings, and substitute therefor:—

"Bearings, ball and roller, and parts thereof; and plummer blocks, brackets, hangers and pedestals, incorporating such bearings.":

delete the item relating to bearings, water lubricated, and substitute therefor:—

"Bearings, water lubricated, consisting of a metal housing inset with compounded Nitrile (Acrylonitrile) synthetic rubber, of the kinds used for marine propeller shafts and rudder post bearings.":

after the item relating to bearings, water lubricated, insert the item:—

"Boilers, marine, and feed water heaters, the following:—

Marine steam boilers having a capacity to generate 11 pounds or more of steam per square foot of tubular heating surface per hour at pressures of 450 pounds per square inch (32 kilogrammes per square centimetre) or over, and feed water heaters therefor.":

delete the heading relating to compressors, blowers and fans, and the items thereunder, and substitute therefor:—

"Compressors, blowers and fans (whether incorporated in other machinery or plant or not) of the following descriptions (other than those specified in Group 15 of the First Schedule to the Order), and parts of such compressors, blowers and fans:—

Turbo-compressors, blowers and fans capable of operating with a mainstream internal air flow exceeding a Mach number of 0·9.

Turbo-compressors, blowers and fans of axial flow type with a compression ratio of 2 to 1 or more and capable of operating with a mainstream internal air flow exceeding a Mach number of 0·7.

Compressors, blowers and fans capable of either—

(1) an overall compression ratio of 2 to 1 or more, coupled with a capacity of over 124,000 cubic feet per minute at intake conditions, or

(2) an overall compression ratio of over 3 to 1 coupled with a capacity of over 35,300 cubic feet per minute at intake conditions.

Compressors, blowers and fans capable of handling a mass flow of over 2,500 pounds per minute and designed for operating with intake above normal atmospheric density.

Compressors, not elsewhere specified in the First Schedule to the Order, of 300 h.p. or more, capable of delivering air, gases or vapours at pressures exceeding 450 pounds per square inch gauge.":

delete the item "Dies, diamond (whether mounted or not), and tools and tool parts of which the cutting edge is tipped with diamond.", and substitute therefor:—

"Diamond dies and diamond tools, the following:—

Diamond wire drawing dies (mounted or unmounted).

Diamond tools of the kinds used for dressing and truing abrasive wheels.

Diamond boring and turning tools of the kinds used in machine operations.

Diamond core bits and diamond drill bits of the kind used for mining and well drilling.":

delete the item relating to dynamic balancing machines.:

delete the heading relating to freeze-drying equipment and plant, and the item thereunder.:

delete the item relating to heat exchangers (tubular).:

delete the item relating to heater return bends.:

delete the item relating to machinery and plant for the treatment of water.:

delete the heading relating to machines, metal working, and the items thereunder, and substitute therefor:—

" Machines, metal working (other than those specified elsewhere in this Group or in Group 17 of the First Schedule to the Order), the following:—

Boring and turning mills, vertical, the following:—

Automatic cycle types.

Other kinds with table diameter 72 inches and over.

Combination horizontal spindle boring, drilling and milling machines, all types.

Fine boring machines.

Jig boring machines.

Surface broaching machines.

Deep hole drilling machines.

Forging hammers, the following:—

Gravity hammers having a falling weight of 3 tons and over.

Steam, air or mechanical hammers of rated size 2½ tons and over.

Forging machines, the following:—

Forging machines capable of operating on bar stock exceeding 3·5 inches in diameter.

Roll forging machines.

Gear cutting machines.

Grinding machines, the following:—

Automatic oscillating race track grinding machines.

Broach grinding machines.

Camshaft, crankshaft and crankpin grinding machines and combined camshaft, crankpin and crankshaft grinding machines.

Centreless external grinding machines.

Centreless internal grinding machines.

Contour profile grinders.

Gear grinding machines.

Internal grinding machines.

Jig grinding machines.

Roll grinding machines.

Surface grinding machines.

Thread grinding machines.

Universal grinding machines.

Honing machines, multi-station.

Lathes, the following:—

Axle turning lathes.

Centre lathes exceeding 18 inches centre height and exceeding 18 feet between centres.

Combination tube boring and turning lathes.

Combination lathe, drilling and milling machines.

Multi-spindle automatic lathes.

Right angle T lathes.

Spinning lathes designed for use with or equipped with spindle drive motor exceeding 10 h.p.

Turret lathes of 4 inches bar capacity and over or swing-over-bed of 24 inches or over.

Milling and planing machines, the following:—

Armour plate planing machines.

Manufacturing milling machines with full automatic cycle to table.

Milling machines having a travelling head or heads, capable of milling aircraft spars.

Planing machines, plano milling machines, combination planing and milling machines with capacity for workpieces 4 feet wide or over or 15 feet long or over.

Thread milling machines, 6 inches thread diameter and over.

Presses, hydraulic and mechanical, of an effective operating pressure of 500 tons or over.

Profiling, copying or duplicating machines, all types.

Shaping machines, the following:—
Hydraulic shaping machines.
Traversing head shaping machines.
Wire and tubing machines, the following:—
Machines for drawing, tempering or drawing and tempering wire or tubing ·026 inches in diameter or less.":

under the heading "Machines of a kind specially designed for the manufacture of coaxial electric cables.", delete the item:—
"(*b*) Machines of the kind used for applying metal strip or sheet to form the outer conductor of coaxial electric cables.":

delete the heading relating to machine tool parts and accessories and the items thereunder, and substitute therefor:—
"Machine tool parts and accessories, of the following descriptions:—
Accessories for attachment to metal working machine tools, designed to render such machine tools capable of the automatic reproduction or duplication of a model, template or pattern, other than taper turning attachments.
High frequency spindles and assemblies thereof for internal grinding machines.
Jigs and fixtures and other metal working accessories of the kinds exclusively designed for use in the manufacture of ammunition, firearms, ordnance and other stores and appliances for land, sea or aerial warfare.":

delete the item relating to marine boilers.:

delete the heading relating to metal cutting and working tools for machine operations, and the items thereunder, and substitute therefor:—
"Metal cutting and working tools, not incorporating diamonds, for machine operations, the following:—
Broaching.
Tools and dies, and parts thereof, made of, or tipped with, cemented or sintered metallic carbides (hard metals).
Gear cutting.
Forming roll sets for forging operations.
Deep hole drills (other than small arms deep hole drills specified in Group 17 of the First Schedule to the Order) of the type in which a hardened steel or hard metal cutting piece is fixed into a tubular shank.":

delete the item "Plant of a kind used for the automatic continuous electrolytic tinning of steel strip.":

delete the heading relating to rubber and plastics working machinery and the items thereunder.:

delete the item relating to spinning jets (spinnerets).

In Group 8, delete the heading relating to unvulcanised compounded mixtures of rubber and the item thereunder.

In Group 11, delete the heading relating to compression ignition (Diesel) engines, and the items thereunder, and substitute therefor:—
"Compression ignition (Diesel) engines of the following descriptions:—
Capable of developing 50 B.H.P. and over and having a non-magnetic content exceeding 50 per cent. of their total weight.
Capable of developing 300 B.H.P. to 800 B.H.P. and speeds of 600 R.P.M. and over.
Capable of developing 800 B.H.P. to 1500 B.H.P. and speeds of 400 R.P.M. and over.
Capable of developing 1500 B.H.P. and over.":

delete the heading relating to internal combustion (carburettor type) engines and the items thereunder.:

delete the item relating to marine propellers.:

delete the heading relating to mechanically propelled road vehicles and chassis, and the items thereunder, and substitute therefor:—
"Mechanically propelled road vehicles or chassis in which motive power may be applied to one or more front axles and one or more rear axles (other than

tractors not specified elsewhere in this Group, and vehicles or chassis falling within Group 17 of the First Schedule to the Order), and the following specialised components thereof:—

Front axles designed for power transmission and parts thereof.

Propeller shafts.

Transfer boxes and parts thereof.":

after the item relating to rail locomotives, insert the item:—

"Soil compactors, vibrating type, of the kinds having pneumatic tyred wheels, and of a net vehicle weight of 30,000 pounds and over.":

delete the item relating to tractors, wheeled, and substitute therefor:—

"Tractors, wheeled (including automotive units of trailers and semi-trailers), powered with engines capable of developing 100 B.H.P. or more, in which power may be applied to two or more axles, and the following specialised components thereof:—

Front axles designed for power transmission, and parts thereof, including propeller shafts, transfer boxes and parts thereof.":

delete the heading relating to turbines, and the items thereunder, and substitute therefor:—

"Turbines, all types, of 2,000 B.H.P. and over, and the following parts thereof:—

Turbine wheels.

Blading for turbines.".

In Group 12 (1), delete all the items thereunder, and substitute therefor:—

"Amplifiers, not elsewhere specified, the following:—

Amplifiers designed to operate at frequencies in excess of 100 megacycles per second.

Amplifiers, tuned, having a bandwidth (defined as the band of frequencies over which the power amplification does not drop to less than one-half of its maximum value) which exceeds 5 megacycles per second or 10 per cent. of the mean frequency, whichever is less. (The mean frequency is defined as the arithmetic mean of the frequencies at which the power amplification is one-half of its maximum value.)

Amplifiers, untuned, having a bandwidth, as defined above, which exceeds 5 megacycles per second.

Amplifiers, direct-current, having a noise level (referred to the input circuit) of 10^{-16} watts or less, or a zero drift in 1 hour corresponding to a change in input power of 10^{-16} watts or less.

Amplifiers capable of a total power output greater than 500 watts at any frequency or frequencies between 15 kilocycles per second and 200 kilocycles per second.

Apparatus designed to jam or otherwise interfere with radio reception; and specialised parts of such apparatus.

Apparatus of a kind used for detecting or locating objects under water by magnetic or acoustic or ultrasonic methods; and specialised components of such apparatus; but not including marine depth-sounders of a kind used solely for measuring the depth of water or the distance of submerged objects vertically below the apparatus.

Balances, electronic, capable of detecting differences in weight smaller than 10 microgrammes; and specialised parts of such balances.

Cameras, not elsewhere specified in the First Schedule to the Order, the following:—

High speed cinematograph cameras, capable of recording at rates in excess of 250 frames per second.

Capacitors of the following descriptions:—

Fixed capacitors having a capacitance in excess of 0·5 microfarads and having a direct-current working voltage greater than 1,000 volts.

Fixed or variable capacitors, with a rated accuracy better than ± 1 per cent. at 1 megacycle per second or any higher frequency.

Radio frequency capacitors, either fixed or variable, of a rating of over

5 amperes at 1,000 kilocycles per second.

Vacuum and gas capacitors of all kinds.

Carrier frequency telephone terminal equipment and carrier frequency intermediate repeater or amplified equipment mounted in, or designed for mounting and operation in, portable units, and specialised components and sub-assemblies thereof.

Cathode-ray oscilloscopes and specialised parts and accessories therefor, the following:—

(*a*) Cathode-ray oscilloscopes of the kinds having any of the following characteristics:—

(i) incorporating amplifiers with a bandwidth (defined as the band of frequencies over which the power amplification does not drop to less than one-half of its maximum value) greater than 5 megacycles.

(ii) a time base shorter than 0·05 microseconds per centimetre.

(iii) incorporating, or designed to use, cathode-ray tubes with more than one electron gun.

(iv) incorporating three or more cathode-ray tubes.

(v) employing accelerating potentials in excess of 5,000 volts.

(*b*) Amplifiers of the kinds which are specialised accessories or sub-assemblies of the cathode-ray oscilloscopes specified in (*a*) (i) above.

(*c*) Cathode-ray oscilloscope cameras.

Communication equipment specially designed for use in aircraft or for communicating with aircraft; and specialised parts therefor.

Communication equipment of a kind using infra-red radiation or ultrasonic waves; and specialised parts therefor.

Computors, electronic, other than office calculating machines.

Crystal diodes incorporating germanium or silicon; and crystal triodes; and specialised parts of such items.

Electric-impulse generators of a kind used for providing recurring impulses of peak power exceeding 10 kilowatts; and pulse-transformers and pulse-forming equipment being specialised parts of such apparatus.

Electromagnetic waveguides, resonant structures and radiators of a kind used at frequencies exceeding 600 megacycles per second; and articles or equipment incorporating or specially designed to be connected to or incorporated in any such item.

Electronic and precision instruments and apparatus, not elsewhere specified in the First Schedule to the Order, the following:—

Apparatus designed for measuring impedance, admittance, capacitance or inductance at a frequency of 100 megacycles per second or more.

Decade attenuators giving readings accurate to better than ±5 per cent. of the indicated value expressed in decibels, at frequencies of 1 megacycle per second or above.

Apparatus designed for measuring permittivity or power factor of dielectrics at frequencies of 1 megacycle per second or above.

Radio-frequency field strength measuring apparatus.

Frequency measuring apparatus of the kinds having an accuracy better than ±0·01 per cent. at frequencies over 30 kilocycles per second.

Electronic stabilised power supplies of the kinds capable of delivering a DC output voltage which—

(*a*) varies by less than 1 per cent. of any input voltage variation within ±20 per cent. of the nominal, or

(*b*) varies by less than 0·1 per cent. of the maximum rated voltage between no load and maximum rated load.

Electronic and precision instruments designed for use at frequencies exceeding 300 megacycles per second.

Electronic vacuum tubes or valves of the following descriptions:—

Cathode-ray tubes with a screen afterglow exceeding one-half second or with writing speeds of more than 3,000 kilometres per second, or with two or more electron guns.

Hot cathode gas-filled tubes and mercury pool cathode tubes (thyratrons and ignitrons) rated for continuous operation with peak current exceeding 100 amperes and peak voltage exceeding 9,000 volts at a pulse repetition frequency of 200 or more pulses per second.

Hydrogen thyratron tubes of any rating.

Indirectly heated valves of a kind that can be passed through a circular hole ¼ inch in diameter.

Television camera tubes and other tubes of all kinds in which provision is made for storage of electric charge in a spatial pattern.

Valves designed to withstand accelerations greater than 450 *g*.

Valves of a kind capable of continuous plate (anode) dissipation of 150 watts or over.

Valves of a kind specially designed for use at frequencies of more than 250 megacycles per second.

Valves whose output-input ratio at 300 megacycles per second is 50 per cent. or more of the output-input ratio at 20 megacycles per second when measured under the same operating voltages and load impedance.

Inductors, fixed or variable, with a rated accuracy better than ±1 per cent. at 1 megacycle per second or any higher frequency.

Magnetic recorders or reproducers (other than those designed for voice or music); and specialised recording media, parts and components for such recorders or reproducers.

Measuring and counting apparatus, not elsewhere specified in the First Schedule to the Order, the following:—

Apparatus capable of measuring time intervals of one second or less with an error not exceeding 2 per cent. of the interval measured or an error of 20 microseconds, whichever is the greater.

Apparatus capable of counting at over 50,000 counts per second.

Micro-flash apparatus capable of giving a flash of 1/100,000 second or shorter duration, or with a frequency of 200 flashes or more per second.

Microscopes, electron, and parts thereof, the following:—

Electron microscopes.

Electron guns and electron objective, projection and condenser lenses (magnetic or electrostatic).

Photo-electric cells, the following:—

Photo-electric cells, with a peak sensitivity at a wavelength longer than 12,000 Angstrom units.

Photo-conducive cells or photo-transistors with a response time constant of 1 millisecond or less measured at a temperature at which the time constant is minimum.

Photomultiplier tubes, other than those specified in Group 15 of the First Schedule to the Order, and specialised parts thereof.

Piezo-electric quartz crystals, plates, bars and rods, worked or unworked, mounted or unmounted.

Radio receivers, panoramic, being receivers which search automatically part of the radio-frequency spectrum and indicate visibly the signals received; and specialised parts of such receivers.

Radio relay communications equipment; and specialised components and sub-assemblies therefor.

Radio spectrum analysers (being apparatus capable of indicating the single-frequency components of multi-frequency oscillations); and specialised parts of such analysers.

Radio transmitters and transmitter amplifiers, designed to operate at frequencies of 30 megacycles per second or more; and specialised components, sub-assemblies and power supplies therefor; but excluding (i) commercial broadcast AM, FM, and TV transmitters, operating at less than 250 megacycles per second and

designed for fixed permanent installation, and (ii) commercial single speech-channel land mobile communication equipment operating at less than 180 megacycles per second.

Radiolocation apparatus (including direction finders, radar and radio-navigation equipment) and infra-red location apparatus; and specialised parts and accessories of such apparatus; and specialised equipment for testing or calibrating such apparatus; but not including radio direction-finders of a kind used at frequencies not greater than 3 megacycles per second.

Resistors, fixed or variable, with a rated accuracy better than ±1 per cent. at 1 megacycle per second or any higher frequency.

Resistors, temperature-sensitive, of a kind used in bolometers or in the measurement of electric power below 10 milliwatts; but not including electric lamps.

Telecontrol equipment suitable for controlling pilotless aircraft or guided weapons; and specialised parts of such equipment.

Telegraph apparatus, the following:—

Apparatus designed for the transmission or reception of messages at a speed exceeding 200 words per minute or 150 bauds, whichever is the lesser; and specialised component parts and accessories of such apparatus.

Telemetering equipment incorporating or designed to incorporate electronic valves.

Transistors of all kinds; and specialised parts therefor.

Valve voltmeters of the following descriptions:—

Direct-current voltmeters with full-scale range of 1 millivolt or less.

Alternating-current voltmeters with full-scale range of 10 microvolts or less.

Voice-frequency telegraph terminal equipment, the following:—

(*a*) Apparatus of a kind used for converting the output from telegraph sending instruments to audio frequencies for transmission over electric circuits.

(*b*) Apparatus of a kind used for converting incoming telegraph signal on an audio frequency basis into a form suitable for, and distribution to, telegraph receiving instruments.

(*c*) Channel filters and specialised parts thereof; and specialised parts and sub-assemblies specially designed for incorporation in voice-frequency telegraph terminal equipment of the kinds specified in (*a*) and (*b*) above.".

In Group 12 (2), before the item relating to balloons, insert the item:—

"Apparatus for automatically sorting electronic components in respect of their electrical characteristics.":

delete the item relating to balloons, sounding, and substitute therefor:—

"Balloons, 1,100 grammes (2·425 lbs.) or more envelope weight deflated, designed for free flight.":

after the item relating to balloons, insert the item:—

"Compasses and gyroscopic apparatus, the following:—

Gyro-compasses, transmitting magnetic compasses, gyro-magnetic compasses, and repeaters for any of the foregoing.

Gyroscopic stabilisers.

Gyroscopic steering controls.":

delete the item relating to densitometers.:

delete the item relating to dynamometers.:

delete the heading relating to electrical machinery, and the items thereunder, and substitute therefor:—

"Electrical machinery of the following descriptions:—

Generators, generating sets and synchronous condensers of a maximum continuous rating of 5,000 kilowatts and over, and the following parts thereof:—

Stators.

Rotors.

Motors of 500 B.H.P. and over, one hour rating.

Starting and controlling gear for electric motors, the following:—

Automatic and semi-automatic apparatus for the starting, stopping, reversing and speed control of motors of 5,000 B.H.P. and over, one hour rating.":

delete the item relating to electrostatic precipitators.:

delete the heading relating to furnaces, industrial, metallurgical and chemical, and the items thereunder.:

delete the item relating to leak detecting instruments.:

delete the item relating to marine gyro-compasses and repeaters.:

delete the item relating to micro-balances.:

delete the item "Micro-hardness testers.":

delete the heading relating to mineral separation plant, and the item thereunder.:

after the heading and items relating to electrical machinery, insert the item:—

"Optical curve generators (grinders, surfacers and polishers) and component parts thereof, capable of producing aspherical curves.":

delete the item "pH meters, direct reading type.", and substitute therefor:—

"pH apparatus, continuous measuring, of the following types, whether separate or as components of other pH apparatus:—

Electrode assemblies of the flow or immersion type which include a resistance thermometer element and a glass electrode of 250 megohms or higher at 25° C.

Amplifiers which include automatic temperature compensation as a function of the amplifier and are capable of operating on an input of 10^{-12} amperes.":

delete the heading relating to pyrometers and the items thereunder.:

delete the heading relating to spectrographs, spectrophotometers, spectrometers and monochromators, and the items thereunder, and substitute therefor:—

"Spectrographs, spectrophotometers, spectrometers and monochromators and associated measuring apparatus of the following descriptions:—

Grating types with or designed for use with diffraction gratings (original or replicas, plane or concave) and gratings therefor.

Prism types designed for use with prisms of which the length of any side of the base is 35 millimetres or more.

Prism types designed for use with prisms giving a spectrum of 20 centimetres or more in length between 2,000 Angstrom units and 9,000 Angstrom units.

Infra-red types, having an effective total prism base length of over 2 inches (5 centimetres).

Recording or controlling densitometers or other specialised equipment for the quantitative assessment of spectrographic records,

except:—

Instruments limited to the use of replica plane grating not exceeding 1 inch in ruled width, and spares therefor.

Instruments of the circle type incapable of direct measuring to less than 5 sec. of arc.":

delete the item relating to strain gauging equipment.:

delete the item relating to Warburg apparatus.:

delete the heading relating to X-ray apparatus, and the items thereunder, and substitute therefor:—

"X-ray and electron diffraction apparatus, the following:—

X-ray tubes having more than one window.

X-ray diffraction units, and component parts thereof, incorporating or designed for use with the above tubes.

Powder cameras of the kinds having an heating element for temperatures of 500°C. (932°F.) or over.

Single crystal oscillating and rotating X-ray goniometers of the kinds having X-ray film or plate holders.

Electron diffraction units and specialised components therefor.".

In Group 13 (1), delete the items:—
" Aluminium chloride, anhydrous.
Bismuth compounds.
Butane and mixtures containing butane.
Calcium permanganate.
Catalysts of metallic nickel deposited on, or immersed in, other material.
Chlorofluoromethanes, other than dichlorodifluoromethane.":

after the item " Carbon blacks.", insert the item:—
" Cobalt compounds (other than paint driers, cobalt organic artificial colouring matters and other paint pigments).":

after the item relating to cobalt compounds, insert the item:—
" Cumene (isopropylbenzene).":

delete the items:—
" 1:2-Dibromoethane.
p:p'-Diaminodiphenylmethane.":

after the item " Cumene (isopropylbenzene).", insert the item:—
" Dichlorodifluoromethane.":

delete the items:—
" Dichlorostyrene.
N,N-Dimethylaniline.":

delete the item relating to glycols, esters, ethers and ether esters, and substitute therefor:—
" Glycols and their derivatives, as follows:—
(*a*) Ethylene glycol.
Propylene glycol.
Mixtures consisting mainly of one or more of the above.
(*b*) Thiodiglycol and mixtures consisting mainly thereof.":

delete the item relating to hydrogen peroxide, and substitute therefor:—
" Hydrogen peroxide containing by weight 50 per cent. or more of hydrogen peroxide.":

delete the items:—
" Hydroquinone.
Methyl isobutylketone.
Monochlorobenzene.":

after the item " Methyl N, N-Diphenylurea (methyl unsymmetrical diphenylurea).", insert the item:—
" Monomethylaniline.":

after the item " Nitric acid.", insert the item:—
" 2-Nitro-diphenylamine.":

delete the items:—
" Phenyl-α-Naphthylamine.
Phenyl-β-Naphthylamine.
Phosphorus.
Polyisobutylene.
Potassium nitrate (other than Chilean potassium nitrate).
Potassium permanganate.
Sodium cyanide of a purity of not less than 95 per cent.
Sodium metallic.
Strontium compounds.
Styrene.
Synthetic organic chemicals of the following descriptions, of the kinds used as flotation re-agents:—
Acetates of amines derived from fatty acids of natural origin whether hydrogenated or not.
Acetates of dodecylamine and its higher homologues, and mixtures thereof.
Dialkyl and diaryl dithiophosphoric acids and their salts.
Potassium alkyl xanthates.

Quaternary trimethylammonium chloride from amines prepared from soya bean fatty acids.

Sodium alkyl xanthates.

Synthetic organic chemicals and metallic derivatives thereof of the kinds used as accelerators and anti-oxidants in the compounding of rubber, not elsewhere specified in Groups 13 (1) and 13 (2) of the First Schedule to the Order.":

after the item "Tantalum compounds.", insert the item:—

"Tetrafluoroethylene.":

delete the items:—

"Thallium bromoiodide.

o-Tolyl-*β*-Napthylamine.":

after the item "Toluene and toluole.", insert the item:—

"Trichloromonofluoromethane."

EXPLANATORY NOTE

(This Note is not part of the Order, but is intended to indicate its general purport.)

This Order amends the Export of Goods (Control) (Consolidation) Order, 1954.

The principal amendments are as follows:—

(1) Licences are not now required, except for exports to China, Hong Kong, Macao and Tibet, for coffee, certain animal feeding stuffs, certain grain products and edible preparations, bacon and ham, gum elemi, certain oils and oleaginous seeds, specified abrasives and abrasive manufactures, carbon, celestite and strontianite, natural graphite and scrap, polydichlorostyrene, specified ferro-alloys, carbon steel plates, certain forms of non-ferrous metals and alloys, specified ores and concentrates, certain manufactures of platinum, chemical process vessels, certain cocks and pipe valves, gauges, steel tanks, air conditioning machines, certain water lubricated bearings, dynamic balancing machines, freeze-drying plant, certain heat exchangers, heater return bends, water treatment plant, certain metal working machines, certain co-axial cable machines, certain metal cutting and working tools, specified steel strip tinning plant, rubber and plastics working machinery, spinning jets, unvulcanised mixtures of rubber, certain tyre inner tubes, certain diesel engines, marine internal combustion engines, marine propellers, certain wheeled tractors, certain turbines, certain photo-electric cells,, dynamometers, electro-static precipitators, furnaces (other than vacuum furnaces), micro-hardness testers, mineral separation plant, pyrometers, strain gauging equipment, Warburg apparatus, certain chemicals and drugs, certain scientific equipment and articles containing silver.

(2) Licences are now required for the export to all destinations other than those specified in Part II of the Third Schedule to the principal Order, excluding Hong Kong, of steel wire rope and cable, certain nickel steel alloys, tungsten wire, certain co-axial cables, specified pipe and tubing, certain ball and roller bearings, certain high frequency spindles, specified metal cutting deep hole drills, certain diesel engines, soil compactors, specified turbine parts, specified electronic equipment and precision instruments, specified electrical equipment and specified chemicals.

(3) Licences are now required for the export to all destinations of mercury metal and alloys, specified chemicals, certain scientific equipment and specified munition machines.