1960 No. 1325

The Strategic Goods (Control) (Amendment) Order, 1960

Made - - - -	*28th July*, 1960
Laid before Parliament	*5th August*, 1960
Coming into Operation	*22nd August*, 1960

The Board of Trade in pursuance of the powers conferred upon them by Regulation 55 of the Defence (General) Regulations, 1939, as continued in force by the Emergency Laws (Repeal) Act, 1959(a), hereby order as follows:—

1. The Strategic Goods (Control) Order, 1959(b) shall have effect as if the First Schedule thereto were amended in the manner specified in the Schedule hereto.

2. This Order may be cited as the Strategic Goods (Control) (Amendment) Order, 1960, and shall come into operation on the 22nd day of August, 1960.

Dated this 28th day of July, 1960.

John Rodgers,
Parliamentary Secretary to the
Board of Trade.

SCHEDULE

Amendments to the First Schedule to the Strategic Goods (Control) Order, 1959

In Group 1:—

after the entry relating to cables, insert the entry:—

"Climatic conditioning chambers giving temperature, or pressure, or radiation, or humidity conditions equivalent to altitudes of 75,000 feet or more.":

delete the entry relating to telemetering and telecontrol apparatus and substitute:—

"Telemetering and telecontrol apparatus suitable for use with aircraft (piloted or pilotless), missiles (guided or unguided) or space vehicles (guided or unguided).".

In Group 2:—

in the entry relating to refractory goods, delete "97 per cent. or more of magnesium oxide or ".

(a) 7 & 8 Eliz. 2. c. 19. (b) S.I. 1959/190 (1959 I, p. 1218).

In Group 3 :—

delete the entry relating to amplifiers and substitute :—

" Amplifiers—

(*a*) designed to operate at frequencies in excess of 500 megacycles per second ;

(*b*) tuned, having a bandwidth which exceeds 10 megacycles per second or 10 per cent. of the mean frequency, whichever is less ;

(*c*) untuned, having a bandwidth which exceeds 10 megacycles per second ;

(*d*) direct current, having a noise level (referred to the input circuit) of 10^{-16} watts or less, or a zero-drift in one hour corresponding to a change in input power of 10^{-16} watts or less, or both these characteristics ;

(*e*) parametric, with a noise figure of merit of 5 decibels or less measured at a temperature of 17° Centigrade ;

(*f*) paramagnetic ;

and specialised parts for the equipment mentioned in heads (*e*) and (*f*) of this entry.

In this entry—

" bandwidth " means the band of frequencies over which the power amplification does not drop to less than one-half of its maximum value ; and

" mean frequency " means the arithmetic mean between the frequencies at which the power amplification is one-half of its maximum value.":

delete the entry " Capacitors, tantalum electrolytic " and substitute :—

" Capacitors, tantalum electrolytic, the following :—

All types designed to operate at temperatures exceeding 85° Centigrade.

Sintered electrolytic capacitors.

Electrolytic capacitors constructed with foils." :

delete the entry relating to communication and detection equipment and substitute :—

" Communication, detection and tracking equipment of a kind using infra-red radiation or ultrasonic waves, and specialised parts therefor.":

in the entry relating to communication, navigation, direction finding and radar equipment, to item (2) add :—

" (*e*) Equipment pressurised throughout.

(*f*) Equipment rated for continuous operation over a range of ambient temperatures extending from below -40° Centigrade to above 55° Centigrade.",

and for item (6) substitute :—

" (6) Specialised parts, specialised accessories, specialised testing or calibrating equipment and training or simulating equipment for the apparatus mentioned in heads (2), (3), (4) or (5) of this entry." :

after the entry relating to communication, navigation, direction finding and radar equipment, insert the entry :—

" Communication transmission equipment, the following :—

Terminal and intermediate repeater or amplifier equipment designed to deliver, carry or receive frequencies higher than 36 kilocycles per second into, or in, a communication system.

Multi-channel telegraph terminal transmitting and receiving equipment.

Specialised components, accessories and sub-assemblies for the foregoing." :

delete the entry relating to compasses and gyroscopic apparatus and substitute:—

"Compasses and gyroscopic apparatus, the following:—

Automatic pilots, except marine types for surface vessels.

Gyro compasses, North-seeking only, possessing one or more of the following characteristics:—

automatic correction for the effects on compass accuracy of changes in ship's speed, acceleration or latitude;

provision for accepting ship's data as an electrical input;

provision for setting in corrections for current set and drift;

utilisation of accelerometer, rate gyro, rate integrating gyros or electrolytic levels as sensing devices;

provision for determining and electrically transmitting ship's level reference data (roll, pitch) in addition to own ship's course data.

Gyro-astro compasses.

Gyro-magnetic compasses.

Gyro-stabilisers other than the kinds used for stabilising an entire surface vessel.

Gyroscopes and accelerometers, high precision or miniaturised, of the kind designed for use in ship inertia navigation systems, or in the guidance systems of weapons or aircraft.

Pressure proof ship's course indicators.

Transmitting magnetic compasses specially designed for submarines.

Specially designed parts and components for any of the foregoing.":

delete the entry relating to crystal signal diodes:

delete the entry relating to electric-impulse generators and substitute:—

"Electric-impulse generators of a kind used for providing recurring impulses of peak power exceeding 150 kilowatts or of a duration of less than 0·1 microsecond, or with a duty cycle in excess of 0·002, and pulse transformer and pulse-forming equipment and delay lines being parts specially designed for such electric-impulse generators.":

delete the entry relating to electromagnetic waveguides and substitute:—

"Electromagnetic waveguides and components therefor, the following:—

Flexible waveguides of all types.

Rigid waveguides and components designed for use at frequencies in excess of 12,500 megacycles per second.

Waveguides having a bandwidth ratio greater than 1·5:1.

Electromagnetic waveguide components, the following:—

(*a*) Directional couplers having a bandwidth ratio greater than 1·5:1 and directivity over the band of 15 decibels or more.

(*b*) Circulators using gyro-magnetic properties.

(*c*) Rotary joints capable of transmitting more than one isolated channel or having a bandwidth greater than 5 per cent. of the centre mean frequency.

(*d*) Magnetic waveguide components.":

delete the entry relating to electronic and precision instruments and apparatus and substitute:—

"Electronic and precision instruments and apparatus, the following:—

(1) Electronic measuring, testing or calibrating instruments having one or more of the following characteristics:—

(*a*) designed for use at frequencies in excess of 500 megacycles per second, other than the radio spectrum analysers specified elsewhere in this Group;

(*b*) (i) frequency measuring equipment or frequency standards, designed for other than ground laboratory use, having an accuracy better than 1 part in 10^7;

(ii) ground laboratory frequency standards or frequency measuring equipment incorporating frequency standards with a stability over 24 hours of 1 part in 10^9 or better;

(*c*) testing instruments rated to maintain their specified operating data when operating over a range of ambient temperatures extending from below -25° Centigrade to above 55° Centigrade.

(2) 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) a bandwidth greater than 12 megacycles per second;

(ii) a time base shorter than 0·04 microseconds per centimetre;

(iii) incorporating, or designed to use, one or more cathode-ray tubes having three or more electron guns;

(iv) incorporating, or designed to use, cathode-ray memory tubes;

(v) employing accelerating potentials in excess of 5 kilovolts.

(*b*) Amplifiers and pre-amplifiers, which are specialised accessories or sub-assemblies of cathode-ray oscilloscopes, having a bandwidth greater than 12 megacycles per second.":

In this entry "bandwidth" means the band of frequencies over which the deflection on the cathode-ray tube does not fall below 70·7 per cent. of that at the maximum point, measured with a constant input voltage to the amplifier.

delete the entry relating to electronic vacuum tubes or valves and substitute:—

"Electronic cathode-ray tubes, vacuum tubes or valves, the following:—

(1) Cathode-ray tubes—

(*a*) specially designed for radar equipment of the kinds described in the entry in this Group relating to communication, navigation, direction finding and radar equipment;

(*b*) specially designed for apparatus of the kinds described in the entry in this Group relating to apparatus to jam or otherwise interfere with radio reception;

(*c*) with writing speeds of more than 3,000 kilometres per second;

(*d*) with three or more electron guns, other than 3-gun colour television tubes designed for entertainment use;

(*e*) Alpha-numeric and similar data or information display tubes (display being obtained by scanning or other means), other than those tubes in which the displayed position of each character is fixed.

(2) Image converter tubes and electronic storage tubes including memory transformers of radar pictures and ruggedised vidicon-type tubes but excluding other television camera tubes and X-ray intensifier tubes.

(3) Klystrons and specialised parts therefor.

(4) Thyratron and modulator gas-discharge tubes, rated for continuous operation with peak current and peak voltage exceeding 100 amperes and 9,000 volts at a pulse repetition frequency of 200 or more pulses per second.

(5) Hydrogen thyratron tubes of any rating.

(6) Travelling wave tubes, and specialised parts therefor.

(7) Valves, constructed with a ceramic envelope and designed for frequencies in excess of 60 megacycles per second, and specialised parts therefor.

(8) Valves designed for operation in ambient temperatures exceeding 100° Centigrade, and specialised parts therefor.

(9) Valves designed for use at frequencies between 300 megacycles per second and 500 megacycles per second having a plate dissipation in excess of 10 watts under any conditions of cooling, and specialised parts therefor.

(10) Valves designed for use at frequencies in excess of 500 megacycles, and specialised parts therefor.

(11) Valves designed to withstand—

(*a*) sinusoidal vibration at peak accelerations greater than 5*g* for a total period in excess of 100 hours at any one frequency between 25 and 170 cycles per second ; or

(*b*) swept frequency sinusoidal vibrations between 60 and 1,000 cycles per second, with a minimum swept frequency ratio of 5 to 1, at a peak acceleration greater than 4*g* for a total period in excess of 200 hours ; or

(*c*) acceleration of short duration (shock) greater than 1000*g*; and specialised parts for any such valves.

(12) Valves indirectly heated, of a kind that can be passed through a circular hole 7·2 millimetres in diameter, and specialised parts therefor.

(13) X-ray tubes, flash discharge types.":

after the entry relating to electronic cathode-ray tubes, vacuum tubes or valves, insert the entry:—

" Electronic equipment and components, the following :—

Assemblies and sub-assemblies constituting one or more functional circuits with a component density greater than 75 parts per cubic inch, and equipment containing such assemblies or sub-assemblies.

Modular insulating panels (including plates and wafers) mounting single or multiple electronic elements, and specialised parts therefor.":

delete the entry relating to line communication transmission equipment:

delete the entry relating to photomultiplier tubes and substitute:—

" Photomultiplier tubes of all types for which the maximum sensitivity occurs at wavelengths longer than 7,500 ångströms.":

delete the entry relating to radio spectrum analysers and substitute:—

" Radio spectrum analysers (being apparatus capable of indicating the single-frequency components of multi-frequency oscillations), the following:—

(*a*) designed to operate at frequencies over 500 megacycles per second ;

(*b*) designed to operate at frequencies over 300 megacycles per second and using interchangeable heads (radio-electric frequency tuning systems) and incorporating integral sweep facilities ;

(*c*) Specialised components, parts and accessories for (*a*) and (*b*).":

in the entry relating to radio transmitters and components, delete item (*b*) and substitute:—

" (*b*) Transmitters or transmitter amplifiers designed to provide any of the following features :—

(1) any system of pulse modulation other than amplitude-, frequency- or phase-modulated television or telegraphic transmitters ;

(2) rated for operation over a range of ambient temperatures extending from below −40° Centigrade to above 55° Centigrade ;

(3) facilities providing a multiplicity of alternative output carrier frequencies controlled by a lesser number of piezo-electric crystals and not forming multiples of a common control frequency.":

after the entry relating to radio transmitters and components, insert the entry:—

"Semi-conductor diodes, including rectifier diodes and switching diodes, but excluding photo-diodes, the following:—

(1) Any semi-conductor diode in which the bulk material is other than silicon, germanium, selenium or copper oxide.

(2) Signal diodes, including mixer diodes, frequency-changing diodes and switching diodes, the following:—

(*a*) Point contact type diodes in which the bulk material is silicon and which are designed for use at input frequencies greater than 300 megacycles per second.

(*b*) Point contact type diodes in which the bulk material is germanium and which are designed for use at input frequencies greater than 1,000 megacycles per second.

(*c*) Junction type diodes, including switching type diodes, in which the bulk material is silicon and which are designed—

(i) for use at input frequencies greater than one megacycle per second; or

(ii) for switching rates (repetition frequency) greater than 100 kilocycles per second.

(*d*) Junction type diodes, including switching type diodes, in which the bulk material is germanium and which are designed—

(i) for use at input frequencies greater than 300 megacycles per second; or

(ii) for switching rates (repetition frequency) greater than one megacycle per second.

(3) (*a*) Power diodes in which the rated peak inverse voltage exceeds 1,000 volts per junction at 25° Centigrade and under any conditions of cooling.

(*b*) Controlled diodes, the following:—

Semi-conductor multiple-junction devices for applications similar to those of grid-controlled gas-filled tubes, designed for use at switching rates (repetition frequency) greater than 100 kilocycles per second.":

after the entry relating to telegraph apparatus, insert the entry:—

"Thermal detecting cells, the following:—

Bolometers and thermocouple detectors, radiant energy types, with a response time constant of less than 10 milliseconds measured at the operating temperature of the cell for which the time constant reaches a minimum.":

delete the entry relating to transistors and related devices and substitute:—

"Transistors and related devices (or related semi-conductor amplifying devices such as fieldistors, spacistors and technetrons), the following:—

Any type using any semi-conductor material having four or more active junctions within any single block of semi-conductor material;

Any type using a bulk semi-conductor material other than germanium;

Any type using germanium as a bulk semi-conductor material and having any of the following characteristics:—

(*a*) an average f alpha less than 50 megacycles per second and designed to have a product of maximum collector dissipation (in watts) times average f alpha (in megacycles per second) greater than 7·5;

(*b*) an average f alpha of 50 to 150 megacycles per second and designed to have a maximum collector dissipation greater than 150 milliwatts;

(*c*) an average f alpha greater than 150 megacycles per second;

Specially designed or rated for use as a switching transistor for switching rates (repetition frequency) greater than 500 kilocycles per second;

Specialised parts for the foregoing.

This entry covers all devices incorporating a semi-conducting crystal of any material with three or more electrical connections or with only two such connections where four or more active junctions exist within a single block of semi-conductor material, which are used as amplifiers, oscillators or trigger devices, or combinations thereof in electronic circuits.

In this entry—

"Maximum collector dissipation" means the continuous dissipation measured at an ambient temperature of 25° Centigrade, under any cooling conditions; and

"f alpha" means the frequency at which the modulus of the current gain in the common base connection has decreased to 0·707 of its low frequency value. Where f_1 (the frequency at which the modulus of the current gain in the common emitter connection is equal to 1) is quoted instead of f alpha, f_1 may be regarded as 0·8 times f alpha; and

"average f alpha" means the f alpha at which the major production of a particular type of transistor occurs, and where the average f alpha is not quoted or known, this value shall be taken as 1·5 times the minimum f alpha.".

In Group 4:—

in the entry relating to boron compounds and mixtures, delete item (*h*) and substitute:—

"(*h*) Other boron compounds containing 10 per cent. or more of combined boron, excluding:—

(1) Perborates.

(2) Metal borates other than those specified in head (*a*) of this entry.

(*i*) Mixtures containing an aggregate of 10 per cent. or more of boron whether in combined or elemental forms.":

delete the entry relating to cobalt compounds:

delete "Diphenylamine.":

delete "Hydrazine" and substitute:—

"Hydrazine, whether or not anhydrous, having a hydrazine content calculated as anhydrous hydrazine, of 70 per cent. or more.":

delete "Hydrazine hydrate.":

delete the entry relating to hydrogen peroxide and substitute:—

"Hydrogen peroxide and solutions containing 50 per cent. or more of hydrogen peroxide.":

delete the entry relating to magnesium oxide.

In Group 5:—

delete the entry relating to cobalt and substitute:—

"Cobalt, the following:—

Raw materials, white alloy and red alloy.

Ferro-cobalt, whether briquetted or not.

Cobalt and alloys containing:—

(*a*) 50 per cent. or more of cobalt, or

(*b*) 19 per cent. or more of cobalt together with 14 per cent. or more of chromium and less than 1 per cent. of carbon, or

(*c*) 19 per cent. or more of cobalt, together with 14 per cent. or more of chromium and 3 per cent. or more of molybdenum,

in crude or semi-fabricated forms, or scrap.":

delete the entry relating to germanium and substitute:—

"Germanium, in ribbon form, 2 inches or more in length, whether or not processed.":

in the entry relating to iron and steel, delete sub-head (*b*) (iii) and substitute:—

"(iii) 6 per cent. or more of cobalt (other than permanent magnetic metals with a cobalt content of 25 per cent. or less and high speed tool steels containing up to 10 per cent. of cobalt, less than 5 per cent. of chromium and no nickel);":

delete the entry relating to magnetic materials and substitute:—

"Magnetic materials, the following:—

(1) Magnetic materials in all forms (including specialised forms such as core assemblies, laminations, stampings, tapes and wound cores) having any of the following characteristics:—

(*a*) initial permeability 50,000 or over;

(*b*) remanence 98 per cent. or over of maximum flux for materials having magnetic permeability;

(*c*) a composition capable of an energy product greater than 6 megagauss-oersteds, or containing more than 25 per cent. of cobalt.

(2) Grain oriented sheet or strip having either of the following characteristics (and core assemblies, laminations, stampings, tapes and wound cores composed of such sheet or strip):—

(*a*) a thickness of 0·008 inch or less;

(*b*) a thickness greater than 0·008 inch and not exceeding 0·012 inch and having a core loss of 0·45 watt per pound or less when measured at a flux density of 13,000 gauss and a frequency of 50 cycles per second, or of 0·62 watt per pound or less when measured at a flux density of 15,000 gauss and a frequency of 50 cycles per second.":

in the entry relating to nickel, delete "Nickel-based alloys containing 32 per cent. or more of nickel, in crude or semi-fabricated forms." and substitute:—

"Nickel-based alloys containing 32 per cent. or more of nickel, in crude or semi-fabricated forms or scrap, other than—

(*a*) nickel-copper alloys containing not more than 6 per cent. of other alloying elements;

(*b*) electrical resistance materials in the form of wire, rod, tape or strip;

(*c*) bi-metallic strip for thermostats;

(*d*) thermocouple nickel-chrome wire within a diameter range of 0·2 millimetre to 5 millimetres both inclusive, containing less than 95 per cent. of nickel.":

delete the entry relating to silicon and substitute:—

"Silicon, the following:—

(*a*) of a purity of 99·9 per cent. or more;

(*b*) in ribbon form, 2 inches or more in length, whether or not processed.".

In Group 6:—

in the entry relating to ball and roller bearings, delete item (*b*) and substitute:—

"(*b*) Tapered roller, spherical roller and thrust roller bearings, the following:—

(1) with bore diameter above 500 millimetres (19·685 inches);

(2) with bore diameter above 400 millimetres (15·75 inches), specially designed for use in military equipment and differing substantially in design from normal bearings in order to provide a superior operating performance.":

delete the entry relating to containers and substitute:—

"Containers, jacketted only, including mobile types, for the storage or transportation of liquid gases, the following:—

(*a*) of 500 gallons (1,893 litres) capacity or over, designed for liquid argon, fluorine, helium, hydrogen, nitrogen, oxygen or ozone, other than 2-shell containers rated for an average evaporation loss of over 5 per cent. per 24 hour period, such loss to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of 24° Centigrade or higher and without exposure to direct sunlight;

(*b*) of 250 gallons (946·5 litres) capacity or over, designed for liquid fluorine.":

delete the entry relating to equipment specially designed for the purification and processing of germanium:

delete the entry relating to equipment specially designed for the purification and processing of silicon and substitute:—

"Equipment for the working of silicon or germanium, the following:—

Equipment specially designed for purifying and processing silicon or germanium, other than plant for the zone purification of germanium.

Equipment specially designed for the production or processing of silicon or germanium in the form of ribbon 2 inches or more in length.":

delete the entry relating to furnaces, electric and substitute:—

"Furnaces, electric, the following:—

Specially designed for the recovery of titanium or zirconium from scrap.

Consumable electrode vacuum arc furnaces with a capacity in excess of 5 tons.

Skull type vacuum arc furnaces.

Electron beam vacuum furnaces.":

delete the entry relating to machines and apparatus for the manufacture and testing of electronic valves and substitute:—

"Machines and apparatus for the manufacture or testing of electronic valves, the following:—

(*a*) Machines and apparatus specially designed for the manufacture or testing of the kinds of electronic valves, transistors and crystal diodes (including components and sub-assemblies therefor) specified in Group 3.

(*b*) Machines and apparatus specially designed for the automatic or semi-automatic assembly of electronic valves, transistors and crystal diodes (including components and sub-assemblies therefor).

(*c*) Specialised testing equipment for use with the machinery and apparatus mentioned in sub-head (*b*).":

delete the entry "machines, milling, having a travelling head or heads, capable of milling aircraft spars.":

in the entry relating to machines, metalworking, delete the four items relating to forging hammers, grinding machines, presses and spinning lathes and substitute respectively:—

"Forging hammers, the following:—

Counter-blow hammers of rated size of 180,825 foot pounds and over.

Horizontal impact hammers, hydraulically actuated, of rated size of 10,000 foot pounds and over.";

"Grinding machines, the following:—

Internal grinding machines of the kind incorporating or specially designed for the utilisation of grinding heads designed or rated for operation at speeds in excess of 120,000 revolutions per minute.

Jig grinding machines possessing any traverse (longitudinal, transverse or vertical) exceeding 44 inches.";

"Presses, the following:—

Presses actuated by explosives.

Presses designed or re-designed for the working or forming of metals or alloys with a melting point exceeding 1,900° Centigrade.

Presses, hydraulic or mechanical, of an effective operating pressure over 5,000 tons;

and control equipment and component parts specially designed therefor.";

"Spin-forming machines designed for use with or equipped with spindle drive motor exceeding 25 horse power.":

in the entry relating to machine tool parts, accessories and associated apparatus, in the item relating to grinding heads and spindle assemblies, delete "80,000" and substitute "120,000":

delete the entry "Pipe and tubing (metal lined with polytetrafluoroethylene or polychlorotrifluoroethylene." and substitute:—

"Pipe and tubing (metal) lined with or covered with polytetrafluoroethylene or polychlorotrifluoroethylene.":

after the entry relating to pipe valves, cocks and pressure regulators, insert the entry:—

"Presses, hydraulic or mechanical, for the working of ceramics, with an effective operating pressure of over 5,000 tons, and control equipment and component parts specially designed therefor.":

delete the entry relating to printed circuit equipment and substitute:—

"Printed circuit equipment, the following:—

Equipment specially designed to produce electronic assemblies—

(*a*) by depositing or printing on insulating panels, including plates or wafers, or otherwise forming in situ, component parts other than basic wiring;

(*b*) by automatically inserting or soldering components on insulating panels, including plates or wafers, to which wiring is applied by printing or other means;

(*c*) by automatically or semi-automatically assembling, wiring or packaging the mounted insulating panels, including plates and wafers, mentioned in sub-heads (*a*) and (*b*).":

delete the entry relating to pumps and substitute:—

"Pumps, the following:—

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

(*a*) designed to move molten metals by electromagnetic forces;

(*b*) designed to produce pressures at 450 pounds per square inch (32 kilometres per square centimetre) or more and having an inlet connection greater than 3 inches (75 millimetres) internal pipe size;

(*c*) designed to operate at temperatures below −130° Centigrade;

(*d*) all flow contact surfaces made of any of the following materials:—

(i) metals and alloys containing—

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

(B) 50 per cent. or more, separately or combined, of cobalt or molybdenum;

(C) 10 per cent. or more of silicon;

(ii) polytetrafluoroethylene or polychlorotrifluoroethylene.

(2) Vacuum pumps, the following:—

(*a*) Ion vacuum pumps with pumping speeds of 800 or more litres of hydrogen per second at a pressure of 10^{-6} millimetre of mercury or more;

(*b*) Parts and accessories specially designed therefor.":

delete the entry relating to rolling mills and substitute:—

"Rolling mills of the kind used for the reduction of metal by rolling, the following:—

Sheet and strip mills—

having automatic work roll adjustment controls for tapering or contouring along the length of the sheet or strip; or

more than 3-high.

Mills specially designed or re-designed for the rolling of metals or alloys with a melting point exceeding 1,900° Centigrade;

and specialised controls and component parts (other than rolls and ancillary equipment) for the foregoing.".

In Group 8:—

delete the entry relating to condenser tissue and substitute:—

"Dielectric materials (condenser tissue) coated or uncoated, other than paper, in the form of films, sheets, or strips of a thickness of 0·0015 inch or less, of a kind used in the manufacture of condensers capable of operating—

over the whole range of ambient temperatures extending from below −45° Centigrade to above 100° Centigrade; or

at ambient temperatures of 200° Centigrade or higher.":

delete the entry relating to hydraulic fluids and substitute:—

"Hydraulic fluids, synthetic, having a viscosity of not more than 4,000 centistokes at −54° Centigrade and not less than 1·5 centistokes at 150° Centigrade.".

EXPLANATORY NOTE

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

This Order amends the Strategic Goods (Control) Order, 1959. It effects the following changes:—

1. Control is removed from certain types of photomultiplier tubes, cobalt compounds, diphenylamine, magnesium oxide, certain roller bearings, milling machines capable of grinding aircraft spars, certain kinds of forging

hammers and internal grinding machines and from petroleum-based hydraulic fluids.

2. Control is imposed on climatic conditioning chambers, gyro-astro compasses and certain high precision or miniaturised accelerometers, specified electronic assemblies, tracking equipment of a kind using infra-red radiation or ultrasonic waves, specified thermal detecting cells, certain electric vacuum furnaces, ion vacuum pumps, specified containers for liquid fluorine, certain presses and metal pipe and tubing covered with polytetrafluoroethylene or polychlorotrifluoroethylene.

3. The descriptions of goods to which control applies have been amended in the case of telemetering and telecontrol apparatus, refractory goods, radio transmitters and components, transistors and related devices, communication transmission equipment, tantalum electrolytic capacitors, amplifiers, cathode-ray oscilloscopes, electronic cathode-ray tubes and vacuum tubes, certain radar equipment, diodes, electric impulse generators, electromagnetic waveguides, electronic and precision instruments and apparatus, radio spectrum analysers, hydrogen peroxide, boron compounds, hydrazine and hydrazine hydrate, cobalt, nickel alloys, magnetic materials, germanium, iron and steel, silicon, printed circuit equipment, machines for the manufacture and testing of electronic valves, metal rolling mills, equipment for working germanium and silicon and dielectric materials.