STATUTORY INSTRUMENTS

1982 No. 1446

CUSTOMS AND EXCISE

The Export of Goods (Control) (Amendment) Order 1982

Made - - - - -	12*th October* 1982
Coming into Operation	
For the purposes of	
Article 2(*c*) *and* (*d*)	13*th October* 1982
For all other purposes	12*th November* 1982

The Secretary of State, in exercise of powers conferred by section 1 of the Import, Export and Customs Powers (Defence) Act 1939(**a**) and now vested in him(**b**), and of all other powers enabling him in that behalf, hereby makes the following Order:—

1. This Order may be cited as the Export of Goods (Control) (Amendment) Order 1982 and shall come into operation for the purposes of Article 2*(c)* and *(d)* on 12th October 1982 and for all other purposes on 12th November 1982.

2. The Export of Goods (Control) Order 1981(**c**) shall be amended as follows:—

(a) in Group 1 of Part II of Schedule 1 for the entry relating to devices for firing booby traps there shall be substituted—

"Devices and apparatus specially designed for the handling, control, clearing, discharging, firing, detonation, detection or disruption of booby traps or explosive devices .....A";

(b) in Group 2B of Part II of Schedule 1—

(i) in the entry relating to plants for the separation of isotopes of source material and special and other fissionable materials, for sub-head (1) there shall be substituted—

"(1) Valves wholly made of or lined with nickel, nickel alloy, phosphor bronze, stainless steel, aluminium or aluminium alloy, corrosion resistant to uranium hexafluoride (UF_6) or hydrogen fluoride (HF), 0.5 cm or greater in diameter with bellows seal ...A"

(ii) for the entry relating to pressure gauges there shall be substituted—

"Pressure gauges capable of measuring pressures to 100 Torr

(**a**) 1939 c. 69.
(**b**) *See* S.I. 1970/1537.
(**c**) S.I. 1981/1641.

(13332.2 newtons per square metre) or less having sensing elements of nickel, nickel alloy, phosphor bronze, stainless steel, aluminium or aluminium alloy, corrosion resistant to uranium hexafluoride (UF_6) or hydrogen fluoride (HF); and such sensing elements .....A";

(c) in Group 3F of Part II of Schedule 1 in the entry relating to communication, detection and tracking equipment after the words "specially designed parts and components therefor ... A" there shall be added the word "except";

(d) in Group 3G of Part II of Schedule 1

(i) in the entry relating to cathode-ray oscilloscopes, in sub-head (6) for the word "oscillator" there shall be substituted the word "oscilloscope".

(ii) for the entry relating to recording or reproducing equipment there shall be substituted—

"Recording or reproducing equipment, the following:—

(1) Equipment using magnetic techniques .....A except

(a) equipment specially designed for voice or music;

(b) equipment specially designed to use magnetic card, tag, label or bank cheque recording media with a magnetic surface area not exceeding 85 sq cm;

(c) video magnetic tape and disc recorders specially designed for civil television recording using a signal registered with the International Radio Consultative Committee (CCIR) or specially designed or adapted for use with medical equipment and having all of the following characteristics:

(i) not ruggedised;

(ii) not rated for continuous operation in ambient temperatures from below −20°C to above +55°C;

(iii) not specially designed for underwater use;

(iv) 3 dB recording bandwith not exceeding 6 MHz;

(v) a signal-to-noise ratio not exceeding 48 dB (or 52 dB if the equipment is of the cassette type);

(vi) maximum length of time of a single scan not exceeding 20 milliseconds;

(vii) portable or transportable and having a net weight not exceeding 50 kg;

(d) Analogue magnetic tape recorders specially designed for use with medical equipment for recording physiological signals and having all of the following characteristics:

(i) not ruggedised;

(ii) not rated for continuous operation in ambient temperatures from below −20°C to above +55°C;

(iii) not specially designed for underwater use;

(iv) bandwith capability at maximum design speed not exceeding 300 kHz per track;

(v) recording density not exceeding 5000 magnetic flux sine waves per 25.4 mm per track;

(vi) not including either recording or reproducing heads of the rotary or floating types or heads designed for use in equipment designed to specifications superior to those defined in sub-paragraphs (iv) or (v) above;

(vii) tape speed not exceeding 152.4 cm per second;

(viii) not exceeding 20 recording tracks (excluding audio voice track);

(ix) start-stop time not less than 25 milliseconds;

(x) equipped with tape-derived (off-tape) servo speed control and with a time displacement (base) error of not less than ±5 microseconds at a tape speed of 152.4 cm per second and not less than ± 10 microseconds at any lower tape speed measured in accordance with applicable Inter-Range Instrumentation Group (IRIG) and Electronic Industries Group (EIA) documents;

(*e*) Digital tape recorders specially designed for civil use and used for the collection of medical data obtained from nuclear or other ionizing radiation measurements and having all of the following characteristics:

(i) not ruggedised;

(ii) not rated for continuous operation in ambient temperatures from below −20°C to above +55°C;

(iii) mean packing density, with less than 5% loss of pulses, not exceeding 800 pulses per 25.4 mm per track;

(iv) designed to specifications not superior to those defined in *(d)*(vi), (ix) and (x) above;

(v) tape speed not exceeding 95 cm per second;

(vi) not exceeding 8 recording tracks;

(vii) packing density not exceeding 800 bits per 25.4 mm per track;

(*f*) Digital recording and reproducing equipment operating serially with a packing density not exceeding 800 bits per 25.4 mm per track specially designed for use with, and incorporated in, typewriter systems used for preparing, correcting and composing text or any of these functions;

(2) Equipment using electron beams operating in a vacuum or laser produced light beams or both that produce patterns or images directly on the recording surface, and specialised equipment for image development .....A
except

(*a*) equipment specifically designed for television recording or reproducing on discs or both;

(b) facsimile equipment incorporating lasers such as used for commercial weather imagery and commercial wire photos and text;

(c) equipment using electron beams operating in a vacuum specially designed for television recording on film, using a signal registered with the International Radio Consultative Committee (CCIR) and having all of the following characteristics:

(i) pattern or image frame size not exceeding 3 mm × 2.3 mm;

(ii) pattern or image not exceeding 312.5 lines per frame;

(iii) beam spot position stability not better than 0.3 per cent;

(iv) 3 dB recording bandwidth not exceeding 4 MHz;

(see also the entry in Group 3F relating to lasers and laser systems);

(3) Graphic instruments capable of continuous direct recording of sinusoidal waves at frequencies exceeding 20 kHz .....A

(4) Specially designed recording media (tapes, drums, discs and matrices) for use with equipment specified in heads (1) to (3) above (inclusive) .....A
except

(a) video tapes, the following:—

(i) with a magnetic coating material consisting only of undoped gamma-ferric (iron) oxide with a rated intrinsic coercivity not exceeding 350 oersteds and having all of the following characteristics:

(a) designed for use in video recorders having a 3 dB recording bandwidth not exceeding 6 MHz;

(b) a tape width not exceeding 25.4 mm;

(c) a magnetic coating thickness not less than 10.2 micrometres (0.40 mil);

(d) a tape length not exceeding 1402 m;

(ii) with a magnetic coating material consisting only of chromium dioxide with a rated intrinsic coercivity not exceeding 650 oersteds and having all of the following characteristics:

(a) designed for use in video recorders having a 3dB recording bandwidth not exceeding 6 MHz;

(b) a tape width not exceeding 25.4 mm;

(c) a tape length not exceeding 548.6 m;

(iii) with a rated intrinsic coercivity not exceeding 750 oersteds and having all of the following characteristics:

(a) designed for use in video tape recorders having a 3 dB recording bandwidth not exceeding 6 MHz;

(b) a magnetic coating thickness not less than 2.54 micrometres (0.1 mil);

(c) a tape length not exceeding 548.6 m;

(d) a tape width not exceeding 19.05 mm;

(b) instrumentation tape for use in analogue recorders having a recording density not exceeding 5000 magnetic flux sine waves per 25.4 mm per track.

(c) computer tape designed for digital longitudinal recording and reproduction and having all of the following characteristics:

(i) a magnetic coating of a specified packing density of not more than 6250 bits per 25.4 mm (9042 flux changes per 25.4 mm) along the length of the tape;

(ii) a magnetic coating thickness not less than 8.13 micrometres (0.32 mil);

(iii) a tape width not exceeding 25.4 mm;

(iv) a tape length not exceeding 1097 m;

(d) computer tape in cassettes or cartridges designed for digital longitudinal recording and reproduction and having all of the following characteristics:

(i) a magnetic coating of a specified packing density of not more than 1600 bits per 25.4 mm (3200 flux changes per 25.4 mm) along the length of the tape;

(ii) a magnetic coating thickness not less than 4.32 micrometres (0.17 mil);

(iii) a tape width not exceeding 6.35 mm;

(iv) a tape length not exceeding 274.3 m;

On condition that the magnetic tape referred to in sub-heads 4*(a)* to *(d)* above (inclusive) is a standard commercial product that has been in quantity production for at least two years with a base material consisting only of polyester or cellulose acetate, and is not designed for use in satellite applications or in applications requiring a tape life exceeding 3000 passes.

(e) Computer flexible disc cartridges designed for digital recording and reproduction and having all of the following characteristics:

(i) a magnetic coating of a specified packing density of not more than 13262 flux changes per radian (3268 bits per 25.4 mm at a radius of 51.536 mm around the disc);

(ii) a magnetic coating thickness not less than 2.54 micrometres (0.1 mil);

(iii) a disc thickness not exceeding 80 micrometres (3.0 mil);

(iv) a disc outer diameter not exceeding 201 mm;

(v) a disc inner diameter of 38.1 mm.

(5) Specially designed parts and components for the equipment specified in heads (1) to (3) above (inclusive) .....A".

T. Muir,
An Assistant Secretary,
Department of Trade.

12th October 1982.

EXPLANATORY NOTE

(This Note is not part of the Order.)

This order amends the Export of Goods (Control) Order 1981 by making changes to Part II of Schedule 1 to that Order. It extends the scope of the control on devices for firing booby traps in Group 1 of Part II of the Schedule. In Group 2B (nuclear facilities, equipment and appliances) it extends the control over valves used in plants for the separation of isotopes, certain pressure gauges made from aluminium alloy, and sensing elements for pressure gauges. In Group 3G (scientific instruments and apparatus, servo-mechanisms and photographic equipment) it releases from control certain video magnetic tape and disc recorders specially designed for civil television recording or for use with medical equipment; certain analogue magnetic tape recorders specially designed for medical equipment; certain digital tape recorders specially designed for civil use and used for the collection of medical data; certain digital recording and reproducing equipment for use in typewriter systems; certain equipment using electron beams operating in a vacuum specially designed for television recording; and video, instrumentation and computer tape for use with such equipment and computer flexible disc cartridges designed for digital recording and reproduction. It also makes two minor corrections to entries in Groups 3F and 3G.

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