

SUMMARY

Supplement 2 to Part 744- List of ECCNs Subject to Part 744 Regulations

Effective 6/29/2020

1C990	Fibrous and filamentary materials, not controlled by 1C010 or 1C210, for use in "composite" structures and with a specific modulus of 3.18×10^6 m or greater and a specific tensile strength of 7.62×10^4 m or greater.
1C996	Limited to Hydraulic fluids containing synthetic hydrocarbon oils, having all the characteristics in the List of Items Controlled.
1D993	"Software" specially designed for the "development", "production", or "use" of equipment or materials controlled by 1C210.b, or 1C990.
1D999	Software controlled by 1D999.b for equipment controlled by 1B999.e that is specially designed for the production of prepregs controlled in Category 1, n.e.s.
1E994	Limited to "technology" for the "development", "production", or "use" of fibrous and filamentary materials other than glass, aramid or polyethylene controlled by 1C990.
2A290	Generators and other equipment "specially designed," prepared, or intended for use with nuclear plants.
2A291	Equipment, except items controlled by 2A290, related to nuclear material handling and processing and to nuclear reactors, and "parts" and "components" and "accessories" therefor.
2A991	Limited to bearings and bearing systems not controlled by 2A001 and with operating temperatures above 573 K (300 °C).
2B991	Limited to "numerically controlled" machine tools having "positioning accuracies", with all compensations available, less (better) than 9 μ m along any linear axis; and machine tools controlled under 2B991.d.1.a.
2B992	Non "numerically controlled" machine tools for generating optical quality surfaces, and specially designed components therefor.
2B996	Limited to dimensional inspection or measuring systems or equipment not controlled by 2B006 with measurement uncertainty equal to or less (better) than $(1.7 + L/1000)$ micrometers in any axes (L measured Length in mm).
2B999	Specific processing equipment, n.e.s., as follows (see List of Items Controlled). Includes: <ul style="list-style-type: none"> a. Isostatic presses, n.e.s.; b. Bellows manufacturing equipment, including hydraulic forming equipment and bellows forming dies; c. Laser welding machines; d. MIG welders; e. E-beam welders; f. Monel equipment, including valves, piping, tanks and vessels; g. 304 and 316 stainless steel valves, piping, tanks and vessels; Note: Fittings are considered part of "piping" for purposes of 2B999.g. h. Mining and drilling equipment, as follows: <ul style="list-style-type: none"> 1. Large boring equipment capable of drilling holes greater than two feet in diameter; 2. Large earth-moving equipment used in the mining industry; i. Electroplating equipment designed for coating parts with nickel or aluminum; j. Pumps designed for industrial service and for use with an electrical motor of 5 HP or greater; k. Vacuum valves, piping, flanges, gaskets and related equipment "specially designed" for use in high-vacuum service, n.e.s.; l. Spin forming and flow forming machines, n.e.s.; m. Centrifugal multiplane balancing machines, n.e.s.; n. Austenitic stainless steel plate, valves, piping, tanks and vessels.

2D290	"Software" "specially designed" or modified for the "development," "production," or "use" of items controlled by 2A290 or 2A291.
3A991	Electronic devices, and "components" not controlled by 3A001.
3A992	General purpose electronic equipment not controlled by 3A002.
3A999	Specific processing equipment, n.e.s., as follows (see List of Items Controlled). <ul style="list-style-type: none"> a. Frequency changers capable of operating in the frequency range from 300 up to 600 Hz, n.e.s; b. Mass spectrometers n.e.s; c. All flash x-ray machines, and "parts" or "components" of pulsed power systems designed thereof, including Marx generators, high power pulse shaping networks, high voltage capacitors, and triggers; d. Pulse amplifiers, n.e.s.; e. Electronic equipment for time delay generation or time interval measurement, as follows: <ul style="list-style-type: none"> a. Digital time delay generators with a resolution of 50 nanoseconds or less over time intervals of 1 microsecond or greater; or b. Multi-channel (three or more) or modular time interval meter and chronometry equipment with resolution of 50 nanoseconds or less over time intervals of 1 microsecond or greater; f. Chromatography and spectrometry analytical instruments.
3B991	Equipment not controlled by 3B001 for the manufacture of electronic "parts," "components" and materials, and "specially designed" "parts," "components" and "accessories" therefor.
3B992	Equipment not controlled by 3B002 for the inspection or testing of electronic "components" and materials, and "specially designed" "parts," "components" and "accessories" therefor.
3C992	Positive resists designed for semiconductor lithography specially adjusted (optimized) for use at wavelengths between 370 and 193 nm.
3D991	"Software" "specially designed" for the "development", "production", or "use" of electronic devices, "parts" or "components" controlled by 3A991, general purpose electronic equipment controlled by 3A992, or manufacturing and test equipment controlled by 3B991 and 3B992; or "software" "specially designed" for the "use" of equipment controlled by 3B001.g and .h.
3E991	Limited to "technology" according to the General Technology Note for the "development", "production", or "use" of digital oscilloscopes and transient recorders with sampling rates greater than 2.5 giga samples per second, which are controlled by 3A992.g.
4A994	Limited to computers not controlled by 4A001 or 4A003, with an Adjusted Peak Performance ("APP") exceeding 0.5 Weighted TeraFLOPS (WT).
4D993	"Program" proof and validation "software", "software" allowing the automatic generation of "source codes", and operating system "software" that are specially designed for real time processing equipment.
4D994	Limited to "software" specially designed or modified for the "development", "production", or "use" of equipment controlled by 4A101.
5A991	Limited to telecommunications equipment designed to operate outside the temperature range from 219K (-54 °C) to 397K (124 °C), which is controlled by 5A991.a., radio equipment using Quadrature-amplitude-modulation (QAM) techniques, which is controlled by 5A991.b.7., and phased array antennae, operating above 10.5 Ghz, except landing systems meeting ICAO standards (MLS), which are controlled by 5A991.f.
5A992	Equipment not controlled by 5A002 (see List of Items Controlled). <ul style="list-style-type: none"> c. Commodities classified as mass market encryption commodities in accordance with § 740.17(b) of the EAR.
5B991	Telecommunications test equipment, n.e.s.
5D991	Limited to "software" specially designed or modified for the "development", "production", or "use" of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f., or of "software" specially designed or modified for the "development", "production", or "use" of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f.

5E991	Limited to "technology" for the "development", "production" or "use" of equipment controlled by 5A991.a., 5A991.b.7., or 5A991.f., or of "software" specially designed or modified for the "development", "production", or "use" of equipment controlled by 5A991.a., 5A991.b.7., and 5A991.f.
5D992	"Information Security" "software" not controlled by 5D002 as follows (see List of Items Controlled). c. "Software" classified as mass market encryption software in accordance with g. § 740.17(b) of the EAR.
6A991	Marine or terrestrial acoustic equipment, n.e.s., capable of detecting or locating underwater objects or features or positioning surface vessels or underwater vehicles; and "specially designed" "parts" and "components," n.e.s.
6A993	Cameras, not controlled by 6A003 or 6A203 (see List of Items Controlled).
6A995	"Lasers", not controlled by 6A005 or 6A205.
6A996	"Magnetometers" not controlled by ECCN 6A006, "Superconductive" electromagnetic sensors, and "specially designed" "components" therefor, as follows (see List of Items Controlled).
6C992	Optical sensing fibers not controlled by 6A002.d.3 which are modified structurally to have a "beat length" of less than 500 mm (high birefringence) or optical sensor materials not described in 6C002.b and having a zinc content of equal to or more than 6% by "mole fraction."
7A994	Other navigation direction finding equipment, airborne communication equipment, all aircraft inertial navigation systems not controlled under 7A003 or 7A103, and other avionic equipment, including parts and components, n.e.s.
7B994	Other equipment for the test, inspection, or "production" of navigation and avionics equipment
7D994	"Software", n.e.s., for the "development", "production", or "use" of navigation, airborne communication and other avionics.
7E994	"Technology", n.e.s., for the "development", "production", or "use" of navigation, airborne communication, and other avionics equipment.
8A992	Vessels, marine systems or equipment, not controlled by 8A001 or 8A002 and "specially designed" "parts" and "components" therefor, and marine boilers and "parts," "components," "accessories," and "attachments" therefor (see List of Items Controlled).
8D992	"Software" specially designed or modified for the "development", "production" or "use" of equipment controlled by 8A992.
8E992	"Technology" for the "development", "production" or "use" of equipment controlled by 8A992.
9A991	"Aircraft", n.e.s., and gas turbine engines not controlled by 9A001 or 9A101 and "parts" and "components," n.e.s. (see List of Items Controlled).
9B990	Vibration test equipment and "specially designed" "parts" and "components," n.e.s.
9D991	"Software", for the "development" or "production" of equipment controlled by 9A991 or 9B991.
9E991	"Technology", for the "development", "production" or "use" of equipment controlled by 9A991 or 9B991.

References: 15 CFR 744 Supplement 2: (https://www.ecfr.gov/cgi-bin/text-idx?SID=9e3deefd279c64bbe7333544bafa1d86&mc=true&node=ap15.2.744_122.2&rgn=div9),
<https://www.bis.doc.gov/index.php/documents/pdfs/2566-2020-meu-faq/file>