

Singapore Customs

Amendments to Strategic  
Goods (Control) Order (SGCO)

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**Introduction**

As part of Singapore's international obligation to prevent the proliferation of weapons of mass destruction, Singapore Customs regularly updates our Strategic Goods Control List ("Control List") prescribed in the Schedule to the Strategic Goods (Control) Order (SGCO). In this regard, the Strategic Goods (Control) (Amendment) Order 2022 has been published and will take effect on 1 October 2022.

The Strategic Goods (Control) (Amendment) Order 2022 brings our Control List up to date with 2021 Wassenaar Arrangement Munition List ("WAML") and 2021 European Union List of Dual-Use Items ("EUDL").

This document presents the amendments to the SGCO 2021 in a table with side-by-side comparison of the legal text in the 2021 and 2022 versions.

## List of Military Goods

### Definitions

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
“deactivated firearm” (ML1)	“deactivated firearm” (ML1) means a firearm that has been made incapable of firing any projectile by processes. These processes permanently modify the essential elements of the firearm. Deactivation of the firearm may be attested by a certificate delivered by a competent authority of the country in which the firearm is deactivated and may be marked on the firearm by a stamp on an essential part;	-

### ML1

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
ML1 <i>Note d.</i>	<p>Smooth bore weapons with a calibre of less than 20 mm, other arms and automatic weapons with a calibre of 12.7 mm (calibre 0.5 inches) or less and accessories, as follows, and specially designed components therefor:</p> <p><u>Note</u> Category Code ML1 does not apply to the following: --- d. “Deactivated firearms”.</p>	<p>Smooth bore weapons with a calibre of less than 20 mm, other arms and automatic weapons with a calibre of 12.7 mm (calibre 0.5 inches) or less and accessories, as follows, and specially designed components therefor:</p> <p><u>Note</u> Category Code ML1 does not apply to the following: --- d. ‘Deactivated firearms’.</p> <p><u>Technical Note</u> A ‘deactivated firearm’ is a firearm that has been made incapable of firing any projectile by processes. These processes irreversibly modify the essential elements of the firearm. Deactivation of the firearm may be attested by a certificate delivered by a competent authority of the country in which the firearm is deactivated and may be marked on the firearm by a stamp on an essential part.</p>

<p>ML1.d. ML1.d.3.</p>	<p>Smooth bore weapons with a calibre of less than 20 mm, other arms and automatic weapons with a calibre of 12.7 mm (calibre 0.5 inches) or less and accessories, as follows, and specially designed components therefor:</p> <p>---</p> <p>d. Accessories designed for arms specified by Category Code ML1.a., ML1.b. or ML1.c., as follows:</p> <p>---</p> <p>3. Special gun-mountings;</p>	<p>Smooth bore weapons with a calibre of less than 20 mm, other arms and automatic weapons with a calibre of 12.7 mm (calibre 0.5 inches) or less and accessories, as follows, and specially designed components therefor:</p> <p>---</p> <p>d. Accessories designed for arms specified in Category Code ML1.a., ML1.b. or ML1.c., as follows:</p> <p>---</p> <p>3. 'Gun-mountings';</p> <p><i>Technical Note</i> For the purpose of Category Code ML1.d.3., a 'gun mounting' is a fixture designed to mount a gun onto a ground vehicle, "aircraft", vessel or structure.</p>
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**ML10**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
<p>ML10.f.</p>	<p>"Aircraft", "lighter than air vehicles", "unmanned aerial vehicles" ("UAVs"), aero engines and "aircraft" equipment, related equipment and components, as follows, specially designed or modified for military use:</p> <p>---</p> <p>f. 'Ground equipment' specially designed for "aircraft" specified in Category Code ML10.a. or aero engines specified in Category Code ML10.d.;</p> <p><i>Technical Note</i> 'Ground equipment' includes pressure refuelling equipment and equipment designed to facilitate operations in confined areas.</p>	<p>"Aircraft", "lighter than air vehicles", "unmanned aerial vehicles" ("UAVs"), aero engines and "aircraft" equipment, related equipment and components, as follows, specially designed or modified for military use:</p> <p>---</p> <p>f. Ground equipment specially designed for "aircraft" specified in Category Code ML10.a. or aero engines specified in Category Code ML10.d.;</p> <p><i>Note</i> Category Code ML10.f. includes pressure refuelling equipment and equipment designed to facilitate operations in confined areas, including equipment located on board a ship.</p>

**ML13**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
ML13 ML13.c.	<p>Armoured or protective equipment, constructions and components, as follows:</p> <p>---</p> <p>c. Helmets manufactured according to military standards or specifications, or comparable national standards, and specially designed helmet shells, liners, or comfort pads, therefor;</p> <p><u>N.B.</u> <i>For other military helmet components or accessories, see the relevant Category Code in this Division.</i></p>	<p>Armoured or protective equipment, constructions, components and accessories, as follows:</p> <p>---</p> <p>c. Helmets and specially designed components and accessories therefor, as follows:</p> <ol style="list-style-type: none"> <li>1. Helmets manufactured according to military standards or specifications, or comparable national standards;</li> <li>2. Shells, liners, or comfort pads, specially designed for helmets specified in Category Code ML13.c.1.;</li> <li>3. Add-on ballistic protection elements, specially designed for helmets specified in Category Code ML13.c.1.;</li> </ol> <p><u>N.B.</u> <i>For other military helmet components or accessories, see the relevant Category Code in this Division.</i></p>
ML13 Note 2	<p>Armoured or protective equipment, constructions and components, as follows:</p> <p>---</p> <p><u>Note 2</u> <i>Category Code ML13.c. does not apply to conventional steel helmets, neither modified or designed to accept, nor equipped with any type of accessory device.</i></p>	<p>Armoured or protective equipment, constructions, components and accessories, as follows:</p> <p>---</p> <p><u>Note 2</u> <i>Category Code ML13.c. does not apply to helmets that meet all of the following:</i></p> <ol style="list-style-type: none"> <li>a. <i>Were first manufactured before 1970; and</i></li> <li>b. <i>Are neither designed or modified to accept, nor equipped with items specified in this Division.</i></li> </ol>

**ML18**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
ML18.b.	<p>'Production' equipment, environmental test facilities and components, as follows:</p> <p>---</p> <p>b. Specially designed environmental test facilities and specially designed equipment therefor, for the certification, qualification or testing of products specified in this Division.</p>	<p>'Production' equipment, environmental test facilities and components, as follows:</p> <p>---</p> <p>b. Specially designed environmental test facilities and specially designed equipment therefor, not specified elsewhere, for the certification, qualification or testing of products specified in this Division.</p>

**ML21**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
ML21.c. <i>N.B.</i>	<p>"Software" as follows:</p> <p>---</p> <p>c. "Software", not specified in Category Code ML21.a. or ML21.b., specially designed or modified to enable equipment not specified in this Division to perform the military functions of equipment specified in this Division.</p> <p><u><i>N.B.</i></u> <i>See systems, equipment or components specified in this Division for general purpose "digital computers" with installed "software" specified by Category Code ML21.c.</i></p>	<p>"Software" as follows:</p> <p>---</p> <p>c. "Software", not specified in Category Code ML21.a. or ML21.b., specially designed or modified to enable equipment not specified in this Division to perform the military functions of equipment specified in this Division.</p> <p><u><i>N.B.</i></u> <i>See systems, equipment or components specified in this Division for general purpose "digital computers" with installed "software" specified in Category Code ML21.c.</i></p>



**ML22**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
ML22.b.3. <i>N.B.</i> ML22.b.4. <i>N.B.</i>	<p>“Technology” as follows:</p> <p>---</p> <p>b. “Technology” as follows:</p> <p>---</p> <p>3. Not used;  <u><i>N.B.</i></u>  <i>See Category Code ML22.a. for “technology” previously specified by Category Code ML22.b.3.</i></p> <p>4. Not used;  <u><i>N.B.</i></u>  <i>See Category Code ML22.a. for “technology” previously specified by Category Code ML22.b.4.</i></p>	<p>“Technology” as follows:</p> <p>---</p> <p>b. “Technology” as follows:</p> <p>---</p> <p>3. Not used;  <u><i>N.B.</i></u>  <i>See Category Code ML22.a. for “technology” previously specified in Category Code ML22.b.3.</i></p> <p>4. Not used;  <u><i>N.B.</i></u>  <i>See Category Code ML22.a. for “technology” previously specified in Category Code ML22.b.4.</i></p>

**List of Dual-Use Goods****Subdivision**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
Subdivision 4 <i>Note</i>	<p>7. Category 0 of Division 2 does not include “software” which is the minimum necessary “object code” for the installation, operation, maintenance (checking) or repair of those items whose export has been authorised.</p> <p><i>Note</i> <i>Paragraph 7 does not extend to “software” specified in Category 5 — Part 2 (“Information Security”).</i></p>	<p>7. Category 0 of Division 2 does not include “software” which is the minimum necessary “object code” for the installation, operation, maintenance (checking) or repair of those items whose export has been authorised.</p> <p><i>Note</i> <i>Paragraph 7 does not extend to “software” specified in Category 5, Part 2 (“Information Security”).</i></p>
Subdivision 5 <i>Note</i>	<p>8. Categories 1 to 9 of Division 2 do not include “software” which is either of the following:</p> <p>---</p> <p><i>Note</i> <i>Paragraph 8 does not extend to “software” specified in Category 5 — Part 2 (“Information Security”).</i></p>	<p>8. Categories 1 to 9 of Division 2 do not include “software” which is either of the following:</p> <p>---</p> <p><i>Note</i> <i>Paragraph 8 does not extend to “software” specified in Category 5, Part 2 (“Information Security”).</i></p>
Subdivision 6	<p>9. “Information security” items or functions, even if they are components, “software” or functions of other items, are treated as coming within Category 5 — Part 2.</p>	<p>9. “Information security” items or functions, even if they are components, “software” or functions of other items, are treated as coming within Category 5, Part 2.</p>

**Definitions**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
“superalloys” (Categories 2, 9)	“superalloys” (Categories 2, 9) means nickel-, cobalt- or iron base alloys having a stress rupture life greater than 1,000 hours at 400 MPa at 922 K (649 °C) or higher;	“superalloys” (Categories 2, 9) means nickel-, cobalt- or iron base alloys having a stress rupture life greater than 1,000 hours at 400 MPa and an ultimate tensile strength greater than 850 MPa, at 922 K (649 °C) or higher;
rms	rms            Root Mean Square	rms            root mean square
UV	UPR            Unidirectional Positioning Repeatability UV              Ultraviolet UTS            Ultimate Tensile Strength	UPR            Unidirectional Positioning Repeatability UTS            Ultimate Tensile Strength UV              Ultraviolet

**Category 1****1C007**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
1C007 <i>Technical Note</i>	<p>Ceramic powders, ceramic-“matrix” “composite” materials and ‘precursor materials’, as follows:</p> <p>---</p> <p>e. ‘Precursor materials’ specially designed for the “production” of materials specified in Category Code 1C007.c., as follows:</p> <p>---</p> <p><u>Technical Note</u>  <i>For the purpose of Category Code 1C007, ‘precursor materials’ are special purpose polymeric or metallo organic materials used for the “production” of silicon carbide, silicon nitride, or ceramics with silicon, carbon and nitrogen.</i></p> <p>f. Not used.</p>	<p>Ceramic powders, ceramic-“matrix” “composite” materials and ‘precursor materials’, as follows:</p> <p>---</p> <p>e. ‘Precursor materials’ specially designed for the “production” of materials specified in Category Code 1C007.c., as follows:</p> <p>---</p> <p>f. Not used.</p> <p><u>Technical Note</u>  <i>For the purpose of Category Code 1C007, ‘precursor materials’ are special purpose polymeric or metallo organic materials used for the “production” of silicon carbide, silicon nitride, or ceramics with silicon, carbon and nitrogen.</i></p>

**1C010**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
1C010.e. <i>Note 2.b.</i>	<p>“Fibrous or filamentary materials”, as follows:</p> <p>---</p> <p>e. Fully or partially resin-impregnated or pitch-impregnated “fibrous or filamentary materials” (prepregs), metal or carbon-coated “fibrous or filamentary materials” (preforms) or ‘carbon fibre preforms’, having both of the following characteristics:</p> <p>---</p> <p><u>Note 2</u> Category Code 1C010.e. does not include:</p> <p>---</p> <p>b. Fully or partially resin-impregnated or pitch-impregnated mechanically chopped, milled or cut carbon “fibrous or filamentary materials” 25 mm or less in length when using a resin or pitch other than those specified by Category Code 1C008 or 1C009.b.</p>	<p>“Fibrous or filamentary materials”, as follows:</p> <p>---</p> <p>e. Fully or partially resin-impregnated or pitch-impregnated “fibrous or filamentary materials” (prepregs), metal or carbon-coated “fibrous or filamentary materials” (preforms) or ‘carbon fibre preforms’, having both of the following characteristics:</p> <p>---</p> <p><u>Note 2</u> Category Code 1C010.e. does not include:</p> <p>---</p> <p>b. Fully or partially resin-impregnated or pitch-impregnated mechanically chopped, milled or cut carbon “fibrous or filamentary materials” 25 mm or less in length when using a resin or pitch other than those specified in Category Code 1C008 or 1C009.b.</p>

**1C351**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
1C351.a.4.b.	<p>Human and animal pathogens and “toxins”, as follows:</p> <p>a. Viruses, whether natural, enhanced or modified, either in the form of “isolated live cultures” or as material including living material which has been deliberately inoculated or contaminated with such cultures, as follows:</p> <p>---</p> <p>4. Avian influenza virus, which are:</p> <p>---</p> <p>b. Defined in Annex I(2) EC Directive 2005/94/EC (O.J. L.10 14.1.2006 p. 16) as having high pathogenicity, as follows:</p>	<p>Human and animal pathogens and “toxins”, as follows:</p> <p>a. Viruses, whether natural, enhanced or modified, either in the form of “isolated live cultures” or as material including living material which has been deliberately inoculated or contaminated with such cultures, as follows:</p> <p>---</p> <p>4. Avian influenza virus, which are:</p> <p>---</p> <p>b. Defined in Annex I(2) EC Directive 2005/94/EC (OJ L 10, 14.1.2006 p. 16) as having high pathogenicity, as follows:</p>

**Category 2****2B006**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
- 2B006.b.1. - 2B006.b.3.b.	Dimensional inspection or measuring systems, equipment, position feedback units and “electronic assemblies”, as follows: --- b. Linear displacement measuring instruments or systems, linear position feedback units, and “electronic assemblies”, as follows: --- 1. ‘Non-contact type measuring systems’ with a “resolution” equal to or less (better) than 0.2 µm within 0 to 0.2 mm of the ‘measuring range’; --- 3. Measuring systems having all of the following characteristics: --- b. A “resolution” over their full scale of 0.2 nm or less (better); <u>and</u>	Dimensional inspection or measuring systems, equipment, position feedback units and “electronic assemblies”, as follows: --- b. Linear displacement measuring instruments or systems, linear position feedback units, and “electronic assemblies”, as follows: --- 1. ‘Non-contact type measuring systems’ with a resolution equal to or less (better) than 0.2 µm within 0 to 0.2 mm of the ‘measuring range’; --- 3. Measuring systems having all of the following characteristics: --- b. A resolution over their full scale of 0.2 nm or less (better); <u>and</u>

**2B206**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
2B206.c.2.a.	<p>Dimensional inspection machines, instruments or systems, other than those specified in Category Code 2B006, as follows:</p> <p>---</p> <p>c. 'Linear displacement' measuring systems having both of the following characteristics:</p> <p>---</p> <p>2. Capable of maintaining, for at least 12 hours, at a temperature of <math>\pm 1</math> K (<math>\pm 1</math> °C), around a standard temperature and standard pressure, both of the following:</p> <p>a. A "resolution" over their full scale of 0.1 <math>\mu\text{m}</math> or better; <u>and</u></p>	<p>Dimensional inspection machines, instruments or systems, other than those specified in Category Code 2B006, as follows:</p> <p>---</p> <p>c. 'Linear displacement' measuring systems having both of the following characteristics:</p> <p>---</p> <p>2. Capable of maintaining, for at least 12 hours, at a temperature of <math>\pm 1</math> K (<math>\pm 1</math> °C), around a standard temperature and standard pressure, both of the following:</p> <p>a. A resolution over their full scale of 0.1 <math>\mu\text{m}</math> or better; <u>and</u></p>

**2B352**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
2B352.a.1.	<p>Biological manufacturing and handling equipment, as follows:</p> <p>a. Containment facilities and related equipment, as follows:</p> <p>1. Complete containment facilities that meet the criteria for P3 or P4 (BL3, BL4, L3, L4) containment as specified in the WHO Laboratory Biosafety Manual (3<sup>rd</sup> edition Geneva, 2004);</p>	<p>Biological manufacturing and handling equipment, as follows:</p> <p>a. Containment facilities and related equipment, as follows:</p> <p>1. Complete containment facilities that meet the criteria for P3 or P4 (BL3, BL4, L3, L4) containment as specified in the WHO Laboratory Biosafety Manual (3<sup>rd</sup> edition, Geneva, 2004);</p>



<p>2B352.f.2. <i>Note 2 &amp; Note 3</i></p>	<p>Biological manufacturing and handling equipment, as follows:          ---          f. Protective and containment equipment, as follows:          ---          2. Biocontainment chambers, isolators, or biological safety cabinets having all of the following characteristics, for normal operation:          ---          d. Supply and exhaust air to and from the workspace is HEPA filtered;          ---  <u>Note 2</u>  <i>Category Code 2B352.f.2. does not include isolators specially designed for barrier nursing or transportation of infected patients.</i></p>	<p>Biological manufacturing and handling equipment, as follows:          ---          f. Protective and containment equipment, as follows:          ---          2. Biocontainment chambers, isolators, or biological safety cabinets having all of the following characteristics, for normal operation:          ---          d. Supply and exhaust air to and from the workspace is HEPA filtered;          ---  <u>Note 2</u>  <i>Category Code 2B352.f.2. includes any isolator meeting all of the above-mentioned characteristics, regardless of its intended use and its designation.</i>  <u>Note 3</u>  <i>Category Code 2B352.f.2. does not include isolators specially designed for barrier nursing or transportation of infected patients.</i></p>
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**2D001**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
2D001.a.	<p>“Software”, other than that specified in Category Code 2D002, as follows:            a. “Software” specially designed or modified for the “development” or “production” of equipment specified in Category Code 2A001 or 2B001;</p>	<p>“Software”, other than that specified in Category Code 2D002, as follows:            a. “Software” specially designed or modified for the “development” or “production” of equipment specified in Category Code 2A001 or 2B001 to 2B009;</p>

**Category 3****3A228**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
3A228.a. <i>Note</i>	Switching devices, as follows: a. Cold cathode tubes, whether gas filled or not, operating similarly to a spark gap, having all of the following characteristics: --- <u>Note</u> <i>Category Code 3A228 includes gas krytron tubes and vacuum sprytron tubes.</i>	Switching devices, as follows: a. Cold cathode tubes, whether gas filled or not, operating similarly to a spark gap, having all of the following characteristics: --- <u>Note</u> <i>Category Code 3A228.a. includes gas krytron tubes and vacuum sprytron tubes.</i>

**Category 4****Cat 4 Note**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
Cat 4 Note 1 & Note 2	<p><u>Note 1</u> Computers, related equipment and “software” performing telecommunications or “local area network” functions with the performance characteristics in Category 5 – Part 1 (Telecommunications) are also treated as coming within that Category.</p> <p><u>Note 2</u> Control units which directly interconnect the buses or channels of Central Processing Units (CPUs), ‘main storage’ or disk controllers are not regarded as telecommunications equipment described in Category 5 – Part 1 (Telecommunications).</p>	<p><u>Note 1</u> Computers, related equipment and “software” performing telecommunications or “local area network” functions with the performance characteristics in Category 5, Part 1 (Telecommunications) are also treated as coming within that Category.</p> <p><u>Note 2</u> Control units which directly interconnect the buses or channels of Central Processing Units (CPUs), ‘main storage’ or disk controllers are not regarded as telecommunications equipment described in Category 5, Part 1 (Telecommunications).</p>

**4A003**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
4A003 <i>Note 2.b.</i> <i>N.B. 2</i>	<p>“Digital computers”, “electronic assemblies”, and related equipment therefor, as follows, and specially designed components therefor:</p> <p>---</p> <p><u>Note 2</u>  <i>The control status of the “digital computers” and related equipment described in Category Code 4A003 is determined by the control status of other equipment or systems provided:</i></p> <p>---</p> <p>b. <i>The “digital computers” or related equipment are not a “principal element” of the other equipment or systems; <u>and</u></i></p> <p>---</p> <p><u>N.B. 2</u>  <i>For the control status of “digital computers” or related equipment for telecommunications equipment, see Category 5 – Part 1 (Telecommunications).</i></p>	<p>“Digital computers”, “electronic assemblies”, and related equipment therefor, as follows, and specially designed components therefor:</p> <p>---</p> <p><u>Note 2</u>  <i>The control status of the “digital computers” and related equipment described in Category Code 4A003 is determined by the control status of other equipment or systems provided:</i></p> <p>---</p> <p>b. <i>The “digital computers” or related equipment are not a “principal element” of the other equipment or systems; <u>and</u></i></p> <p>---</p> <p><u>N.B. 2</u>  <i>For the control status of “digital computers” or related equipment for telecommunications equipment, see Category 5, Part 1 (Telecommunications).</i></p>

**Category 5, Part 1****Cat 5, Part 1 Note**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
Cat 5, Part 1 <i>Note 1</i>	<i>Note 1</i> <i>Category 5 – Part 1 concerns components, test and “production” equipment and “software”, therefor which are specially designed for telecommunications equipment or systems.</i>	<i>Note 1</i> <i>Category 5, Part 1 concerns components, test and “production” equipment and “software”, therefor which are specially designed for telecommunications equipment or systems.</i>

**5A001**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
5A001.a.3.	Telecommunications systems, equipment, components and accessories, as follows: a. Any type of telecommunications equipment having any of the following characteristics, functions or features: --- 3. Specially designed to operate below 218 K (-55 °C) ; <u>or</u>	Telecommunications systems, equipment, components and accessories, as follows: a. Any type of telecommunications equipment having any of the following characteristics, functions or features: --- 3. Specially designed to operate below 218 K (-55 °C); <u>or</u>

**Category 5, Part 2****Cat 5, Part 2 Note**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
Cat 5, Part 2 Note 2	<u>Note 2</u> <i>Category 5 – Part 2 does not include products when accompanying their user for the user’s personal use.</i>	<u>Note 2</u> <i>Category 5, Part 2 does not include products when accompanying their user for the user’s personal use.</i>

**5A002**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
5A002.a.4.b.	<p>“Information security” systems, equipment and components, as follows:</p> <p>---</p> <p>a. Designed or modified to use ‘cryptography for data confidentiality’ having a ‘described security algorithm’, where that cryptographic capability is usable, has been activated, or can be activated by any means other than secure “cryptographic activation”, as follows:</p> <p>---</p> <p>4. Items, not specified in Category Codes 5A002.a.1. to 5A002.a.3., where the ‘cryptography for data confidentiality’ having a ‘described security algorithm’ has both of the following characteristics:</p> <p>---</p> <p>b. It is performed by incorporated equipment or “software” that would, as a standalone item, be specified in Category 5 – Part 2;</p>	<p>“Information security” systems, equipment and components, as follows:</p> <p>---</p> <p>a. Designed or modified to use ‘cryptography for data confidentiality’ having a ‘described security algorithm’, where that cryptographic capability is usable, has been activated, or can be activated by any means other than secure “cryptographic activation”, as follows:</p> <p>---</p> <p>4. Items, not specified in Category Codes 5A002.a.1. to 5A002.a.3., where the ‘cryptography for data confidentiality’ having a ‘described security algorithm’ has both of the following characteristics:</p> <p>---</p> <p>b. It is performed by incorporated equipment or “software” that would, as a standalone item, be specified in Category 5, Part 2;</p>

<p>5A002.a. <i>Note 2.e., Note 2.g. &amp; Note 2.i.2.a.</i></p>	<p>“Information security” systems, equipment and components, as follows:</p> <p>---</p> <p>a. Designed or modified to use ‘cryptography for data confidentiality’ having a ‘described security algorithm’, where that cryptographic capability is usable, has been activated, or can be activated by any means other than secure “cryptographic activation”, as follows:</p> <p>---</p> <p><i>Note 2</i>  <i>Category Code 5A002.a. does not include any of the following items, or specially designed “information security” components therefor:</i></p> <p>---</p> <p>e. <i>Portable or mobile radiotelephones and similar client wireless devices for civil use, that implement only published or commercial cryptographic standards (except for anti-piracy functions, which may be non-published) and also meet the provisions of paragraphs a.2. and a.3. of the Cryptography Note (Note 3 in Category 5 – Part 2), that have been customised for a specific civil industry application with features that do not affect the cryptographic functionality of these original non customised devices;</i></p> <p>---</p> <p>g. <i>Mobile telecommunications Radio Access Network (RAN) equipment designed for civil use, which also meet the provisions of paragraphs a.2. and a.3. of the Cryptography Note (Note 3 to Category 5 – Part 2), having an RF output power limited to 0.1 W (20 dBm) or less, and supporting 16 or fewer concurrent users;</i></p> <p>---</p>	<p>“Information security” systems, equipment and components, as follows:</p> <p>---</p> <p>a. Designed or modified to use ‘cryptography for data confidentiality’ having a ‘described security algorithm’, where that cryptographic capability is usable, has been activated, or can be activated by any means other than secure “cryptographic activation”, as follows:</p> <p>---</p> <p><i>Note 2</i>  <i>Category Code 5A002.a. does not include any of the following items, or specially designed “information security” components therefor:</i></p> <p>---</p> <p>e. <i>Portable or mobile radiotelephones and similar client wireless devices for civil use, that implement only published or commercial cryptographic standards (except for anti-piracy functions, which may be non-published) and also meet the provisions of paragraphs a.2. and a.3. of the Cryptography Note (Note 3 in Category 5, Part 2), that have been customised for a specific civil industry application with features that do not affect the cryptographic functionality of these original non customised devices;</i></p> <p>---</p> <p>g. <i>Mobile telecommunications Radio Access Network (RAN) equipment designed for civil use, which also meet the provisions of paragraphs a.2. and a.3. of the Cryptography Note (Note 3 to Category 5, Part 2), having an RF output power limited to 0.1 W (20 dBm) or less, and supporting 16 or fewer concurrent users;</i></p> <p>---</p>
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	<p>i. <i>General purpose computing equipment or servers, where the “information security” functionality meets both of the following:</i></p> <p>---</p> <p>2. <i>Is any of the following:</i></p> <p>a. <i>Integral to a CPU that meets the provisions of Note 3 to Category 5 – Part 2;</i></p>	<p>i. <i>General purpose computing equipment or servers, where the “information security” functionality meets both of the following:</i></p> <p>---</p> <p>2. <i>Is any of the following:</i></p> <p>a. <i>Integral to a CPU that meets the provisions of Note 3 to Category 5, Part 2;</i></p>
5A002.b. <i>Technical Note</i>	<p>“Information security” systems, equipment and components, as follows:</p> <p>---</p> <p>b. Being a ‘cryptographic activation token’;</p> <p><u>Technical Note</u>  <i>A ‘cryptographic activation token’ is an item designed or modified for either of the following:</i></p> <p>1. <i>Converting, by means of “cryptographic activation”, an item not specified in Category 5 – Part 2 into an item specified in Category Code 5A002.a. or 5D002.c.1., and not excluded by the Cryptography Note (Note 3 in Category 5 – Part 2); <u>or</u></i></p> <p>2. <i>Enabling, by means of “cryptographic activation”, additional functionality specified in Category Code 5A002.a. of an item already specified in Category 5 – Part 2.</i></p>	<p>“Information security” systems, equipment and components, as follows:</p> <p>---</p> <p>b. Being a ‘cryptographic activation token’;</p> <p><u>Technical Note</u>  <i>A ‘cryptographic activation token’ is an item designed or modified for either of the following:</i></p> <p>1. <i>Converting, by means of “cryptographic activation”, an item not specified in Category 5, Part 2 into an item specified in Category Code 5A002.a. or 5D002.c.1., and not excluded by the Cryptography Note (Note 3 in Category 5, Part 2); <u>or</u></i></p> <p>2. <i>Enabling, by means of “cryptographic activation”, additional functionality specified in Category Code 5A002.a. of an item already specified in Category 5, Part 2.</i></p>



**5E002**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
5E002 Note	<p>“Technology” as follows:</p> <p>---</p> <p><u>Note</u>  <i>Category Code 5E002 includes “information security” technical data resulting from procedures carried out to evaluate or determine the implementation of functions, features or techniques specified in Category 5 – Part 2.</i></p>	<p>“Technology” as follows:</p> <p>---</p> <p><u>Note</u>  <i>Category Code 5E002 includes “information security” technical data resulting from procedures carried out to evaluate or determine the implementation of functions, features or techniques specified in Category 5, Part 2.</i></p>

**Category 6****6A001**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
6A001.a.1.c. <i>Note 1</i>	<p>Acoustic systems, equipment and components, as follows:</p> <p>a. Marine acoustic systems, equipment and specially designed components therefor, as follows:</p> <p>1. Active (transmitting or transmitting-and-receiving) systems, equipment and specially designed components therefor, as follows:</p> <p>---</p> <p>c. Acoustic projectors (including transducers), incorporating piezoelectric, magnetostrictive, electrostrictive, electrodynamic or hydraulic elements operating individually or in a designed combination, and having any of the following characteristics:</p> <p><u>Note 1</u>  <i>Whether acoustic projectors (including transducers), which are not specified by Category Code 6A001 and which are specially designed for other equipment, is included in Category Code 6A001.c. is determined by whether the other equipment is specified in Division 2 of Part 2 of this Schedule.</i></p>	<p>Acoustic systems, equipment and components, as follows:</p> <p>a. Marine acoustic systems, equipment and specially designed components therefor, as follows:</p> <p>1. Active (transmitting or transmitting-and-receiving) systems, equipment and specially designed components therefor, as follows:</p> <p>---</p> <p>c. Acoustic projectors (including transducers), incorporating piezoelectric, magnetostrictive, electrostrictive, electrodynamic or hydraulic elements operating individually or in a designed combination, and having any of the following characteristics:</p> <p><u>Note 1</u>  <i>Whether acoustic projectors (including transducers), which are not specified in Category Code 6A001 and which are specially designed for other equipment, is included in Category Code 6A001.c. is determined by whether the other equipment is specified in Division 2 of Part 2 of this Schedule.</i></p>

**6A005**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
6A005 <i>Note 6</i>	<p>“Lasers”, other than those specified in Category Code 0B001.g.5. or 0B001.h.6., components and optical equipment, as follows:</p> <p>---</p> <p><u>Note 6</u>  <i>For the purpose of Category Codes 6A005.a. and 6A005.b., ‘single transverse mode’ refers to “lasers” with a beam profile having an <math>M^2</math>-factor of less than 1.3, while ‘multiple transverse mode’ refers to “lasers” with a beam profile having an <math>M^2</math>-factor of 1.3 or higher.</i></p>	<p>“Lasers”, other than those specified in Category Code 0B001.g.5. or 0B001.h.6., components and optical equipment, as follows:</p> <p>---</p> <p><u>Note 6</u>  <i>For the purposes of Category Codes 6A005.a. and 6A005.b., ‘single transverse mode’ refers to “lasers” with a beam profile having an <math>M^2</math>-factor of less than 1.3, while ‘multiple transverse mode’ refers to “lasers” with a beam profile having an <math>M^2</math>-factor of 1.3 or higher.</i></p>

**Category 8****8A002**

Category Code	SGCO 2021	Strategic Goods (Control) (Amendment) Order 2022
8A002 <i>N.B.</i>	Marine systems, equipment and components, as follows: <u><i>N.B.</i></u> <i>For underwater communications systems, see Category 5 – Part 1 – (Telecommunications).</i>	Marine systems, equipment and components, as follows: <u><i>N.B.</i></u> <i>For underwater communications systems, see Category 5, Part 1 (Telecommunications).</i>

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