

Amendments to the Strategic Goods Control List



Tariffs & Trade Services Branch

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CONTENT

- Background
- Amendments to the Strategic Goods Control List
- Consequential amendments to the SGCR and SGBCO
- Q&A Session



BACKGROUND



Strategic Goods (Control) Order

List of Military Goods



Wassenaar Arrangement Munitions List

List of Dual-Use Goods



EU Dual-Use List

Missile Technology Control Regime

Australia Group

Nuclear Suppliers Group

Wassenaar Arrangement



LIST OF MILITARY GOODS

- Divided into [22 main categories](#), from arms and explosives, to software and technology
- Contains mainly items, equipment and components that are [specially designed for military use](#)
- Includes software, technology and production equipment [specially designed](#) for any item that is on the list



LIST OF MILITARY GOODS

22 Categories

ML1	Small-Calibre Arms
ML2	Large-Calibre Weapons & Projectors
ML3	Ammunition & Fuse Setting Devices
ML4	Bombs, Missiles, Other Explosive Devices and Related Equipment
ML5	Fire Control & Related Alerting and Warning Equipment
ML6	Ground Vehicles & Components
ML7	Chemical or Biological Toxic Agents and Related Equipment
ML8	Explosives, Propellants, Fuels and Related Substances
ML9	Naval Vessels & Components
ML10	Military Aircraft & Components
ML11	Electronic Equipment for Military Use



LIST OF MILITARY GOODS

ML12	High Velocity Kinetic Energy Weapons
ML13	Armoured or Protective Equipment
ML14	Specialised equipment for military training
ML15	Imaging or Countermeasure Equipment
ML16	Unfinished products for use in military items
ML17	Miscellaneous equipment and materials
ML18	Production equipment for military items
ML19	Directed energy weapon systems
ML20	Cryogenic and “superconductive” equipment
ML21	Specific software for military items
ML22	Specific technology for military items



LIST OF DUAL-USE GOODS

- Divided into 10 categories
- Contains goods that are designed for commercial applications but can have military applications or be used as precursors or components of WMD



DUAL-USE GOODS LIST

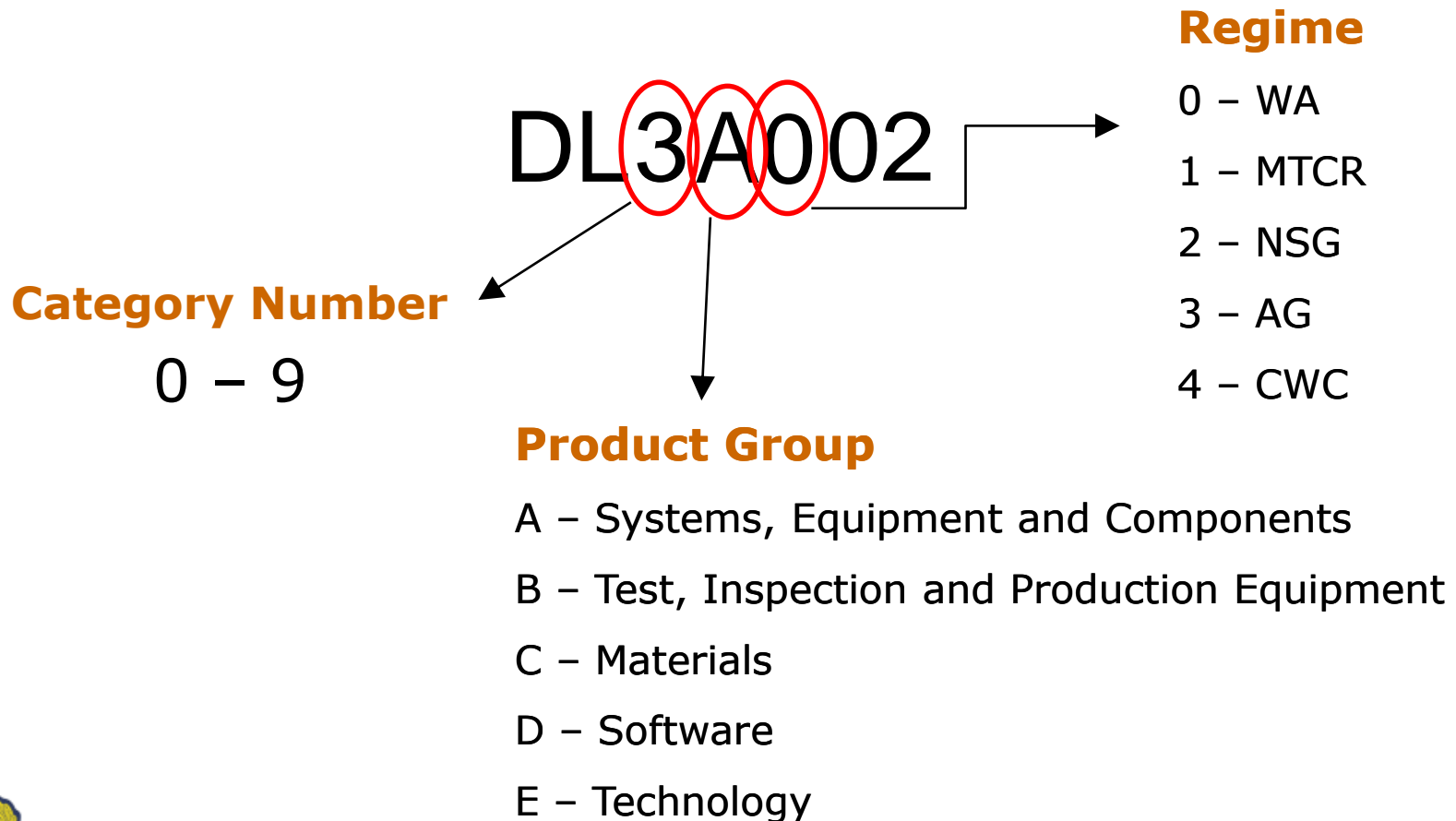
10 Categories

Category 0	Nuclear Materials, Facilities & Equipment
Category 1	Special Materials and Related Equipment
Category 2	Materials Processing
Category 3	Electronics
Category 4	Computers
Category 5	Part 1 - Telecommunications
	Part 2 - "Information Security"
Category 6	Sensors and Lasers
Category 7	Navigation and Avionics
Category 8	Marine
Category 9	Aerospace and Propulsion



DUAL-USE GOODS LIST

5-digit alphanumeric code



KEY CHANGES TO CONTROL LIST



KEY CHANGES

- Clarification of controls
- Add/Expand controls
- Relaxation of controls
- Removal of controls
- New definitions



LIST OF MILITARY GOODS



KEY CHANGES TO LIST OF MILITARY GOODS

- Definition deleted
 - “Adapted for use in war” [ML 7]
- New definition
 - “Biological agents” [ML 7]
- Add Control
 - FTDO (5,6-(3',4'-furazano)- 1,2,3,4-tetrazine-1,3-dioxide) [ML 8.a.41.]
 - ‘Reactive materials’ powders and shapes [ML 8.h.]



LIST OF DUAL-USE GOODS



DEFINITION

- New Definition
 - *General “Information Security” Note (GISN)* [Subdivision 5]
- Definition amended for clarity
 - “frequency switching time” (Category 3)
 - “laser” (Categories 0, 1, 2, 3, 5, 6, 7, 8, 9)
- Definition deleted
 - “optical amplification” (Category 5)



CATEGORY 1 - SPECIAL MATERIALS AND RELATED EQUIPMENT

- Add Controls
 - Diethylamine [1C350.64.]
 - SARS–related coronavirus [1C351.a.57.]
 - Reconstructed 1918 influenza virus [1C351.a.58.]



CATEGORY 1 - SPECIAL MATERIALS AND RELATED EQUIPMENT

- Remove Controls
 - Piezoelectric polymers and copolymers [1A001.b.]
 - Seals, gaskets, valve seats, bladders or diaphragms [1A001.c.]
 - Hydraulic fluids [1C006.a.]
 - Copolymers of vinylidene fluoride [1C009.a.]
 - “Technology” for the “development” or “production” of equipment or materials specified in 1A001.b. and 1A001.c. [1E001]



CATEGORY 2 - MATERIALS PROCESSING

- Add/ Expand Controls
 - ‘Linear displacement’ measuring systems [2B206.c.]
 - Steam, gas or vapour sterilisable freeze drying equipment [2B352.e.]
 - Containment equipment [2B352.f.2.]
 - Aerosol inhalation equipment [2B352.g.]



CATEGORY 2 - MATERIALS PROCESSING

- Relax Controls
 - Machine tools for turning [2B001.a. and 2B001.a. Note 2]
 - Machine tools for milling [2B001.b.1. and b.2.]
 - Isolators [2B352.f.2. Note 2]



CATEGORY 3 - ELECTRONICS

- Add/Expand Controls
 - “Electronic assemblies”, modules, or equipment performing analogue-to-digital conversions previously specified in 4A003.e. [3A002.h.]
 - Lithography equipment previously specified in 3B001.f.3. [3B001.f.4.]
 - “Software” specially designed for the “development” or “production” of equipment specified in 3A002.h. [3D001]



CATEGORY 3 - ELECTRONICS

- Relax Controls
 - Analogue-to-Digital Converter (ADC) and Digital-to-Analogue Converter (DAC) integrated circuits [3A001.a.5.a.]
 - High energy devices [3A001.e.1.b.]
 - Automatic loading multi-chamber central wafer handling systems [3B001.e.1]
 - “Technology” for certain “microprocessor microcircuit”, “microcomputer microcircuit” or microcontroller microcircuit core [3E002.c.]
 - “Technology” for multimedia extensions [3E002 *Note 1*]



CATEGORY 3 - ELECTRONICS

Remove Controls

- Waveform digitisers and transient recorders
[3A002.a.5.]
- Anisotropic plasma dry etching equipment
[3B001.c.]



CATEGORY 4 - COMPUTERS

- Relax Controls
 - “Digital computers” [4A003.b.]
 - “Software” and “Technology” for digital computers [4D001.b.1. & 4E001.b.1.]



CATEGORY 5 – PART 1 – TELECOMMUNICATIONS

- Relax Controls
 - “Electronically steerable phased array antennae” [5A001.d.]
 - Equipment for the “development” of equipment employing a “laser” [5B001.b.2.b.]
 - “Technology” for equipment employing a “laser” [5E001.c.2.b.]
 - Equipment for the “development” of radio equipment [5B001.b.4.]
 - “Software” and “technology” for radio equipment [5D001.d.4. and 5E001.c.4.a.]



CATEGORY 5 – PART 2 – “INFORMATION SECURITY”

- Clarification of Controls
 - Systems, equipment and components for cryptographic “information security” [5A002.a.]
 - Systems, equipment and components, for non-cryptographic “information security” previously specified in 5A002.a.4. and 5A002.a.8. [5A003]
 - Systems, equipment and components for defeating, weakening or bypassing “information security” previously specified in 5A002.a.2. [5A004]
- Remove Control
 - Non-cryptographic Information and Communications Technology (ICT) security systems and devices [5A002.a.7.]



CATEGORY 6 – SENSORS AND LASERS

- Relax Controls
 - Non-“space-qualified” “focal plane arrays” [6A002.a.3 *Note 2d*]
 - Lightweight monolithic mirrors [6A004.a.2. *Note*]
 - Lightweight “composite” or foam mirror structures [6A004.a.3. *Note*]
 - Non-“tunable” “pulsed lasers” by uplifting control parameters [6A005.b.6.a.2. and b.2.]
 - Semiconductor “laser” ‘stacked arrays’ [6A005.d.1.d.1.d. and 6A005.d.1.d.2.d. *Note*]



CATEGORY 7 – NAVIGATION AND AVIONICS

- Add/Expand Controls
 - Flight control system and servo valves [7A116]
 - “Software” for the operation or maintenance of "guidance sets" specified in 7A117 [7D104]



CATEGORY 8 - MARINE

- Relax Control
 - Underwater vision systems [8A002.d.]
- Remove Control
 - Photographic still cameras [8A002.e.]



CATEGORY 9 – AEROSPACE AND PROPULSION

- Expand Controls
 - Gel propellant rocket motors [9A105]
 - Casting tooling manufactured from refractory metals or ceramic [9B001.b.]
- Remove Control
 - Ablative liners specially designed for liquid rocket propulsion systems [9A106.a.]



Consequential Amendments to the SGCR and SGCBO



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AMENDMENT TO SGCR & SGCBO

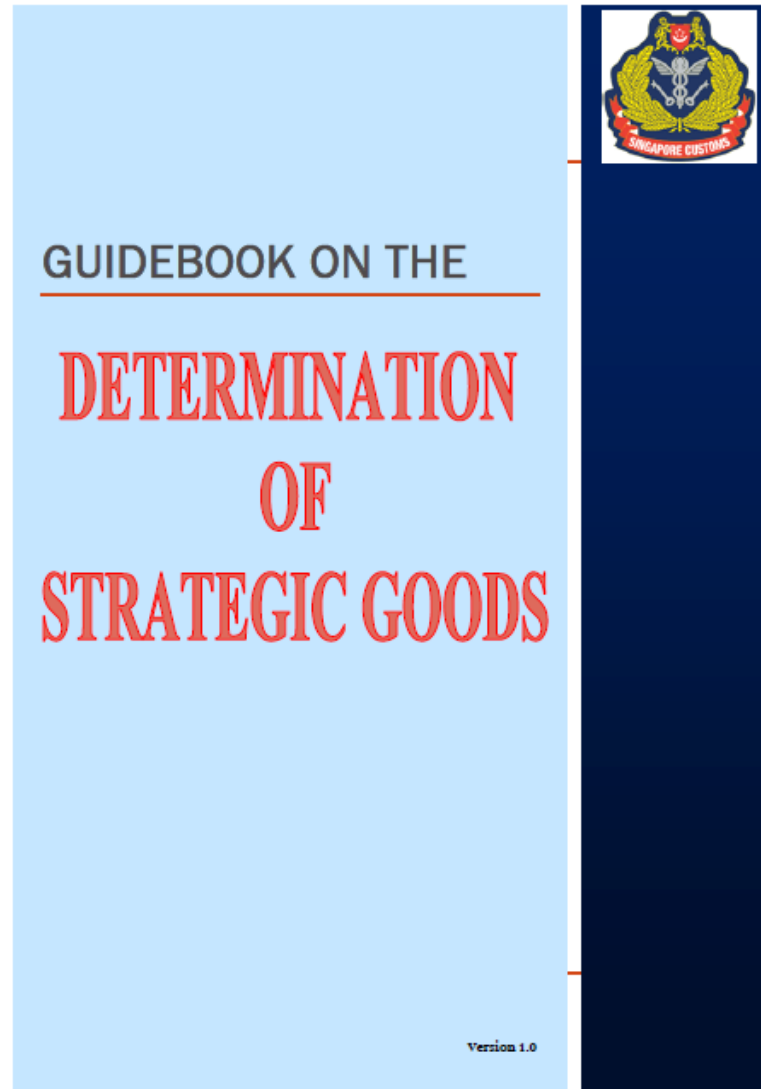
- Strategic Goods (Control) Regulations (“SGCR”)
 - Update reference to SGC0 2017; and
 - Include category codes, 1C351.a.57 (SARS-related Coronavirus) and 1C351.a.58 (Reconstructed 1918 Influenza Virus), in the fourth schedule (i.e. transshipment list)
- Strategic Goods (Control) (Brokering) Order (“SGCBO”)
 - Update reference to SGC0 2017



DETERMINATION OF STRATEGIC GOODS



DETERMINATION OF STRATEGIC GOODS



Understand the product

- What is this product?
- What is the function and application ?
- Is it a complete system, equipment or raw material?

Specially designed/
modified for
military use?

- If yes, refer to the list of military goods
- If No, refer to the list of dual-use goods

Identify Possible
Category Code(s)

- Compare product's specifications against category code(s) description
- If there is no possible category code, the product is not a strategic good.

Does it meet the
stated
specifications?

- If yes, the product is a strategic good, provided there is no applicable exclusion note.

Fulfil Applicable
Exclusion Notes?

- If yes, the product is not a strategic good.
- Otherwise, the product is a strategic good.



REFERENCE

- SGCO 2017, Strategic Goods (Control) (Brokering) (Amendment) Order 2017 and Strategic Goods (Control) (Amendment) Regulation 2017 can be found via eGazette [here](#).
- [Circular 08/2017](#) & [FAQs](#)
- [Highlights of Key Changes to SGCO 2017](#)
- [E-learning on changes to SGCO 2017](#)
- [Guidebook on the Determination of Strategic Goods](#)
- For more information on
 - Matters relating to strategic goods control, visit <https://www.customs.gov.sg/businesses/strategic-goods-control/overview/legislation>
 - Compliance-related matters, visit <https://www.customs.gov.sg/businesses/compliance/overview>
- Send us your queries/ feedbacks via customs_stgc@customs.gov.sg



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