



# COMMODITY CLASSIFICATION

- **The NSGL Code**
- **Obtaining your Classifications**
- **Tips on Self-Classifying/  
Navigating the NSGL**

# Examples of Dual-Use Goods



**0B001, 1C002, 1C202**  
Aluminum Alloys



**1C010, 1C210**  
Carbon Fiber



**2B230**  
Pressure Transducer



**0B002, 3A233**  
Mass Spectrometer



**2B204**  
Isostatic Press

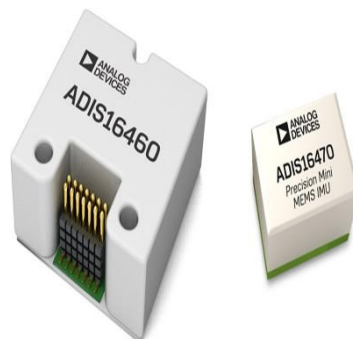


**1C107**  
Graphite

# Examples of Dual-Use Goods



**6A007**  
Gravity Meter



**7A001 7A002 7A101 7A102**  
Inertial Sensors



**9A012**  
Unmanned Aerial  
Vehicle



**2A226**  
Valves



**3A001**  
Capacitors



**5A001**  
Routers

# 3A001

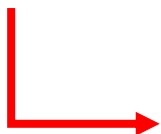
Electronic Items...

- If your item has an NSGL designation, then its export requires an authorization
- Different from your HS/AHTN Codes
- Generally similar with the US Export Control Classification Number (ECCN) and EU Dual-use Codes

# NSGL Codes

3A001

Category



- 0 – Nuclear Materials, Facilities, and Equipment
- 1 – Special Material and Rel. Equipment
- 2 – Materials Processing
- 3 – Electronics**
- 4 – Computers
- 5 – Telecommunication and Information Security
- 6 – Sensors and Lasers
- 7 – Navigation and Avionics
- 8 – Marine
- 9 – Aerospace and Propulsion

# NSGL Codes

3A001

Product  
Group



**A – Systems, Equipment, Components**  
B – Test, Inspection, and Production Equipment  
C – Materials  
D – Software  
E – Technology

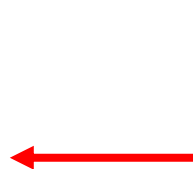
# NSGL Codes

3A001

**0 – Wassenaar Arrangement or  
Nuclear Suppliers Group Trigger List**

- 1 – Missile Technology Control Regime
- 2 – Nuclear Suppliers Group  
Dual-Use List
- 3 – Australia Group
- 4 – Chemical Weapons Convention

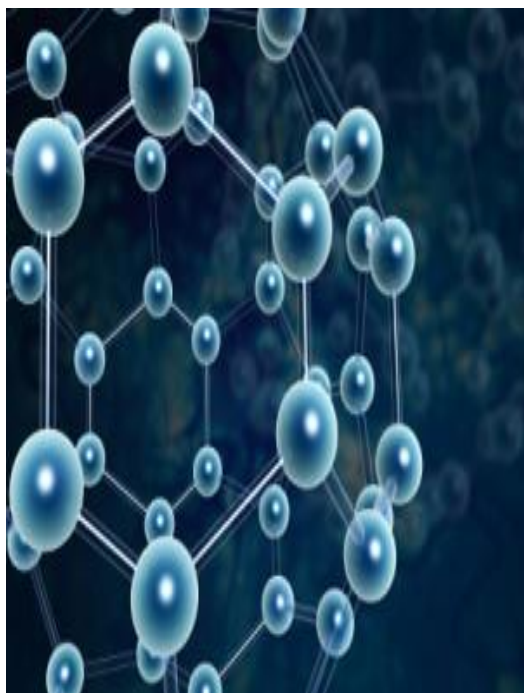
Regime  
Origin





# NSGL Codes

## 1C350.46 Triethanolamine



→  
Civilian use



*Cosmetics*



*Shampoo*

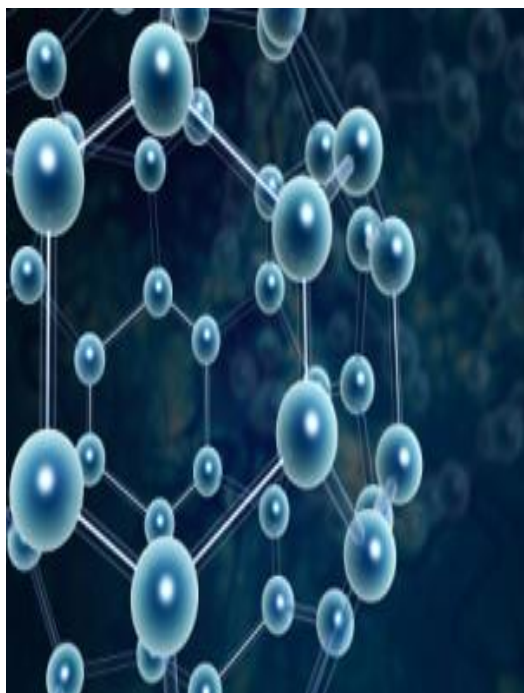
→  
Military use



*Mustard Gas*

# NSGL Codes

## **1C350.46** **Triethanolamine**



1

Special Materials and Related Equipment

C

Materials

3

Australia Group

50

“Chemicals, which may be used as precursors...”

.46

**Triethanolamine**

## **1C350.46** **Triethanolamine**

1C350 Chemicals, which may be used as precursors for toxic chemical agents, as follows, and "chemical mixtures" containing one or more thereof:

*N.B. SEE ALSO ANNEX 1 OF THE NSGL AND 1C450.*

1. Thiodiglycol (111-48-8);
2. Phosphorus oxychloride (10025-87-3);
3. Dimethyl methylphosphonate (756-79-6);
4. SEE ANNEX 1 OF THE NSGL for Methyl phosphonyl difluoride (676-99-3);



45. Sodium cyanide (143-33-9);

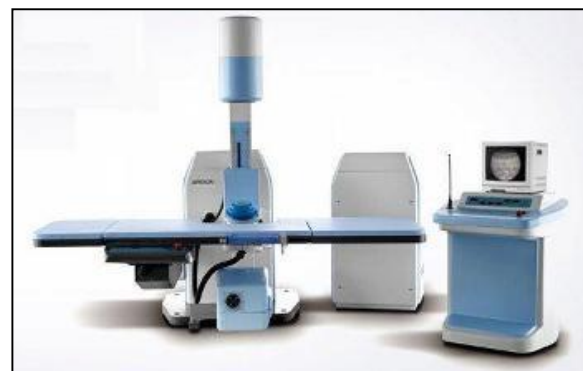
46. Triethanolamine (102-71-6);

47. Phosphorus pentasulphide (1314-80-3);

## 3A228.b Triggered Spark Gap



→  
Civilian use



*lithotripter*

→  
Military use



# NSGL Codes

## **3A228.b** **Triggered Spark Gap**



**3**

Electronics

**A**

Systems, Equipment, Components

**2**

Nuclear Suppliers Group – Dual-use List

**28**

“Switching devices,...”

**.b**

Triggered spark-gaps...

## 3A228.b Triggered Spark Gap

3A228 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:
  - 1. Containing three or more electrodes;
  - 2. Anode peak voltage rating of 2,5 kV or more;
  - 3. Anode peak current rating of 100 A or more; and
  - 4. Anode delay time of 10  $\mu$ s or less;

*Note: 3A228 includes gas krytron tubes and vacuum sprytron tubes.*

- b. Triggered spark-gaps having both of the following characteristics:
  - 1. An anode delay time of 15  $\mu$ s or less; and
  - 2. Rated for a peak current of 500 A or more;

- c. Modules or assemblies with a fast switching function, other than those specified in 3A001.g. or 3A001.h., having all of the following characteristics:

- The NSGL Code
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# Commodity Classification



**Self Classify.  
Refer to the  
National  
Strategic  
Goods List.**



**Ask the  
manufacturer.**



**Request  
classification  
from STMO.**





## Global Export Trade

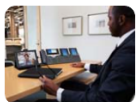
Global Export Trade promotes the compliant selling of our products by proactively creating US and country-specific export policies and guidelines to ensure Cisco's conformance with its obligations.



### How Do I?

Answers to common questions

[Learn More >](#) [Key Contacts >](#)



### Cisco Parts Lookup (Public Export Product Data)

Access relevant parts restriction information, including the Export Control Classification Number (ECCN) and Commodity Classification Automated Tracking (CCAT) number.

[Learn More >](#)



### General Export

Get information about general export regulations, including controlled products and technologies, prohibited destinations, parties, uses, and end users.

[Learn More >](#)



### Cisco Products and Export Classifications

Useful resources for locating export compliance information associated with Cisco products.

[Learn More >](#)

## Related Forms

### Online Forms

[FBI Questionnaire](#)

[License Questionnaire](#)

### Downloadable Forms

[Malaysia End User Statement](#)

[Instructions: Malaysia End User Statement](#)

[Hong Kong End User Statement](#)

[Singapore End User Statement](#)

[Example: Singapore End User Statement](#)

[Cisco Controlled Technology Transfer Assessment](#)

[Declaration Letter - no stamp](#)

[Declaration Letter - no letterhead](#)

[Company Profile form.doc](#)

[United Kingdom Consignee Undertaking](#)

[UKCU FAQs](#)

## ECCN

The Export Control Classification Number (ECCN) identifies the relevant category and paragraph of the Commerce Control List (CCL). The ECCN designates the level of control for an item. Citrix products are typically classified under the following ECCNs:

- **5A002** covers information security hardware "employing digital techniques performing any cryptographic function other than authentication, digital signature, or execution of copy-protected 'software'" and having the following characteristics:
  - "A 'symmetric algorithm' employing a key length in excess of 56-bits;" or
  - "An 'asymmetric algorithm' where the security of the algorithm is based on any of the following:
    - Factorization of integers in excess of 512 bits (e.g., RSA);
    - Computation of discrete logarithms in a multiplicative group of a finite field of size greater than 512 bits (e.g., Diffie-Hellman over Z/pZ); or
    - Discrete logarithms in a group other than mentioned [above] in excess of 112 bits (e.g., Diffie-Hellman over an elliptic curve)."

- **The NSGL Code**
- **Obtaining your Classifications**
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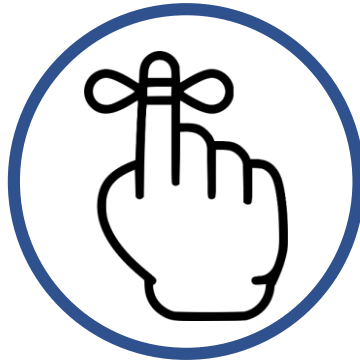
# Navigating the NSGL



## Definitions

- ✓ Definition of terms between ‘**single quotation marks**’ are given in a Technical Note to the relevant item.
- ✓ Definitions of terms between “**double quotation marks**” can be found at the beginning of the list

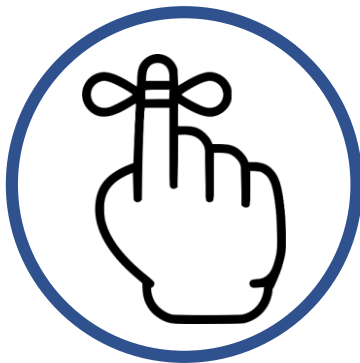
# Navigating the NSGL



## Notes

- ✓ A **Note**, in most cases, removes items from control
- ✓ A **Technical Note** expands on the meaning of the control and often explains terms in a control entry
- ✓ **Nota Bene** is used as a signpost to direct the reader to another NSGL code for consideration

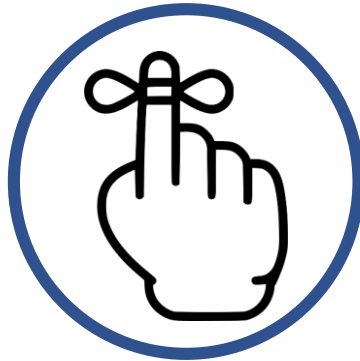
# Navigating the NSGL



## Editorial Practices

- ✓ A **comma** is used to separate the whole number from decimals.  
Example: 3,33%
- ✓ **Whole numbers** are presented in series of three, each series being separated by a thin space. Example: 2 000 cm

# Navigating the NSGL



## Control Language

- ✓ **As follows** precedes specific items included in the control. After 'as follows' there will be a sub-heads.
- ✓ **And, Or, Except**

# Navigating the NSGL

## 1C350.46 Triethanolamine

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1. Thiodiglycol (111-48-8);
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↓
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NOTE



DEFINITION

# Navigating the NSGL

## 3A228.b Triggered Spark Gap

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1. Containing three or more electrodes;
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3. Anode peak current rating of 100 A or more; and
4. Anode delay time of 10  $\mu$ s or less;



COMMA

*Note: 3A228 includes gas krytron tubes and vacuum sprytron tubes.*

- b. Triggered spark-gaps having both of the following characteristics:

1. An anode delay time of 15  $\mu$ s or less; and
2. Rated for a peak current of 500 A or more;



"AND"

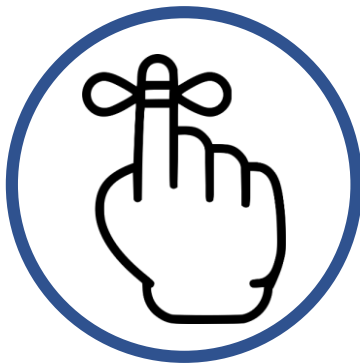
- c. Modules or assemblies with a fast switching function, other than those specified in 3A001.g. or 3A001.h., having all of the following characteristics:



# Navigating the NSGL



Definitions



Notes



Editorial  
Practices



Control  
Language

- The NSGL Annex 2 is very technical and a certain degree of technical knowledge is necessary in order to navigate through the list.
- Consult the technical people in your company in doing classifications

# Thank you!

**Connect with us at:**

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 **[dti.gov.ph/business/strategictrade](http://dti.gov.ph/business/strategictrade)**