In considering whether or not a research project or a shipment to another country will likely require an export license, consider both **WHAT** the item/technology is and **WHERE** it is going (if being shipped).

The lists on this page deal with **WHAT** the item/technology is.

Items and technologies are categorized on the following two lists:

- The [Munitions List](http://www.pmddtc.state.gov/regulations_laws/documents/official_itar/ITAR_Part_121.pdf), published by the US State Department in its [International Traffic in Arms Regulations (ITAR)](http://www.pmddtc.state.gov/regulations_laws/itar_official.html), focuses on potential military applications or technologies that are military in nature.

- The [Commerce Control List](http://www.pmddtc.state.gov/regulations_laws/ear_official.html), published by the US Commerce Department in its [Export Administration Regulations (EAR)](http://www.pmddtc.state.gov/regulations_laws/ear_official.html), focuses primarily on "dual use" technologies which have both legitimate commercial purposes and potential military applications.

There are also controls on materials and technology related to nuclear activities under the [NRC](http://www.nrc.gov) and [DoE](http://www.energy.gov). In addition, under the provisions of the international [Chemical Weapons Convention](http://www.chem-weapons.org), the United States may require special declarations related to chemical shipments under either the [ITAR](http://www.pmddtc.state.gov/regulations_laws/itar_official.html) or the [EAR](http://www.pmddtc.state.gov/regulations_laws/ear_official.html).

Even if an item/technology does not fit into any of the above categories, it still may require an export license, depending upon its end use and user.

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**INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR)**


**UNITED STATES MUNITIONS LIST (USML)**


**CATEGORIES:**

- Category I -Firearms, Close Assault Weapons and Combat Shotguns
- Category II -Materials, Chemicals, Microorganisms, and Toxins
- Category III - Ammunition/Ordnance
- Category IV -Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines
- Category V -Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents
- Category VI - Vessels of War and Special Naval Equipment
- Category VII - Tanks and Military Vehicles
- Category VIII - Aircraft and Associated Equipment
- Category IX -Military Training Equipment
- Category X -Protective Personnel Equipment
- Category XI -Military Electronics
- Category XII -Fire Control, Range Finder, Optical and Guidance and Control Equipment
- Category XIII -Auxiliary Military Equipment
- Category XIV - Toxicological Agents, Including Chemical Agents, Biological Agents, and Associated Equipment
- Category XV - Spacecraft Systems and Associated Equipment
- Category XVI -Nuclear Weapons, Design and Testing Related Items
• Category XVII - Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated
• Category XVIII - Directed Energy Weapons
• Category XX - Submersible Vessels, Oceanographic and Associated Equipment
• Category XXI—Miscellaneous Articles

EXPORT ADMINISTRATION REGULATIONS (EAR)

http://www.bis.doc.gov/policiesandregulations/ear/index.htm

The Bureau of Industry and Security’s Commerce Control List index will help you find the appropriate category for your item. Once you find the correct category, go to section of the Commerce Control List to determine the classification number (ECCN).

CATEGORIES:

• Category 0 - Nuclear Materials, Facilities & Equipment (and Miscellaneous Items)
• Category 1 - Materials, Chemicals, Microorganisms, and Toxins
• Category 2 - Materials Processing
• Category 3 - Electronics Design, Development and Production
• 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 - Propulsion Systems, Space Vehicles and Related Equipment