- (2) Fluorine (but not fluorene).
- (3) Trichloronitro methane (chloropicrin PS).
- (b) Vesicants:
- (1) B-Chlorovinyldichloroarsine (Lewisite, L).
- (2) Bis(dichlorethyl) sulphide (Mustard Gas, HD or H).
 - (3) Ethyldichloroarsine (ED).
 - (4) Methyldichloroarsine (MD).
- (c) Lachrymators and tear gases:
- (1) A-Brombenzyl cyanide (BBC).
- (2) Chloroacetophenone (CN).
- (3) Dibromodimethyl ether.
- (4) Dichlorodimethyl ether (ClCi).
- (5) Ethyldibromoarsine.
- (6) Phenylcarbylamine chloride.
- (7) Tear gas solutions (CNB and CNS).
- (8) Tear ga orthochlorobenzalmalononitrile (CS).
- (d) Sternutators and irritant smokes:
- (1) Diphenylamine chloroarsine (Adamsite, DM).
 - (2) Diphenylchloroarsine (BA).
 - (3) Liquid pepper.
- (e) Nerve agents, gases, and aerosols. These are toxic compounds which affect the nervous system, such as:
- (1) Dimethylaminoethoxycyanophosphine oxide (GA).
- (2) Methylisopropoxyfluorophosphine oxide (GB).
- (3) Methylpinacolyloxyfluoriphosphine oxide (GD).
- (f) Antiplant chemicals, such as: Butyl 2-chloro-4-fluorophenoxyacetate (LNF).

CATEGORY XV [Reserved]

CATEGORY XVI—NUCLEAR WEAPONS DESIGN AND TEST EQUIPMENT

(a)[Reserved]

(b) Modeling or simulation tools that model or simulate the environments generated by nuclear detonations or the effects of these environments on systems, subsystems, components, structures, or humans.

NOTE: Category XVI does not include equipment, technical data, or services controlled by the Department of Energy pursuant to the Atomic Energy Act of 1954, as amended, and the Nuclear Non-Proliferation Act of 1978, as amended, or are government transfers authorized pursuant to these Acts.

CATEGORY XVII-XIX [Reserved]

CATEGORY XX—SUBMERSIBLE VESSELS, OCEANOGRAPHIC AND ASSOCIATED EQUIPMENT

- (a) Submersible vessels, manned and unmanned, designed or modified for military purposes or having independent capability to maneuver vertically or horizontally at depths below 1,000 feet, or powered by nuclear propulsion plants.
- (b) Submersible vessels, manned or unmanned, designed or modified in whole or in

part from technology developed by or for the U.S. Armed Forces.

- (c) Any of the articles in Category VI and elsewhere in this part specifically designed or modified for use with submersible vessels, and oceanographic or associated equipment assigned a military designation.
- (d) Equipment, components, parts, accessories, and attachments specifically designed for any of the articles in paragraphs (a) and (b) of this category.

CATEGORY XXI—MISCELLANEOUS ARTICLES

Any defense article or defense service not specifically enumerated in the other categories of the USMIL that has substantial military applicability and that has been specifically designed or modified for military purposes. The decision as to whether any article may be included in this category shall be made by the Attorney General with the concurrence of the Secretary of State and the Secretary of Defense.

[T.D. ATF-215, 50 FR 42158, Oct. 18, 1985; 50 FR 46647, Nov. 12, 1985, as amended by T.D. ATF-426, 65 FR 38197, June 20, 2000; ATF-9F, 72 FR 72938, Dec. 26, 2007; ATF-50F, 78 FR 23677, Apr. 22, 2013; ATF-25I, 79 FR 17028, Mar. 27, 20141

§ 447.22 Forgings, castings, and machined bodies.

Articles on the U.S. Munitions Import List include articles in a partially completed state (such as forgings, castings, extrusions, and machined bodies) which have reached a stage in manufacture where they are clearly identifiable as defense articles. If the end-item is an article on the U.S. Munitions Import List, (including components, accessories, attachments and parts) then the particular forging, casting, extrusion, machined body, etc., is considered a defense article subject to the controls of this part, except for such items as are in normal commercial use.

[T.D. ATF-215, 50 FR 42160, Oct. 18, 1985]

Subpart D—Registration

§ 447.31 Registration requirement.

Persons engaged in the business, in the United States, of importing articles enumerated on the U.S. Munitions Import List must register by making an application on ATF Form 4587.

[T.D. ATF-484, 67 FR 64526, Oct. 21, 2002]