

communication links or otherwise hinder the operation or effectiveness of military infrared systems) including their counter measure equipment.

2. The term 'specially designed components' includes the following when specially designed for military use:
 - a. Infrared image converter tubes;
 - b. Image intensifier tubes;
 - c. Microchannel plates;
 - d. Low-light-level television camera tubes;
 - e. Infrared detector arrays;
 - f. Pyroelectric television camera tubes;
 - g. Cryogenic coolers used in military thermal imaging systems.
3. The Committee will favourably consider the export to the People's Republic of China of:
 - a. Military active infrared equipment using image converter tubes, and specially designed components and software therefor, having all of the following characteristics:
 1. Spectral response: 0.8 to 1.3 micrometre;
 2. Luminous sensitivity: 20 microamperes/lumen or less;
 3. Radiant sensitivity: 2.8 microamperes/W or less; and
 4. Gain: 20 or less;
 - b. First generation military image intensification equipment and specially designed components therefor, having all of the following characteristics:
 1. Luminous sensitivity: 300 microamperes/lumen or less;
 2. Radiant sensitivity at 0.85 wavelength: 20 microamperes/W or less; and
 3. Not incorporating microchannel plates.

2016. Forgings, castings and semi-finished products specially designed for the products embargoed by Items 2001., 2002., 2003., 2004., 2006. or 2010. on this List.

NOTE:

This Item includes artillery material, machine guns, automatic weapons and small arms.

2017. Miscellaneous equipment and materials, as follows, and specially designed components therefor:

2017. a. Self-contained diving and underwater swimming apparatus, as follows:
 1. Closed and semi-closed circuit (rebreathing) apparatus;
 2. Specially designed components for use in the conversion of open-circuit apparatus to military use;
 3. Articles exclusively designed for military use with self-contained diving and underwater swimming apparatus;
- b. Firearms silencers (mufflers);
- c. Power-controlled searchlights and control units therefor, designed for military use;
- d. Construction equipment built to military specifications, specially designed for airborne transport;
- e. External fittings, coatings and treatments for the suppression of acoustic, radar, infrared and other emissions, specially designed for military use;
- f. Field engineer equipment specially designed for use in a combat zone;
- g. "Robots", "robot" controllers and "robot" "end-effectors", having any of the following characteristics:
 1. Specially designed for military applications;
 2. Incorporating means of protecting hydraulic lines against externally induced punctures caused by ballistic fragments (e.g., incorporating self-sealing lines) and designed to use hydraulic fluids with flash points higher than 839 K (566°C);
 3. Operable at altitudes exceeding 30,000 m; or
 4. Specially designed or rated for operating in an electro-magnetic pulse (EMP) environment.

NOTE:

The Committee will favourably consider the export to the People's Republic of China of the following:

- a. Power-controlled searchlights and control units designed for military use and specially designed "software" therefor, except those specially designed or modified for underwater operation;

b. Construction equipment embargoed by sub-item d. above.

2018. Equipment and technology for the "production" of products referred to in this List, as follows:

2018. a. Specially designed or modified "production" equipment for the production of products embargoed by this List, and specially designed components therefor;
- b. Specially designed environmental test facilities and specially designed equipment therefor, for the certification, qualification, or testing of products embargoed by this List;
- c. Specific "production" technology, even if the equipment with which such technology is to be used is unembargoed;
- d. Technology specific to the design of, the assembly of components into, and the operation, maintenance and repair of complete "production" installations even if the components themselves are unembargoed.

NOTES:

1. Sub-item a. above includes the following equipment:
 - a. Nitrators: continuous types;
 - b. Centrifugal testing apparatus or equipment having any of the following characteristics:
 1. Driven by a motor or motors having a total rated horsepower greater than 298 kW (400 hp);
 2. Capable of carrying a payload of 113 kg or more;
 3. Capable of exerting a centrifugal acceleration of 8 g or more on a payload of 91 kg or more;
 - c. Dehydration presses;
 - d. Extrusion presses for the extrusion of small arms, cannon and rocket propellants;
 - e. Cutting machines for the sizing of extruded propellants;
 - f. Sweetie barrels (tumblers) 1.85 m and over in diameter and having over 227 kg product capacity;
 - g. Continuous mixers for solid propellants.
 2. a. The terms 'products referred to in this List' include:
 1. Products not embargoed if inferior to specified concentrations as follows:
 - a. hydrazine (see Note 1v. to Item 2008);
 - b. "Military high explosives" (see Item 2008);
 2. Products not embargoed if inferior to technical limits, i.e., "superconductive" materials not embargoed by 1023.5.; "superconductive" electromagnets not embargoed by 1031.1.e.3.; "superconductive" electrical equipment excluded from embargo under Item 2020 b.
 - b. The terms 'products referred to in this List' exclude:
 1. Signal pistols of the Very type (see Item 2002.b.);
 2. Tractor and farm implement type pneumatic tyre casings (see Note 1 to Item 2006);
 3. The substances excluded from embargo under Note 3 to Item 2007;
 4. Personal radiation monitoring dosimeters and masks for protection against specific industrial hazards (see Note 4 to Item 2007);
 5. Acetylene, propane, liquid oxygen, difluoramine (HNF₂), fuming nitric acid and potassium nitrate powder (see Note 6 to Item 2008);
 6. Aero-engines excluded from embargo under Item 2010 by reference to aero-engines not embargoed by 1091.1.;
 7. Conventional steel helmets not equipped with, modified or designed to accept, any type of accessory device (see Note 2 to Item 2013);
 8. Equipment fitted with unembargoed industrial machinery, such as coating machinery not elsewhere specified and equipment for the casting of plastics;
 9. Antique small arms dating back beyond the year 1890, and their reproductions.
(This listing does not allow the export of technology or production equipment for non-antique small arms, even if used to produce reproductions of antique small arms.)
3. Sub-item d. above does not include technology for civil purposes, such as agricultural, pharmaceutical, medical, veterinary and environmental, and in the food industry (see Note 5 to Item 2007.).
4. Governments may permit, as administrative exceptions, the shipment of equipment used to determine the safety