

## **Defence Product List – Licensing Authority-wise and Act-wise for seeking public comment**

Department of Defence Production has formulated the draft Defence Production Policy 2018 which aims to liberalize the Licensing process for defence industries and further review and prune the list of items requiring license in defence sector.

2. In pursuance to this, DDP / MoD has prepared a draft Defence Product List – Licensing Authority wise and Act-wise. The Column (3) represents the current licensable Defence items and Column (4) represents the proposed defence items which will require a license. Strikethrough items in Column (2) is for removal of repetitions and clear understanding of item requiring IL from defence angle.

3. The draft Defence Product as proposed under Column (4) is placed herewith for public comments **within 15 days**. It is requested to provide your comments on the draft list at [dharmendrakumar.ofb@ofb.gov.in](mailto:dharmendrakumar.ofb@ofb.gov.in).

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## Defence products list – licensing authority & Act-wise

**Table A. Ministry of Home Affairs as Licensing Authority under Arms Act, 1959/Arms Rules, 2016**

S. No.	Category of arms and ammunition	Defence items	Proposed Defence items
(1)	(2)	(3)	(4)
	<p><b>Small Arms and ammunitions and allied items of defence equipment; parts and accessories thereof, of caliber upto 12.7 mm and parts, components and ammunition for such small arm as defined under clause (51) of sub-rule (1) of rule 2 of the Arms Rules, 2016 and parts, components and ammunition for such small arm.</b></p>	<p>All revolvers, pistols, rifles, carbines, assault rifles, submachine guns and light machine guns, smooth-bore weapons and other arms, automatic or semi-automatic or pump action type weapons, weapons using case less ammunition as well as their parts, components and accessories, silencers, special gun-mountings, weapons sights, signature reduction devices and flash suppressors to include rifles, carbines, revolvers, pistols, machine pistols.</p> <p>Pressure bearing parts or components of above firearm viz. barrel, slide, cylinder, bolt, breech block, firing pin etc.</p>	<ol style="list-style-type: none"> <li>1. Revolvers,</li> <li>2. Pistols,</li> <li>3. Rifles,</li> <li>4. Carbines,</li> <li>5. Submachine guns and light machine guns,</li> <li>6. Smooth-bore weapons and other arms,</li> <li>7. Automatic or semi-automatic or pump action type weapons,</li> <li>8. Weapons using case less ammunition,</li> <li>9. Pressure bearing parts or components of above firearm viz. barrel, slide, cylinder, bolt, breech block, firing pin <b>only</b>,</li> <li>10. Accessories of above firearm viz. silencers, special gun-mountings, weapons sights, signature reduction devices and flash suppressors <b>only</b>.</li> </ol> <p><b>Note 1:</b> Items at Sl. No. 1 to 5 does not apply to Rifles or handguns, specially designed to discharge an inert projectile by compressed air or CO2</p>

			<p><b>Note 2:</b> Items at Sl. No. 6 to 8 does not apply to Firearms designed for dummy ammunition and incapable to discharge projectile, designed to launch tethered projectiles with no high explosive charge or communication links to range less than or equal to 500 m, weapons using non-centre fire cased communication and not of fully automatic firing type, deactivated firearms. Does not apply to weapons for tranquilizing animals, seismic testing, firing of industrial projectiles or disrupting Improvised Explosive Devices (IEDs))</p> <p><b>Note 3:</b> Accessories designed for arms specified by items at Sl. No. 1 to 8: Detachable cartridge magazines, sound suppressors or moderators, special gun-mountings, flash suppressors, optical weapon-sights with electronic image processing and optical weapon-sights specifically designed for military use).</p>
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**Table B. Ministry of Commerce & Industry, Department of Industrial Policy Promotion (DIPP) as Licensing Authority under Arms Act, 1959/Arms Rules, 2016**

S. No.	Category of arms and ammunition	Defence items	Proposed Defence items
(1)	(2)	(3)	(4)
(i)	<b>Tanks and other armoured fighting vehicles</b>	<p><del>(i) Ground vehicles, as follows:-</del></p> <p>(a) <del>Ground vehicles, namely, Battle tanks and other military armoured or armed vehicles and military vehicles fitted with mountings for arms or equipment for mine laying or the launching of munitions includes all tracked and wheeled self propelled armoured and non-armoured weapon systems and trailers for towed and static weapon systems;</del></p> <p>(b) <del>Other ground vehicles, namely, all wheel drive vehicles capable of off road use which have been manufactured or fitted with materials or components to provide Ballistic protection to level III (NIJ 0108.01, September 1985, or comparable national standard or above) with mountings for arms or equipment for mine laying specially designed for military use;</del></p> <p><del>(c) Amphibious, hovercrafts and deep water fording vehicles for military use;</del></p>	<p>(a) Battle tanks,</p> <p>(b) Other military armoured or armed vehicles,</p> <p>(c) Military vehicles fitted with mountings for arms or equipment for mine laying or the launching of munitions,</p> <p>(d) Other ground vehicles manufactured or fitted with materials or components to provide Ballistic protection to level III (NIJ 0108.01, September 1985, or comparable national standard or above) with mountings for arms or equipment for mine laying specially designed for military use.</p> <p><b>Note 1:</b> Sl. No. (b) Includes vehicles fitted with mounting for arms or equipment for mine-laying or for launching of bombs, torpedoes, rockets, missiles, other explosive charges and related equipment and accessories.</p> <p><b>Note 2:</b> For Sl. No. (d) Transmission to provide drive to both front and rear wheels simultaneously, Gross Vehicle Weight Rating greater than 4500 kg.</p>

		(ii) <del>Cryogenic and superconductive equipment especially designed or configured to be installed in military vehicle.</del>	
(ii)	<b>Defence aircraft, <del>space craft and parts thereof</del></b>	Military Aircraft including helicopters, lighter-than-air vehicle, Unmanned Aerial Vehicles (UAVs), Remotely Piloted Vehicles, autonomous programmable vehicles, unmanned lighter than air vehicle fitted with weapon, sensor and other payloads for military applications (including all variety of manned and unmanned airborne vehicles, target systems, loitering missiles, drones, ballons, blimps, aerostal, parachutes, paragliders, <del>ground effect machines, air cushion vehicles or hovercraft, Unmanned Aerial Vehicles</del> and their launchers, specially designed for military application).	<ol style="list-style-type: none"> <li>1. Military aircrafts including helicopters, lighter-than-air vehicle,</li> <li>2. Unmanned Aerial Vehicles (UAVs), Remotely Piloted Vehicles, autonomous programmable vehicles, unmanned lighter than air vehicle fitted with weapon, sensor and other payloads, defence communication frequency for military applications (including all variety of manned and unmanned airborne vehicles, target systems, loitering missiles, drones, ballons, blimps, aerostal, parachutes, paragliders, and their launchers, specially designed for military application).</li> </ol> <p><b>Note 1:</b> Sl. No. 2 does not include UAV or Unmanned “airship” designed for controlled flight out of the direct natural vision of the operator and displaying any of the following characteristics. Maximum Endurance less than 01 hour, provided they are not designed to take-off, stable controlled flight in wind gust equal to or exceeding 46.3 km/h (25 Knots).</p> <p><b>Note 2:</b> Only Blips, Balloons and aerostat relying on hydrogen or helium for their lift of ground are cover under this category.</p>

<b>(iii)</b>	<b>Warships of all kinds</b>	<p>(i) Vessels of war (surface or underwater), other surface vessels (Fitted with automatic weapons having a caliber of 12.7 mm or higher, Chemical Biological Radiological and Nuclear protection, active weapon countermeasure systems), special naval equipment, <del>anti-submarine or torpedo nets</del>, hull penetrators and connectors specially designed for military use;</p> <p>(ii) Air Independent Propulsion systems (nuclear or conventional) for <del>marine applications</del>.</p>	<ol style="list-style-type: none"> <li>1. Vessels of war (surface or underwater),</li> <li>2. Other surface vessels (Fitted with automatic weapons having a caliber of 12.7 mm or higher, Chemical Biological Radiological and Nuclear protection, active weapon countermeasure systems),</li> <li>3. Special naval equipment,</li> <li>4. Hull penetrators and connectors specially designed for military use;</li> <li>5. Air Independent Propulsion systems (nuclear or conventional) designed for submarines.</li> </ol> <p><b>Note 1:</b> ‘Fitted’ refers to at Sl. No. 2 above weapon mounts or structural strengthening for purpose of installing weapons.</p> <p><b>Note 2:</b> For Sl. No.2 Active Countermeasure systems includes hull and superstructure designed to reduce radar cross section, mounted with thermal signature reduction devices, excluding those designed to increase overall power plant efficiency to reduce environment impact and excluding degaussing systems for reducing magnetic signature of whole vessel)</p>
<b>(iv)</b>	<b>Arms and ammunitions and allied items of defence equipment; <del>parts and accessories thereof</del>, other than small arm of caliber 12.7 mm and above as</b>	<p>(i) Multi barrel rocket, machine guns, guns, rocket, cannon and missile systems – used on land, ships and shore based <del>and</del> &amp; airborne, howitzers, mortars, anti-tank weapons, projectile launchers, military flame throwers, rifles, recoilless rifles.</p> <p>(ii) Ammunition and fuze setting devices, including the following:-  (a) safing and arming devices, fuzes,</p>	<ol style="list-style-type: none"> <li>1. Multi barrel rocket, machine guns, guns, rocket, cannon and missile systems – used on land, ships &amp; shore based and airborne applications,</li> <li>2. Howitzers, mortars, anti-tank weapons, projectile launchers, military flame throwers, rifles, recoilless rifles.</li> <li>3. Ammunition and fuze setting devices, including the following:- <ol style="list-style-type: none"> <li>a. safing and arming devices, fuzes, sensors and initiation devices;</li> </ol> </li> </ol>

<p><b>defined under clause (51) of sub-rule (1) of rule 2 of the Arms Rules, 2016 and parts, components and ammunition for such small arm.</b></p>	<p>sensors and initiation devices;</p> <p><del>(b) power supplies with high one-time operational output;</del></p> <p><del>(c) combustible cases for charges;</del></p> <p>(d) submunitions including bomblets, minelets and terminally guided projectiles.</p> <p>(iii) Bombs, torpedoes, grenades, smoke canisters, rockets, mines, missiles, depth charges, demolition-charges, demolition-devices, demolition kits, aircraft missile protection systems, pyrotechnic devices, cartridges and simulators (i.e. equipment simulating the characteristics of any of these items specially designed for military use), <del>specially designed for military use;</del></p> <p>(iv) Energetic materials and related substances includes all explosives like primers, boosters, initiators, igniters, detonators, smoke bomb, colour signals, propellants and pyrotechnics, oxidizers, binders, plasticisers, mobomers, additive scuopling agents, precursors and other related ammunition;</p> <p><del>(v) High velocity kinetic energy weapon systems and related equipment-</del></p> <p>(a) High velocity kinetic energy weapon systems specially designed for destruction or effecting mission-abort of target;</p>	<p>b. submunitions including bomblets, minelets and terminally guided projectiles.</p> <p>4. Bombs, torpedoes, grenades, smoke canisters, rockets, mines, missiles, depth charges, demolition-charges, demolition-devices, demolition kits, aircraft missile protection systems, pyrotechnic devices, cartridges and simulators (i.e. equipment simulating the characteristics of any of these items specially designed for military use);</p> <p>5. Energetic materials and related substances includes all explosives like primers, boosters, initiators, igniters, detonators, smoke bomb, colour signals, propellants and pyrotechnics, oxidizers, binders, plasticisers, mobomers, additive scuopling agents, precursors and other related ammunition;</p> <p>6. High velocity kinetic energy weapon systems specially designed for destruction or effecting mission-abort of target;</p> <p>7. Directed Energy Weapon systems, related or countermeasure equipment as follows:-</p> <p>(a) laser systems specially designed for, destruction or effecting mission, abort of a target including laser systems with specialized elements and derivatives thereof;</p> <p>(b) particle beam systems (not including wavelength less than 1150nm) capable of destruction or effecting mission-abort of a target;</p> <p>(c) high power Radio-Frequency systems capable of destruction or effecting mission-abort of target;</p>
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**Table C. Ministry of Commerce & Industry, Department of Industrial Policy Promotion (DIPP) as Licensing Authority under I(D&R) Act, 1951**

S. No.	Category of arms and ammunition	Defence items	Proposed Defence items
(1)	(2)	(3)	(3)
1	<b>Arms and ammunition and allied items of defence equipment; <del>parts and accessories thereof</del></b>	(i) Electronic Equipment used for electronic counter measure (ECM) and electronic counter countermeasure (ECCM), surveillance, intelligence, Command and Control systems, <del>Global Navigation satellite systems (GNSS)</del> , jamming equipment. Data processing, storage and transmission security equipment, identification and authentication equipment (including identification Friend or Foe and non-Cooperative Target Return Identification systems), guidance and navigation equipment Troposcatter-radio communication equipment and Military Information Security assurance systems and equipment (like cryptographic devices including military Cryptographic key management and Cryptanalytic systems), communication equipment, frequency modules and secrecy devices, <del>especially designed for Military use.</del>	1. Electronic equipments specially designed for military use as follows; <ul style="list-style-type: none"> <li>(i) Electronic Equipment used for electronic counter measure (ECM) and electronic counter countermeasure (ECCM), surveillance, intelligence, Command and Control systems,</li> <li>(ii) Jamming equipment.</li> <li>(iii) Data processing, storage and transmission security equipment, identification and authentication equipment (including identification Friend or Foe and non-Cooperative Target Return Identification systems),</li> <li>(iv) Guidance and navigation equipment,</li> <li>(v) Troposcatter-radio communication equipment and</li> <li>(vi) Military Information Security assurance systems and equipment (like cryptographic devices including military Cryptographic key management and Cryptanalytic systems),</li> <li>(vii) Communication equipment, frequency modules and secrecy devices.</li> </ul>

		<p>(ii) Armoured or protective equipment as follows:-</p> <p>(a) Constructions of metallic or non-metallic materials, or combinations thereof, specially designed to provide ballistic protection for military systems</p> <p>(b) Body armour or protective garments of level III (NIJ 0101.06, July 2008 or national equivalent and above).</p> <p>(iii) ‘Specialised equipment for military training’ or simulators specially designed for training in the use of any firearm or weapon.</p> <p>(iv) Imaging or countermeasure equipment, as follows, specially designed for military use:-</p> <p>(a) Recorders and image processing equipment;</p> <p>(b) Image intensifier equipment;</p> <p>(c) Infrared or thermal imaging equipment;</p> <p>(d) Imaging radar sensor equipment;</p> <p>(e) Countermeasure or counter-countermeasure equipment</p>	<p>2. Armoured or protective equipment as follows:-</p> <p>(a) Constructions of metallic or non-metallic materials, or combinations thereof, specially designed to provide ballistic protection for military systems</p> <p>(b) Body armour or protective garments of level III (NIJ 0101.06, July 2008 or national equivalent and above). (Note: SI .No. (b) includes explosive reactive armour, and modified or equipped with any type of accessories; does not apply to equipment or helmet for user’s own personal safety and does not apply to conventional steel helmets)</p> <p>3. ‘Specialised equipment for military training’ or simulators specially designed for training in the use of any firearm or weapon.</p> <p>4. Imaging or countermeasure equipment, as follows, specially designed for military use:-</p> <p>(a) Recorders and image processing equipment;</p> <p>(b) Image intensifier equipment including interactive environment systems;</p> <p>(c) Infrared or thermal imaging equipment;</p> <p>(d) Imaging radar sensor equipment;</p> <p>(e) Countermeasure or counter-countermeasure equipment.</p>
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