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7(20)/2008/D(DIP)  
Government of India  
Ministry of Defence  
Department of Defence Production  
D(DIP)  
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R.No. 335, 'B' Wing, Sena Bhawan  
New Delhi, dated the August 25, 2014

**OFFICE MEMORANDUM**

**Sub :** Policy Issue : Categorization of Revised Defence Products List into Category 'A', 'B' & 'C' from Security Angle –

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The undersigned is directed to forward a list of Defence items requiring Industrial Licence category-wise into Category 'A' & 'B' from security angle (copy enclosed), finalized by the Standing Committee on Private Sector Participation in Defence Production in continuation to the Defence Products List forwarded to DIPP vide OM of even number dated 5/06/2014 and 17/06/2014. The Security Manual for licensed industries which is available at DDP's website contains security guidelines to be followed/adopted by the Indian Licensed Industries after the grant of Industrial Licence whenever they undertake manufacture of Defence items. The Manual has been categorized into Category 'A', 'B' & 'C' based on the sensitivity/security involved for manufacture of licensed Defence items. Further, the categorization will be decided and forwarded to DIPP along with the comments of DDP on IL Applications. As per the new list, parts/components of the equipments, castings, forgings, test equipments etc. and other items have been removed as they are not considered sensitive and strategic from security point of view. Therefore in the new list, there are no items which should be categorized into Category 'C'. Hence the licensable Defence items, accordingly, be segregated into Category 'A' and Category 'B', as per the enclosed list.

2. This issues with the approval of Secretary (DP).

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26/8/14*

Ministry of Commerce & Industry  
Department of Industrial Policy & Promotion  
(Shri Promod Kapoor, Under Secretary)  
SIA, PAB-IL Section, Room No. 362  
Udyog Bhawan  
**NEW DELHI.**

**DEFENCE ITEMS REQUIRING INDUSTRIAL LICENCE**  
**CATEGORY-WISE**

**Annexure-I**

<b>All items as per revised Defence Products List</b>	<b>Category 'A'</b>	<b>Category 'B'</b>
<p>1. All Rifle &amp; Smooth-bore weapons and other arms, automatic/Semi-automatic or pump-action type weapons, Weapons using case less ammunition, Silencers, special gun-mountings, weapons sights, signature reduction devices and flash suppressors to include rifles, carbines, revolvers, pistols, machine pistols, multi barrel rocket, machine guns, guns, rocket, cannon &amp; missile systems – used on land, ships &amp; shore based and airborne, howitzers, mortars, anti-tank weapons, projectile launchers, military flame throwers, rifles, recoilless rifles .</p>	<p>All Rifle &amp; Smooth-bore weapons and other arms, automatic/Semi-automatic or pump-action type weapons, Weapons using case less ammunition, carbines, revolvers, pistols, machine pistols, multi barrel rocket, machine guns, guns, rocket, cannon &amp; missile systems – used on land, ships &amp; shore based and airborne, howitzers, mortars, anti-tank weapons, projectile launchers, military flame throwers, rifles, recoilless rifles .</p>	<p>Silencers, special gun-mountings, weapons sights, signature reduction devices and flash suppressors</p>
<p>2. Ammunition and fuze setting devices including the following :-</p> <ul style="list-style-type: none"> <li>a) Safing and arming devices, fuzes, sensors and initiation devices;</li> <li>b) Power supplies with high one-time operational output;</li> <li>c) Combustible cases for charges;</li> <li>d) Submunitions including bomblets, minelets and terminally guided projectiles.</li> </ul>	<p>Ammunition and fuze setting devices including the following :-</p> <ul style="list-style-type: none"> <li>a) Safing and arming devices, fuzes, sensors and initiation devices;</li> <li>b) Submunitions including bomblets, minelets and terminally guided projectiles.</li> </ul>	<ul style="list-style-type: none"> <li>c) Power supplies with high one-time operational output;</li> <li>d) Combustible cases for charges;</li> </ul>
<p>3. Bombs, torpedoes, grenades, smoke canisters, rockets, mines, missiles, depth charges, demolition-charges, demolition-devices, demolition kits, Aircraft missile protection systems (AMPS), "pyrotechnic" devices, cartridges and simulators (i.e., equipment simulating the characteristics of any of these items), specially designed for military use.</p>	<p>Bombs, torpedoes, grenades, smoke canisters, rockets, mines, missiles, depth charges, demolition-charges, demolition-devices, demolition kits, Aircraft missile protection systems (AMPS),</p>	<p>"Pyrotechnic" devices, cartridges and simulators (i.e., equipment simulating the characteristics of any of these items),</p>

<p>4. Ground vehicles, as follows:-</p> <p>(a) Ground vehicles namely Tanks and other military armoured/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.</p> <p>(b) 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.</p> <p>(c) Amphibious, hovercrafts and deep water fording vehicles for military use.</p>	<p>Ground vehicles, as follows:-</p> <p>a) Ground vehicles namely Tanks and other military armoured/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.</p> <p>b) Deep water fording vehicles.</p>	<p>c) Trailers for towed and static weapon systems.</p> <p>d) 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.</p> <p>e) Amphibious, hovercrafts.</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>"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. Vessels of war (surface or underwater), other surface vessels (fitted with automatic weapons having a calibre of 12.7 mm or higher, CBRN protection, active weapon countermeasure systems), special naval equipment, anti- submarine/ torpedo nets, hull penetrators and connectors "specially designed for military use".</p>	<p>Vessels of war (surface or underwater), other surface vessels (fitted with automatic weapons having a calibre of 12.7 mm or higher, CBRN protection, active weapon countermeasure systems), special naval equipment, anti- submarine/ torpedo nets, hull penetrators and connectors.</p>	

<p>7. "Aircraft" including but not limited to helicopters, "lighter-than-air vehicle", Unmanned Aerial Vehicles" (UAVs), Remotely Piloted Vehicles (RPVs), autonomous programmable vehicles, unmanned light than air vehicle (to include all variety of manned and unmanned airborne vehicles – includes target systems, loitering missiles, drones, balloons, blimps, aerostat, parachutes, paragliders, ground effect machines, air cushion vehicles/hovercraft, UAVs and launchers, designed for military applications).</p>	<p>"Aircraft" including but not limited to helicopters, "lighter-than-air vehicle", Unmanned Aerial Vehicles" (UAVs), Remotely Piloted Vehicles (RPVs), autonomous programmable vehicles, unmanned light than air vehicle (to include all variety of manned and unmanned airborne vehicles – includes target systems, loitering missiles, drones designed for military applications).</p>	<p>Balloons, blimps, aerostat, parachutes, paragliders, ground effect machines, air cushion vehicles/hovercraft, UAVs and launchers, designed for military applications.</p>
<p>8. Electronic Equipment used for electronic countermeasure (ECM) and Electronic counter countermeasure(ECCM), surveillance, intelligence, Command and Control systems, Global Navigation Satellite systems (GNSS) jamming equipment.</p> <p>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 communications 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, specially designed for Military Use.</p>	<p>Electronic Equipment used for electronic countermeasure (ECM) and Electronic counter countermeasure(ECCM), surveillance, intelligence, Command and Control systems, Global Navigation Satellite systems (GNSS) jamming equipment.</p> <p>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 communications 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, specially designed for Military Use.</p>	<p><u>Note:</u> Manufacturing of Sub-systems/Sub-assemblies of the items listed in Category 'A' mentioned aside will be in Category 'B'.</p>
<p>9. High velocity kinetic energy weapon systems and related equipment :</p> <p>a) Kinetic energy weapon systems specially designed for destruction or effecting mission-abort of a target;</p>	<p>High velocity kinetic energy weapon systems and related equipment :</p> <p>a) Kinetic energy weapon systems specially designed for destruction or effecting mission-abort of a target;</p>	

<p>b) Specially designed test and evaluation facilities and test models, including diagnostic instrumentation and targets, for dynamic testing of kinetic energy projectiles and systems.</p>	<p>b) Specially designed test and evaluation facilities and test models, including diagnostic instrumentation and targets, for dynamic testing of kinetic energy projectiles and systems.</p>	
<p>10. 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>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>11. 'Specialised equipment for military training' or simulators specially designed for training in the use of any firearm or weapon.</p>		<p>'Specialised equipment for military training' or simulators specially designed for training in the use of any firearm or weapon.</p>
<p>12. 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>Imaging or countermeasure equipment, as follows, specially designed for military use:-</p> <p>a) Infrared or thermal imaging equipment;</p> <p>b) Countermeasure or counter-countermeasure equipment</p>	<p>c) Recorders and image processing equipment;"</p> <p>d) Image intensifier equipment;</p> <p>e) Imaging radar sensor equipment;</p>

<p>13. Directed Energy Weapon (DEW) systems, related or countermeasure "equipment and test models", as follows :-</p> <ul style="list-style-type: none"> <li>a) "Laser" systems specially designed for, destruction or effecting mission, abort of a target;</li> <li>b) Particle beam systems capable of destruction or effecting mission-abort of a target;</li> <li>c) High power Radio- Frequency (RF) systems capable of destruction or effecting mission-abort of a target;</li> <li>d) Equipment specially designed for the detection or identification of; or defence against, systems at (a) and (c) above.</li> <li>e) Physical test models for the systems, equipment and components, specified by this S.No.</li> <li>f) 'Laser protection equipment (e.g. eye and sensor protection)'.</li> </ul>	<p>Directed Energy Weapon (DEW) systems, related or countermeasure "equipment and test models", as follows :-</p> <ul style="list-style-type: none"> <li>a) "Laser" systems specially designed for, destruction or effecting mission, abort of a target;</li> <li>b) Particle beam systems capable of destruction or effecting mission-abort of a target;</li> <li>c) High power Radio- Frequency (RF) systems capable of destruction or effecting mission-abort of a target;</li> <li>d) Equipment specially designed for the detection or identification of; or defence against, systems at (a) and (c) above.</li> </ul>	<ul style="list-style-type: none"> <li>e) Physical test models for the systems, equipment and components, specified by this S.No.</li> <li>f) 'Laser protection equipment (e.g. eye and sensor protection)'.</li> </ul>
<p>14. Cryogenic and superconductive equipment especially designed or configured to be installed in military vehicle.</p>		<p>Cryogenic and superconductive equipment especially designed or configured to be installed in military vehicle.</p>
<p>15. Air Independent Propulsion (AIP) systems (nuclear/conventional) for marine applications.</p>		<p>Air Independent Propulsion (AIP) systems (nuclear/conventional) for marine applications</p>
<p>16. <u>Miscellaneous</u> : Concealment and deception equipment specially designed for military application, including but not limited to special paints, decoys, smoke or obscuration equipment and simulators, and Metal embrittling agents.</p>		<p>Concealment and deception equipment specially designed for military application, including but not limited to special paints, decoys, smoke or obscuration equipment and simulators, and Metal embrittling agents.</p>