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**Supplement No. 4 to Part 744 - ENTITY LIST**


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This Supplement lists certain entities subject to license requirements for specified items under this part 744 of the EAR. License requirements for these entities includes exports and reexports, unless otherwise stated. This list of entities is revised and updated on a periodic basis in this Supplement by adding new or amended notifications and deleting notifications no longer in effect.

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
<b>CHINA, PEOPLE'S REPUBLIC OF</b>	13 Institute, China Academy of Launch Vehicle Technology, (CALT), a.k.a. 713 Institute or Beijing Institute of Control Devices	For all items subject to the EAR .	See §744.3(d) of this part .	66 FR 24265 5/14/01
	33 Institute, a.k.a. Beijing Institute of Automatic Control Equipment	For all items subject to the EAR having a classification other than EAR99 or a classification where the third through fifth digits of the ECCN are "999", e.g., XX999 .	See §744.3(d) of this part .	66 FR 24266 5/14/01
	35 Institute, a.k.a. Beijing Huahang Radio Measurements Research Institute	For all items subject to the EAR having a classification other than EAR99 or a classification where the third through fifth digits of the ECCN are "999", e.g., XX999 .	See §744.3(d) of this part .	66 FR 24266 5/14/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
<b>CHINA, PEOPLE'S REPUBLIC OF</b>	54th Research Institute of China, a.k.a. Communication, Telemetry and Telecontrol Research Institute (CTI)	For all items subject to the EAR having a classification other than EAR99 or a classification where the third through fifth digits of the ECCN are "999", e.g., XX999 .	See §744.3(d) of this part .	66 FR 24266 5/14/01
	Baotou Guanghua Chemical Industrial Corporation, 202 Factory Baotou, Inner Mongolia	For all items subject to the EAR having a classification other than EAR99 .	See §744.2(d) of this part .	66 FR 24266 5/14/01
	Beijing Aerospace Automatic Control Institute, 51 Yong Ding Road Beijing	For all items subject to the EAR having a classification other than EAR99.	See §744.3 of this part.	64 FR 28909 5/28/99
	Beijing Institute of Structure and Environmental Engineering, a.k.a., Beijing Institute of Strength and Environmental Engineering, No. 36 Wanyuan Road Beijing	For all items subject to the EAR having a classification other than EAR99.	See §744.3 of this part.	64 FR 28909 5/28/99
	Beijing Power Machinery Institute	For all items subject to the EAR.	See §744.3(d) of this part.	66 FR 24266 5/14/01
	Beijing University of Aeronautics and Astronautics (BUAA)	For all items subject to the EAR.	See §744.3(d) of this part.	66 FR 24266 5/14/01
	China Aerodynamics Research and Development Center (CARDC) Sichuan Province	For all items subject to the EAR having a classification other than EAR99.	See §744.3 of this part.	64 FR 28909 5/28/99

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
<b>CHINA, PEOPLE'S REPUBLIC OF</b> continued	Chinese Academy of Engineering Physics (a.k.a. Ninth Academy, including the Southwest Institutes of: Applied Electronics, Chemical Materials, Electronic Engineering, Explosives and Chemical Engineering, Environmental Testing, Fluid Physics, General Designing and Assembly, Machining Technology, Materials, Nuclear Physics and Chemistry (a.k.a. China Academy of Eng[ineering] Physics [CAEP]'s 902 Institute, Mianyang), Structural Mechanics; Research and Applications of Special Materials Factory; Southwest Computing Center (all of preceding located in or near Mianyang, Sichuan Province); Institute of Applied Physics and Computational Mathematics, Beijing; and High Power Laser Laboratory, Shanghai)	For all items subject to the EAR.	Case-by-case basis.	62 FR 35334 6/30/97 66 FR 24266 5/14/01
	First Department, China Academy of Launch Vehicle Technology, (CALT)	For all items subject to the EAR.	See §744.3(d) of this part.	66 FR 24266 5/14/01
	Northwest Institute of Nuclear Technology, in the Science Research, Xi'an, Shaanxi	For all items subject to the EAR.	See §744.2 of this part.	64 FR28909 5/28/99
	Northwestern Polytechnical University	For all items subject to the EAR having a classification other than EAR99 or a classification where the third through fifth digits of the ECCN are "999", e.g., XX999.	See §744.3(d) of this part.	66 FR 24266 5/14/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
<b>CHINA, PEOPLE'S REPUBLIC OF</b> continued	Shanghai Academy of Spaceflight Technology, Shanghai, Spaceflight Tower 222 Cao Xi Road Shanghai, 20023	For all items subject to the EAR having a classification other than EAR99 .	See §744.3 of this part .	64 FR 28909 5/28/99
	Shanghai Institute of Space Power-Sources, Shangahi, 388 Cang Wu Rd Shanghai	For all items subject to the EAR having a classification other than EAR99.	See §744.3 of this part.	64 FR 28909 5/28/99
	Southwest Research Institute of Electronics Technology, Chengdu	For all items subject to the EAR having a classification other than EAR99 or a classification where the third through fifth digits of the ECCN are "999", e.g., XX999 .	See §744.3(d) of this part .	66 FR 24267 5/14/01
	Xian Research Institute of Navigation Technology	For all items subject to the EAR having a classification other than EAR99 .	See §744.3(d) of this part .	66 FR 24267 5/14/01
	Xiangdong Machinery Factory	For all items subject to the EAR .	See §744.3(d) of this part .	66 FR 24267 5/14/01
<b>INDIA</b>	Bharat Dynamics Limited	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
INDIA continued	<p>The following subordinates of <b>Defense Research and Development Organization (DRDO)</b>:</p> <p>Armament Research and Development Establishment (ARDE)            Defense Research and Development Lab (DRDL), Hyderabad            Missile Research and Development Complex            Solid State Physics Laboratory</p>	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	<p>●The following <b>Department of Atomic Energy</b> entities:</p> <p>Bhabha Atomic Research Center (BARC)            Indira Gandhi Atomic Research Center (IGCAR)            Indian Rare Earths            Nuclear reactors (including power plants) not under International Atomic Energy Agency (IAEA) safeguards, fuel reprocessing and enrichment facilities, heavy water production facilities and their collocated ammonia plants.</p>	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01 69 FR 56693 09/22/04

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
INDIA continued	<ul style="list-style-type: none"> <li>●The following <b>Department of Atomic Energy</b> entities: Nuclear reactors (including power plants) subject to International Atomic Energy Agency (IAEA) safeguards: Tarapur (TAPS 1 &amp; 2), Rajasthan (RAPS 1 &amp; 2).</li> </ul>	<ul style="list-style-type: none"> <li>●For all items subject to the EAR.</li> </ul>	<ul style="list-style-type: none"> <li>●Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items. Presumption of approval for all items not multilaterally controlled for Nuclear Proliferation (NP1) reasons for use in the "balance of plant"<sup>1</sup> (non-reactor-related end uses) activities at nuclear facilities subject to International Atomic Energy Agency safeguards (Rajasthan 1 &amp; 2 and Tarapur 1 &amp; 2)</li> </ul>	<p>63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01 69 FR 56693 09/22/04</p>
	<ul style="list-style-type: none"> <li>●The following <b>Indian Space Research Organization (ISRO)</b> subordinate entities: - ISRO Telemetry, Tracking and Command Network (ISTRAC) - ISRO Inertial Systems Unit (IISU), Thiruvananthapuram - Liquid Propulsion Systems Center - Solid Propellant Space Booster Plant (SPROB) - Space Applications Center (SAC), Ahmadabad - Sriharikota Space Center (SHAR) - Vikram Sarabhai Space Center (VSSC), Thiruvananthapuram</li> </ul>	<ul style="list-style-type: none"> <li>●For all items subject to the EAR having a classification other than (1) EAR99 or (2) a classification where the third through fifth digits of the ECCN are "999", e.g. XX999.</li> </ul>	<ul style="list-style-type: none"> <li>●Case-by-case review for all items on the CCL.</li> </ul>	<p>63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01 69 FR56693 09/22/04</p>

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
ISRAEL	Ben Gurion University Israel	For computers above the Tier 3 level described in §742.12(b)(3)(i)(B).	Case-by-case basis.	62 FR 4910 2/3/97 65 FR 12919 03/10/00
	Nuclear Research Center at Negev Dimona, Israel	For all items subject to the EAR.	Case-by-case basis.	62 FR 35334 6/30/97
PAKISTAN	Abdul Qader Khan Research Laboratories, a.k.a. Khan Research Laboratories (KRL), a.k.a. Engineering Research Laboratories (ERL), Kahuta	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Al Technique Corporation of Pakistan, Ltd.	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Allied Trading Co.	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
<b>PAKISTAN</b> continued	ANZ Importers and Exporters, Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Defence Science and Technology Organization (DESTO), Rawalpindi	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	High Technologies, Ltd., Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Karachi CBW Research Institute, University of Karachi’s Husein Ebrahim Jamal Research Institute of Chemistry (HEJRIC)	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 66 FR 50090 10/01/01
	Lastech Associates, Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01

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PAKISTAN continued	Machinery Master Enterprises, Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Maple Engineering Pvt. Ltd. Consultants, Importers and Exporters	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Orient Importers and Exporters, Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
PAKISTAN continued	<p><b>Pakistan Atomic Energy Commission (PAEC)</b>, and the following subordinate entities:</p> <p>National Development Complex (NDC) Nuclear reactors (including power plants), fuel reprocessing and enrichment facilities, all uranium processing, conversion and enrichment facilities, heavy water production facilities and any collocated ammonia plants Pakistan Institute for Nuclear Science and Technology (PINSTECH)</p>	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	People's Steel Mills, Karachi	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Prime International	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
PAKISTAN continued	Space and Upper Atmospheric Research Commission (SUPARCO)	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Technical Services, Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	The Tempest Trading Company, Islamabad	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Unique Technical Promoters	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
	Wah Chemical Product Plant	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 66 FR 50090 10/01/01

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
PAKISTAN continued	Wah Munitions Plant, a.k.a. Explosives Factory, Pakistan Ordnance Factories (POF)	For all items subject to the EAR.	Case-by-case for all items listed on the CCL. Presumption of approval for EAR99 items.	63 FR 64322 11/19/98 65 FR 14444 03/17/00 66 FR 50090 10/01/01
RUSSIA	All-Russian Scientific Research Institute of Technical Physics, (a.k.a. VNIITF, Chelyabinsk-70, All-Russian Research Institute of Technical Physics, ARITP, Russian Federal Nuclear Center) located in either Snezhinsk or Kremlev (Sarov)	For all items subject to the EAR.	Case-by-case basis.	62 FR 35334 6/30/97 66 FR 24267 5/14/01
	All-Union Scientific Research Institute of Experimental Physics, (a.k.a. VNIIEF, Arzamas-16, Russian Federal Nuclear Center, All Russian Research Institute of Experimental Physics, ARIEP, Khariton Institute) located in either Snezhinsk or Kremlev (Sarov)	For all items subject to the EAR.	Case-by-case basis.	62 FR 35334 6/30/97 66 FR 24267 5/14/01
	Baltic State Technical University, 1/21, 1-ya Krasnoarmeiskaya Ul., 198005, St. Petersburg	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	63 FR 40363 7/29/98
	Europalace 2000, Moscow	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	63 FR 40363 7/29/98
	Glavkosmos, 9 Krasnoproletarskaya St., 103030 Moscow	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	63 FR 40363 7/29/98

COUNTRY	ENTITY	LICENSE REQUIREMENT	LICENSE REVIEW POLICY	FEDERAL REGISTER CITATION
RUSSIA continued	Grafit (a.k.a. State Scientific Research Institute of Graphite or NIIGRAFIT), 2 Ulitsa Elektrodnyaya, 111524, Moscow	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	63 FR 40363 7/29/98
	Medeleyev University of Chemical Technology of Russia (including at 9 Miusskaya Sq. Moscow 125047, Russia)	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	64 FR 14606 3/26/99
	Ministry for Atomic Power of Russia (any entities, institutes, or centers associated with) located in either Snezhinsk or Kremlev (Sarov)	For all items subject to the EAR.	Case-by-case basis.	62 FR 35334 6/30/97 66 FR 24267 5/14/01
	Moscow Aviation Institute (MAI) (including at 4 Volokolamskoye Shosse, Moscow 125871, Russia)	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	64 FR 14606 3/26/99
	MOSO Company, Moscow	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	63 FR 40363 7/29/98
	The Scientific Research and Design Institute of Power Technology (a.k.a. NIKIET, Research and Development Institute of Power Engineering (RDIPE), and ENTEK) (including at 101000, P.O. Box 788, Moscow, Russia)	For all items subject to the EAR (see §744.10 of the EAR).	Presumption of denial.	64 FR 14606 3/26/99

<sup>1</sup> “Balance of Plant” refers to the part of a nuclear power plant used for power generation (*e.g.*, turbines, controllers, or power distribution) to distinguish it from the nuclear reactor.