

Pt. 745

Dera Ghazi Khan Uranium Mine, Dera Ghazi Khan
Directorate of Technical Development
Directorate of Technical Equipment
Directorate of Technical Procurement
Hard Rock Division, Peshawar
Hawkes Bay Depot
Heavy Water Production Plant, KANUPP, Karachi
Institute of Nuclear Power, Islamabad
Issa Khel/Kubul Kel Uranium Mines and Mills, Miniawali District
Karachi Nuclear Power Plant (KANUPP), Karachi
KANUPP Institute of Nuclear Power Engineering (KINPOE), Karachi
Khushab Reactor, Khushab, Punjab
Mineral Sands Program, Karachi
Multan Heavy Water Production Facility, Multan Division, Punjab
National Engineering Service of Pakistan, CHASMA Nuclear Power Plant (CHASNUPP), Kundian
Science and Engineering Services Directorate
Uranium Conversion Facility, Islamabad

PAKISTAN INSTITUTE FOR NUCLEAR SCIENCE AND TECHNOLOGY (PINSTECH):

New Laboratories, Rawalpindi
Nuclear Track Detection Center
Parr-1 Research Reactor
Parr-2 Research Reactor
Pilot Reprocessing Plant, New Laboratories
Solid State Nuclear Track Detection Center

SPACE AND UPPER ATMOSPHERIC RESEARCH COMMISSION (SUPARCO):

Aerospace Institute, Islamabad
Computer Center, Karachi
Control System Laboratories
Flight Test Range, Sonmiani Beach
Instrumentation Laboratories, Karachi
Material Research Division
Quality Control and Assurance Unit
Rocket Bodies Manufacturing Unit
Solid Composite Propellant Unit
Space and Atmospheric Research Center, Karachi
Static Test Unit, Karachi

[63 FR 64325, Nov. 19, 1998, as amended at 63 FR 65552, Nov. 27, 1998; 64 FR 14606, Mar. 26, 1999; 64 FR 28910, May 28, 1999; 65 FR 14446, Mar. 17, 2000; 65 FR 45843, July 26, 2000; 65 FR 60856, Oct. 13, 2000]

PART 745—CHEMICAL WEAPONS CONVENTION REQUIREMENTS

Sec.

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745.2 End-Use Certificate reporting requirements under the Chemical Weapons Convention.

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SUPPLEMENT NO. 3 TO PART 745—FOREIGN GOVERNMENT AGENCIES RESPONSIBLE FOR ISSUING END-USE CERTIFICATES PURSUANT TO § 745.2

AUTHORITY: 50 U.S.C. 1701 *et seq.*; E.O. 12938, 59 FR 59099, 3 CFR, 1994 Comp., p. 950; Notice of November 12, 1998, 63 FR 63589, 3 CFR, 1998 Comp., p. 305; Notice of August 10, 1999, 64 FR 44101 (August 13, 1999).

SOURCE: 64 FR 27143, May 18, 1999, unless otherwise noted.

§ 745.1 Advance notification and annual report of all exports of Schedule 1 chemicals to other States Parties.

Pursuant to the Convention, the United States is required to notify the Organization for the Prohibition of Chemical Weapons (OPCW) not less than 30 days in advance of every export of a Schedule 1 chemical, in any quantity, to another State Party. In addition, the United States is required to provide a report of all exports of Schedule 1 chemicals to other States Parties during each calendar year. If you plan to export any quantity of a Schedule 1 chemical controlled under the EAR and licensed by the Department of Commerce or controlled under the International Traffic in Arms Regulations (ITAR) and licensed by the Department of State, you are required under this section to notify the Department of Commerce in advance of this export. You are also required to provide an annual report of exports that actually occurred during the previous calendar year. The United States will transmit the advance notifications and an aggregate annual report to the OPCW of exports of Schedule 1 chemicals from the United States. Note that the notification and annual report requirements of this section do not relieve the exporter of any requirement to obtain a license from the Department of Commerce for

the export of Schedule 1 chemicals subject to the EAR or from the Department of State for the export of Schedule 1 chemicals subject to the ITAR.

(a) *Advance notification of exports.* You must notify BXA at least 45 calendar days prior to exporting any quantity of a Schedule 1 chemical listed in Supplement No. 1 to this part to another State Party. This is in addition to the requirement to obtain an export license under the EAR for chemicals controlled by ECCN 1C350 or 1C351 for any reason for control, or from the Department of State for Schedule 1 chemicals controlled under the ITAR. Note that such notifications may be sent to BXA prior to or after submission of a license application to BXA for Schedule 1 chemicals controlled subject to the EAR and under ECCNs 1C350 or 1C351 or to the Department of State for Schedule 1 chemicals controlled on the ITAR. Such notices must be submitted separately from license applications.

(1) Such notification should be on company letterhead or must clearly identify the reporting entity by name of company, complete address, name of contact person and telephone and fax numbers, along with the following information:

- (i) Common Chemical Name;
- (ii) Structural formula of the chemical;
- (iii) Chemical Abstract Service (CAS) Registry Number;
- (iv) Quantity involved in grams;
- (v) Planned date of export;
- (vi) Purpose (end-use) of export;
- (vii) Name of recipient;
- (viii) Complete street address of recipient;
- (ix) Export license or control number, if known; and
- (x) Company identification number, once assigned by BXA.

(2) Send the notification by fax to (703) 235-1481 or to the following address, for mail and courier deliveries: Information Technology Team, Department of Commerce, Bureau of Export Administration, 1555 Wilson Boulevard, Suite 710, Arlington, VA 22209. Attn: "Advance Notification of Schedule 1 Chemical Export".

(3) Upon receipt of the notification, BXA will inform the exporter of the

earliest date the shipment may occur under the notification procedure. To export the Schedule 1 chemical, the exporter must have applied for and been granted a license (see §§ 742.2 and 742.18 of the EAR, or the ITAR at 22 CFR part 121).

(b) *Annual report of exports.* (1) You must report all exports of any quantity of a Schedule 1 chemical to another State Party during the previous calendar year, starting with exports taking place during calendar year 1997. Reports for exports during calendar years 1997 and 1998 are due to the Department of Commerce August 16, 1999. Thereafter, annual reports of exports are due on February 13 of the following calendar year. The report should be on company letterhead or must clearly identify the reporting entity by name of company, complete address, name of contact person and telephone and fax numbers along with the following information for *each* export:

- (i) Common Chemical Name;
- (ii) Structural formula of the chemical;
- (iii) CAS Registry Number;
- (iv) Quantity involved in grams;
- (v) Date of export;
- (vi) Export license number;
- (vii) Purpose (end-use) of export;
- (viii) Name of recipient;
- (ix) Complete address of recipient, including street address, city and country; and (x) Company identification number, once assigned by BXA.

(2) The report must be signed by a responsible party, certifying that the information provided in the annual report is, to the best of his/her knowledge and belief, true and complete.

(3) Send the report by fax to (703) 235-1481 or to the following address, for mail and courier deliveries: Information Technology Team, Department of Commerce, Bureau of Export Administration, 1555 Wilson Boulevard, Suite 710, Arlington, VA 22209. Attn: "Annual Report of Schedule 1 Chemical Export".

[64 FR 27143, May 18, 1999, as amended at 64 FR 28909, May 28, 1999; 65 FR 12923, Mar. 10, 2000]

§ 745.2

§ 745.2 End-Use Certificate reporting requirements under the Chemical Weapons Convention.

NOTE: The End-Use Certificate requirement of this section does not relieve the exporter of any requirement to obtain a license from the Department of Commerce for the export of Schedule 2 or Schedule 3 chemicals subject to the Export Administration Regulations or from the Department of State for the export of Schedule 2 or Schedule 3 chemicals subject to the International Traffic in Arms Regulations.

(a)(1) No U.S. person, as defined in § 744.6(c) of the EAR, may export from the United States any Schedule 2 or Schedule 3 chemical identified in Supplement No. 1 to this part to countries not party to the Chemical Weapons Convention (destinations *not* listed in Supplement No. 2 to this part) unless the U.S. person obtains from the consignee an End-Use Certificate issued by the government of the importing destination. This Certificate must be issued by the foreign government's agency responsible for foreign affairs or any other agency or department designated by the importing government for this purpose. Supplement No. 3 to this part includes foreign authorized agencies responsible for issuing End-Use Certificates pursuant to this section. Additional foreign authorized agencies responsible for issuing End-Use Certificates will be included in Supplement No. 3 to this part when known. End-Use Certificates may be issued to cover aggregate quantities against which multiple shipments may be made to a single consignee. An End-Use Certificate covering multiple shipments may be used until the aggregate quantity is shipped. End-Use Certificates must be submitted separately from license applications.

(2) Submit a copy of the End-Use Certificate to the Department of Commerce by fax at (703) 235-1481 or to the following address no later than 7 days after the date of export, for mail and courier deliveries: Information Technology Team, Department of Commerce, Bureau of Export Administration, 1555 Wilson Boulevard, Suite 710, Arlington, VA 22209. Attn: CWC End-Use Certificate Report.

(b) The End-Use Certificate described in paragraph (a) of this section must state the following:

(1) That the chemicals will be used only for purposes not prohibited under the Chemical Weapons Convention;

(2) That the chemicals will not be transferred to other end-user(s) or end-use(s);

(3) The types and quantities of chemicals;

(4) Their specific end-use(s); and

(5) The name(s) and complete address(es) of the end-user(s).

[64 FR 27143, May 18, 1999, as amended at 64 FR 49381, Sept. 13, 1999]

SUPPLEMENT NO. 1 TO PART 745—
SCHEDULES OF CHEMICALS

	C.A.S. Registry No.
Schedule 1	
A. Toxic chemicals:	
(1) O-Alkyl (≤C ₁₀ , incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates e.g. Sarin: O-Isopropyl methylphosphonofluoridate	107-44-8
Soman: O-Pinacolyl methylphosphonofluoridate	96-64-0
(2) O-Alkyl (≤C ₁₀ , incl. cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates e.g. Tabun: O-Ethyl N,N-dimethyl phosphoramidocyanidate	77-81-6
(3) O-Alkyl (H or ≤C ₁₀ , incl. cycloalkyl) S-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates and corresponding alkylated or protonated salts e.g. VX: O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate	50782-69-9
(4) Sulfur mustards: 2-Chloroethylchloromethylsulfide Mustard gas: Bis(2-chloroethyl)sulfide	2625-76-5 505-60-2
Bis(2-chloroethylthio)methane	63869-13-6
Sesquimustard: 1,2-Bis(2-chloroethylthio)ethane	3563-36-8
1,3-Bis(2-chloroethylthio)-n-propane	63905-10-2
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7
1,5-Bis(2-chloroethylthio)-n-pentane	142868-94-8
Bis(2-chloroethylthiomethyl)ether O-Mustard: Bis(2-chloroethylthioethyl)ether	63918-90-1 63918-89-8
(5) Lewisites: Lewisite 1: 2-Chlorovinylchloroarsine	541-25-3
Lewisite 2: Bis(2-chlorovinyl)chloroarsine	40334-69-8
Lewisite 3: Tris(2-chlorovinyl)arsine	40334-70-1
(6) Nitrogen mustards: HN1: Bis(2-chloroethyl)ethylamine	538-07-8
HN2: Bis(2-chloroethyl)methylamine	51-75-2

	C.A.S. Registry No.
HN3: Tris(2-chloroethyl)amine	555-77-1
(7) Saxitoxin	35523-89-8
(8) Ricin	9009-86-3
B. Precursors:	
(9) Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides e.g. DF: Methylphosphonyldifluoride	676-99-3
(10) O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) O-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts e.g. QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite	57856-11-8
(11) Chlorosarin: O-Isopropyl methylphosphonochloridate	1445-76-7
(12) Chlorosoman: O-Pinacolyl methylphosphonochloridate	7040-57-5

Schedule 2

A. Toxic chemicals:	
(1) Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts	78-53-5
(2) PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene	382-21-8
(3) BZ: 3-Quinuclidinyl benzilate	6581-06-2
B. Precursors:	
(4) Chemicals, except for those listed in Schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms, e.g. Methylphosphonyl dichloride Dimethyl methylphosphonate	676-97-1 756-79-6
Exemption: Fonofos: O-Ethyl S-phenyl ethylphosphonothiolothionate	944-22-9
(5) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides	
(6) Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates	
(7) Arsenic trichloride	7784-34-1
(8) 2,2-Diphenyl-2-hydroxyacetic acid	76-93-7
(9) Quinuclidine-3-ol	1619-34-7
(10) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts	
(11) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts Exemptions: N,N-Dimethylaminoethanol and corresponding protonated salts N,N-Diethylaminoethanol and corresponding protonated salts	108-01-0 100-37-8
(12) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts	
(13) Thiodiglycol: Bis(2-hydroxyethyl)sulfide	111-48-8
(14) Pinacolyl alcohol: 3,3-Dimethylbutane-2-ol	464-07-3

Schedule 3

A. Toxic chemicals:

	C.A.S. Registry No.
(1) Phosgene: Carbonyl dichloride	75-44-5
(2) Cyanogen chloride	506-77-4
(3) Hydrogen cyanide	74-90-8
(4) Chloropicrin: Trichloronitromethane	76-06-2
B. Precursors:	
(5) Phosphorus oxychloride	10025-87-3
(6) Phosphorus trichloride	7719-12-2
(7) Phosphorus pentachloride	10026-13-8
(8) Trimethyl phosphite	121-45-9
(9) Triethyl phosphite	122-52-1
(10) Dimethyl phosphite	868-85-9
(11) Diethyl phosphite	762-04-9
(12) Sulfur monochloride	10025-67-9
(13) Sulfur dichloride	10545-99-0
(14) Thionyl chloride	7719-09-7
(15) Ethyldiethanolamine	139-87-7
(16) Methyl-diethanolamine	105-59-9
(17) Triethanolamine	102-71-6

SUPPLEMENT NO. 2 TO PART 745—STATES PARTIES TO THE CONVENTION ON THE PROHIBITION OF THE DEVELOPMENT, PRODUCTION, STOCKPILING, AND USE OF CHEMICAL WEAPONS AND ON THEIR DESTRUCTION

LIST OF STATES PARTIES AS OF SEPTEMBER 13, 1999

- Albania
- Algeria
- Argentina
- Armenia
- Australia
- Austria
- Bahrain
- Bangladesh
- Belarus
- Belgium
- Benin
- Bolivia
- Bosnia-Herzegovina
- Botswana
- Brazil
- Brunei Darussalam
- Bulgaria
- Burkina Faso
- Burundi
- Cameroon
- Canada
- Chile
- China*
- Cook Islands
- Costa Rica
- Cote d'Ivoire (Ivory Coast)
- Croatia
- Cuba
- Cyprus
- Czech Republic
- Denmark
- Ecuador
- El Salvador

*For CWC purposes only, China includes Hong Kong.

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Equatorial Guinea
Estonia
Ethiopia
Fiji
Finland
France
Gambia
Georgia
Germany
Ghana
Greece
Guinea
Guyana
Holy See
Hungary
Iceland
India
Indonesia
Iran
Ireland
Italy
Japan
Jordan
Kenya
Korea (Republic of)
Kuwait
Laos (P.D.R.)
Latvia
Lesotho
Lithuania
Luxembourg
Macedonia
Malawi
Maldives
Mali
Malta
Mauritius
Mauritania
Mexico
Micronesia
Moldova (Republic of)
Monaco
Mongolia
Morocco
Namibia
Nepal
Netherlands
New Zealand
Niger
Nigeria
Norway
Oman
Pakistan
Panama
Papua New Guinea
Paraguay
Peru
Philippines
Poland
Portugal
Qatar
Romania
Russian Federation
Saint Lucia
Saudi Arabia
Senegal
Seychelles

Singapore
Slovak Republic
Slovenia
South Africa
Spain
Sri Lanka
Sudan
Suriname
Swaziland
Sweden
Switzerland
Tajikistan
Tanzania
Togo
Trinidad and Tobago
Tunisia
Turkey
Turkmenistan
United Kingdom
Ukraine
United States
Uruguay
Uzbekistan
Venezuela
Vietnam
Zimbabwe

[64 FR 27143, May 18, 1999, as amended at 64 FR 49381, Sept. 13, 1999]

SUPPLEMENT NO. 3 TO PART 745—FOREIGN AUTHORIZED AGENCIES RESPONSIBLE FOR ISSUING END-USE CERTIFICATES PURSUANT TO § 745.2

Israel
Chemical, Environment Technology Administration, Ministry of Industry & Trade, 30 Agron Street, Jerusalem 94190, Israel
Contact: Josef Dancona, Deputy Director, Telephone: 972-2-6220193, Fax: 972-2-6241987

Taiwan¹
Board of Foreign Trade, Ministry of Economic Affairs, 1 Hukou St., Taipei, Tel: (02) 2351-0271, Fax: (02) 2351-3603
Export Processing Zone Administration, Ministry of Economic Affairs, 600 Chiachang Rd., Nantze, Kaohsiung, Tel: (07) 361-1212, Fax: (07) 361-4348
Science-Based Industrial Park Administration, National Science Council, Executive Yuan, 2 Hsin-an Rd., Hsinchu, Tel: (03) 577-3311, Fax: (03) 577-6222

[64 FR 27143, May 18, 1999, as amended at 64 FR 43982, Sept. 13, 1999]

¹Two of the three offices (Export Processing Zone Administration and the Science-Based Industrial Park Administration) are in special economic zones and are responsible for the activity in their respective zones.