## THE OZONE DEPLETING SUBSTANCES (REGULATION AND CONTROL) RULES, 2000

#### MINISTRY OF ENVIRONMENT AND FORESTS

#### **NOTIFICATION**

New Delhi, the 19th July, 2000

\*S.O.670(E).\_\_\_\_Whereas the draft Ozone Depleting Substances (Regulation)Rules,2000 were published, under the notification of the Government of India in the Ministry of Environment & Forests number S.O.69(E), dated, the 25<sup>th</sup> January,2000, in the Gazette of India, Extra-ordinary, Part-II, Section 3, sub-section(ii) at pages 39-96 on the same date, inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of the period of forty-five days from the date on which the copies of the Gazette containing the said notification are made available to the public;

And whereas copies of the said Gazette were made available to the public on 26.01.2000;

And whereas the objections and suggestions received from the public in respect of the said draft rules have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sections 6,8 and 25 of the Environment (Protection) Act, 1986, the Central Government hereby makes the following rules for regulating ozone depleting substances, namely: -

#### 1. SHORT TITLE AND COMMENCEMENT.-

- (1) These rules may be called the **Ozone Depleting Substances** (**Regulation and Control**) **Rules**, 2000.
- (2) They shall come into force on the date of their publication in the Official Gazette.

#### 2. **DEFINITIONS.-**

In these rules unless the context otherwise requires,-

- (a) "Act" means the Environment (Protection) Act, 1986 (29 of 1986);
- (b) "authority" means an authority mentioned in columns (4) and (6) of Schedule V;
- (c) "base level" means the quantity of ozone depleting substance produced or consumed, as the case may be, in the year or average of the years listed in column (3) of Schedule II and Schedule III;

<sup>\*</sup> As published in Govt. of India Gazette vide S.O. 670 (E), dated 19.07.2000.

- (d) "consumption" with respect to any ozone depleting substance means the amount of that substance produced in India in addition to the amount imported, less the amount exported;
- (e) "calculated level of production, sale, import or export", as the case may be, means level determined by multiplying quantity of the ozone depleting substance by its ozone depleting potential specified in column (5) of Schedule I;
- (f) "calculated level of consumption" shall be determined by adding together calculated levels of production and imports and subtracting calculated level of exports;
- (g) "Group" means collection of one or more ozone depleting substances as specified in column (4) of Schedule I;
- (h) "manufacture" in relation to any ozone depleting substance includes-
  - (i) any process or part of a process for making, altering, finishing, packing, labeling, blending or otherwise treating or any ozone depleting substance with a view to sell, distribute or use but does not include the repacking or breaking up of any ozone depleting substance in the ordinary course of retail business; and
  - (ii) any process in which a preparation containing ozone depleting substance is formulated;
- (i) "ozone depleting substance" means the ozone depleting substances specified in column(2) of Schedule I, whether existing by itself or in a mixture, excluding any such substance or mixture (blend) which is in a manufactured product other than a container used for the transportation or storage of such substance;
- (j) "parties" means, unless the text otherwise indicates, parties to the protocol;
- (k) "pre-shipment applications" are those treatments applied directly preceding and in relation to export, to meet the phytosanitary or sanitary requirements of the importing country or existing phytosanitary or sanitary requirements of the exporting country;
- (l) "production" in relation to any ozone depleting substance means the manufacture of an ozone depleting substance from any raw material or feedback chemicals, but does not include-

- (i) the manufacture of a substance that is used and entirely consumed (except for trace quantity) in the manufacture of other chemicals; or
- (ii) quantities which are produced incidentally in the manufacture of other chemical substances; or
- (iii) quantities which are recycled or reused; or
- (iv) quantities which are destroyed by technologies to be specified by the Central Government;
- (m) "protocol" means the Montreal Protocol On Substances That Deplete The Ozone Layer, adopted on 16<sup>th</sup> September 1987;
- (n) "quarantine applications", with respect to Group VIII of Schedule I ozone depleting substance, are treatments to prevent the introduction, establishment and or spread of quarantine pests (including diseases), or to ensure their control as specified by the Central Government;
- (o) "recovery" means collection and storage of ozone depleting substances from machinery, equipment, or containment vessel during servicing or prior to disposal;
- (p) "reclamation" means reprocessing and upgrading of a recovered ozone depleting substance through such methods as filtering, drying, distillation and, or chemical treatment in order to restore the substance to a specified standard of performance.
- (g) "schedule" means a schedule annexed to these rules.

## 3. REGULATION OF PRODUCTION AND CONSUMPTION OF OZONE DEPLETING SUBSTANCES.-

(1) No person shall produce or cause to produce any ozone depleting substance after the date specified in column (5) of Schedule V unless he is registered with the authority specified in column (4) of that Schedule:

Provided that for the twelve month period commencing on the date specified in column (6) of Schedule II, and in each twelve month period thereafter, no person shall produce or cause to be produced any group of ozone depleting substances in excess of the corresponding percentage of his calculated base level of production specified in column (4) of that Schedule:

Provided further that calculated level of consumption of such substances in India shall, as a percentage of calculated level of consumption in base years does not exceed the number specified in column (5) of Schedule II.

- (2) No person shall produce or cause to produce ozone depleting substances specified as Group I and Group III in column (4) of Schedule I during the period from 1, August, 2000 to 1<sup>st</sup> January, 2010 in excess of the quantity specified in column (4) of Schedule III and the calculated level of consumption of such substances in India shall as a percentage of calculated level of consumption in base year does not exceed the number specified in column (5) of that Schedule.
- (3) A person having received financial assistance from the Multilateral Fund in accordance with article 10 and 10 A of the protocol to which the Central Government is a party for gradual reduction of production of ozone depleting substances specified as Group I and Group III in column (4) of Schedule I shall, limit the production of ozone depleting substances as specified in Group I and Group III in column (4) of Schedule I in each year from 1<sup>st</sup> August, 2000 to January 1, 2010 to quantities specified in column (4) for each year given in column (6) of Schedule III as per the agreement approved, by the Executive Committee of the Multilateral Fund.
- (4) In order to implement the agreement, referred to in sub-rule (3), the Central Government shall introduce implementation modalities, such as, quota system for producing Chlorofluorocarbons and the non-compliance with such modalities shall result in consequential penalties laid out in the agreement.

## 4. PROHIBITION ON EXPORT TO OR IMPORT FROM COUNTRIES NOT SPECIFIED IN SCHEDULE VI.-

No person shall import or cause to import from or export or cause to export to any country not specified in Schedule VI any ozone depleting substance after the commencement of these rules.

# 5. OZONE DEPLETING SUBSTANCES ARE TO BE EXPORTED TO OR IMPORTED FROM COUNTRIES SPECIFIED IN SCHEDULE VI UNDER A LICENCE.-

- (1) No person shall import or cause to import from or export or cause to export to, any country specified in Schedule VI, any ozone depleting substance unless he obtains a licence issued by the authority.
- (2) No licence shall be issued under sub-rule (1) 7 unless the said authority is satisfied that the grant of licence shall not cause calculated level of consumption of that group of ozone depleting substances (except Group I and Group III given in column (4) of schedule I in the relevant twelve month period, as a percentage of corresponding calculated consumption in base years, to exceed the number specified in column (5) of Schedule II.
- (3) No licence shall be issued under sub-rule (1) unless the said authority is satisfied that the grant of licence shall not cause calculated level of consumption of ozone depleting substance given in Group I and III in column (4) of Schedule I in the relevant twelve months period as specified in column (6) of Schedule III, as a percentage of calculated consumption in base years to exceed the number specified in column (5) of that Schedule.

(4) The calculated base level of consumption and the calculated base level of production for India as a whole for each group of ozone depleting substances shall be notified by the Central Government.

### 6. REGULATION OF THE SALE OF OZONE DEPLETING SUBSTANCES.-

(1) No person shall either himself or by any other person on his behalf or enterprise sell, stock or exhibit for sale or distribute any ozone depleting substance after the date specified in column (5) of Schedule V unless he is registered with the authority specified in column (4) of that Schedule.

Provided that no person or enterprise shall sell ozone depleting substances specified in column (3) of Schedule IV for activities specified in column (2) of that Schedule unless the person engaged in that activity has got himself registered with the authority and have given a declaration in accordance with these rules and the person selling ozone depleting substances has verified particulars of the registration given in the declaration with the certificate of registration as per procedure specified in Part II of Schedule XII:

Provided further that after the date specified in column (4) of Schedule IV, no person or enterprise shall sell, stock, distribute or exhibit or cause to be sold, stocked, distributed or exhibited ozone depleting substances specified in column (3) for activities specified in column (2) of that Schedule.

- (2) No person shall either himself or by any person on his behalf, or enterprise sell, stock or exhibit for sale or distribute any ozone depleting substance to any person or enterprise who has informed the Central Government that he or that enterprise shall not use the specified ozone depleting substances in manufacturing or other activities after the date specified by such person or as the case may be, the enterprise.
- (3) The Central Government shall notify the list of persons, ozone depleting substances and dates informed to it under sub-rule(2).

#### 7. REGULATION ON THE PURCHASE OF OZONE DEPLETING SUBSTANCES.-

No person shall himself or by any person on his behalf or enterprise, purchase ozone depleting substances specified in column (3) of Schedule IV from any person for making stock or for using such ozone depleting substances for activities specified in column (2) of that Schedule unless he has given the declaration specified in Part I of Schedule XII to the seller of such substances within the time period specified in Serial number 4 of column (5) of Schedule V.

#### 8. REGULATION ON THE USE OF OZONE DEPLETING SUBSTANCE.-

(1) No person or enterprise shall engage in any activity specified in column (2) of Schedule IV that uses ozone depleting substances specified in column (3) of that Schedule after the date specified in column (5) of Schedule V unless he is registered with the authority specified in column (4) of that Schedule.

- (2) No person shall engage in any activity specified in column (2) of Schedule IV using ozone depleting substances specified in column (3) of that Schedule after the date specified in column (5) of Schedule V unless the products are labeled to indicate the ozone depleting substances they contain.
- (3) No person shall engage in any activity specified in column (2) of Schedule IV using ozone depleting substances specified in column (3) after the date specified in column (4) of that Schedule.
- (4) No person shall engage in any activity specified in column (2) of Schedule IV without using label indicating absence of use of ozone depleting substance mentioned in column (3) after the date specified in column (4) of that Schedule.
- (5) A person, having received financial and technical assistance from the Multilateral Fund in accordance with the Article 10 and 10 A of the Montreal Protocol On Substances That Deplete The Ozone Layer, to which the Central Government is a Party for phasing out of ozone depleting substances specified in column (2) the Schedule II used in activities specified in Column (2) of Schedule IV, either himself or by any person on his behalf or through any enterprise, shall not engage in such activity as specified in column (2) of Schedule IV using ozone depleting substances specified in column (3) of the Schedule, after the date of completion of the conversion work or signing of the Handing Over Protocol, or the submission of the completion report to change from ozone depleting substance technology and the said date be registered with the authority specified in column (4) of the Schedule IV.
- (6) Any person or enterprise having received, financial assistance from the Multilateral Fund in accordance with the Article 10 and 10 A of Montreal Protocol On Substances That Deplete The Ozone Layer shall submit an affidavit or declaration with the authority specified in column (4) of Schedule V stating that replaced equipment, resulted from completion of conversion process from ozone depleting substance technology to no ozone depleting substance technology, have been destroyed, dismantled, rendered unusable and that no ozone depleting substance should be used after the date of completion of project and the said date be registered with the authority specified in the column (4) of the Schedule V.

## 9. PROHIBITION ON NEW INVESTMENT WITH OZONE DEPLETING SUBSTANCES.-

- (1) No Prohibition on person shall establish or expand or cause to establish or expand any manufacturing facility for production of any ozone depleting substance after the date specified in column (7) of Schedule II and III.
- (2) No person shall establish or expand or cause to establish or expand any manufacturing facility, with a view to manufacturing products which contain, or are made with, any ozone depleting substance after the date specified in column (8) of Schedule II & III.

(3) A person having received financial and technical assistance from the Multilateral Fund in accordance with the Article 10 and 10A of the Montreal Protocol On Substances That Deplete The Ozone Layer for phasing out of ozone depleting substances specified in column (2) of Schedule II used in activities specified in column (2) of Schedule IV to which the Central Government is a Party, shall not establish or expand or cause to establish or expand the manufacturing facility for production of any ozone depleting substances or with a view of manufacturing products which contain or are made with any ozone depleting substances after the approval of the project for conversion and date of completion of the conversion work from the ozone depleting substance technology to non ozone depleting substance technology.

## 10. REGULATION OF IMPORT, EXPORT AND SALE OF PRODUCTS MADE WITH OR CONTAINING OZONE DEPLETING SUBSTANCES.-

(1) No person shall import or cause to import any product specified in column (2) of Schedule VII which are made with or contain ozone depleting substances specified in column (3) after the date specified in column (4) of that Schedule unless he obtains a license issued by the authority:

Provided that such products which do not contain such ozone depleting substances shall carry a label to that effect before its import is allowed after the date specified in Column 4 of Schedule VII.

- (2) No person or enterprise shall export or cause to export any product specified in column (2) of Schedule VII unless such product carries a label specifying whether or not the product has been made with or contains, as the case may be, ozone depleting substances specified in column (3) of that Schedule, after the date specified in column (5) of that Schedule.
- (3) No person shall either himself or by any other person or enterprise on his behalf sell, stock or exhibit for sale or distribute any product resulting out of activities, or provide services, specified in column (2) of Schedule IV using ozone depleting substances specified in column (3) after the date specified in column (4) of that Schedule.

## 11. REGULATION ON RECLAMATION AND DESTRUCTION OF OZONE DEPLETING SUBSTANCES.-

- (1) No person shall reclaim or cause to reclaim any ozone depleting substance after the date specified in column (5) of Schedule V unless he has registered with the authority specified in column (4) of that Schedule.
- (2) No person shall destroy or cause to destroy any ozone depleting substance after the date specified in column (5) of Schedule V unless he has registered with the authority specified in column (4) of that Schedule.

## 12. REGULATION ON MANUFACTURE, IMPORT AND EXPORT OF COMPRESSORS.-

(1)No person shall manufacture, import or export compressors after the date specified in column (5) of Schedule V unless he is registered with the authority specified in column (4) of that Schedule.

## 13. PROCEDURE FOR REGISTRATION, CANCELLATION OR REGISTRATION AND APPEAL AGAINST SUCH ORDERS.-

- (1) The procedure for registration and conditions of registration under various provisions of these rules shall be as specified in Schedule IX.
- (2) The registering authority shall not register if he is not satisfied that the procedure for registration or conditions of registration are fulfilled.
- (3) The registering authority shall cancel the registration if he is satisfied that condition(s) of registration have been violated.
- (4) The registering authority shall give the concerned person an opportunity of being heard before passing orders under sub-rules (2) and (3) and the orders shall be made in writing.
- (5) An appeal against an order of the registering authority shall lie with the authority specified in column (6) of Schedule V within thirty days of communication of such order.
- (6) The registration shall be valid for the period specified in Schedule IX and its renewal shall be necessary.
- (7) The procedure for and conditions of renewal of registration shall be the same as applicable to registration.

#### 14. MONITORING AND REPORTING REQUIREMENTS.-

- (1)Every person who produces, imports, exports or sells any ozone depleting substances shall maintain records and file reports in the manner specified in Part I of Schedule X.
- (2) Every person stocking or purchasing any ozone depleting substances for use in activities specified in column (2) of Schedule IV shall maintain records and file reports in the manner specified in Part II or Schedule X.
- (3) Every person who has received technical or financial assistance from any international organization or any financial assistance, which includes concession or exemption from payment of duties, from the Central Government, shall maintain records and file reports in the manner specified in Part III of Schedule X of the list of such persons shall be notified by the Central Government.

- (4) Every person who has facility to reclaim on an ozone depleting substance shall maintain record and file reports in the manner specified in Part IV of Schedule X.
- (5) Every person who has facility to destroy any ozone depleting substance shall maintain records and file reports in the manner specified in Part V of Schedule X.
- (6) Every person who manufactures, imports, exports or sells compressors shall maintain records and file reports in the manner specified in Part VI Schedule X.
- (7) The records maintained in accordance with the above sub-rules shall be made available for inspection as specified in Part VII of Schedule X.

#### 15. EXEMPTION. –

(1) Nothing contained in these rules shall apply to applications or circumstances specified in Schedule VIII.

## SCHEDULE - I

[ See rule 2(e), (n), 3(2) and (3), 5(3)]

## <u>List of ozone depleting substances</u>

S. No.	Name of Ozone Depleting Substances	Chemical Composition of Ozone Depleting Substances	Group	Ozone Depleting Potential
(1)	(2)	(3)	(4)	(5)
1.	CFC-11	Trichlorofluoromethane (CFCl <sub>3</sub> )	I	1.0
2.	CFC-12	Dichlorodifluromethane ( CF <sub>2</sub> Cl <sub>2</sub>	I	1.0
3.	CFC-113	Trichlorotrifluoroethane (C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub> )	I	0.8
4.	CFC-114	Dichlorotetrafluoroethane (C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub> )	I	1.0
5.	CFC-115	Chloropentafluoroethene (C <sub>2</sub> F <sub>5</sub> Cl )	I	0.6
6.	Halon –1211	Bromochlorodifluoromethane CF <sub>2</sub> BrCl)	II	3.0
7.	Halon – 1301	Bromotrifluoromethane (CF <sub>3</sub> Br)	II	10.0
8.	Halon – 2402	Dibromotetrafluoroethane (C <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> )	II	6.0
9.	CFC-13	Chlorotrifluoromethane (CF <sub>3</sub> Cl)	III	1.0
10.	CFC-111	Pentachlorofluoroethane (C <sub>2</sub> FCl <sub>5</sub> )	III	1.0
11.	CFC -112	Tetrachlordifluoroethane (C <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub> )	III	1.0
12.	CFC-211	Heptachlorofluoropropane (C <sub>3</sub> FCl <sub>7</sub> )	III	1.0
13.	CFC-212	Hexachlorodifluoropropane (C <sub>3</sub> F <sub>2</sub> Cl <sub>6</sub> )	III	1.0
14.	CFC-213	Pentachlorotrifluropropane (C <sub>3</sub> F <sub>3</sub> Cl <sub>5</sub> )	III	1.0
15.	CFC-214	Tetrachlorotetrafluoropropane $(C_3F_4C_4)$	III	1.0
16.	CFC-215	Trichloropentafluoropropane (C <sub>3</sub> F <sub>5</sub> Cl <sub>3</sub> )	III	1.0
17.	CFC-216	Dichlorophexafluoropropane (C <sub>3</sub> F <sub>6</sub> Cl <sub>2</sub> )	III	1.0
18.	CFC-217	Chloroheptafluoropropane (C <sub>3</sub> F <sub>7</sub> Cl)	III	1.0
19.	Carbon tetrachloride	Tetrachloromethane (CCl <sub>4</sub> )	IV	1.1
20.	Methyl chloroform	1,1,1-Trichloroethane (C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> )	V	0.1
21.	HCFC-21	Dichlorofluoromethane (CHFC1 <sub>2</sub> )	VI	0.04
22.	HCFC-22	Dichlorodifluromethane (CHF <sub>2</sub> CI <sub>2</sub> )	VI	0.055

(1)         (2)         (3)         (4)         (5)           23.         HCFC-31         Chlorofluoromethane (CH2FCI)         VI         0.02           24.         HCFC-121         Tetrachlorodifluoroethane (C2HF2Cl3)         VI         0.04           25.         HCFC-122         Trichlorodifluoroethane (C2HF2Cl3)         VI         0.08           26.         HCFC-123         2,2-dichloro-1,1,1-trifluoroethane (C2H3Cl2)         VI         0.06           27.         HCFC-123a         1,2-dichloro-1,1,2-trifluoroethane (C2H3CL2Cl2)         VI         0.02           28.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (VI         0.04           (C2HF4CI)         2-chloro-1,1,2-trifluoroethane (VI         0.02           29.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (VI         0.02           (CHFCICF3)         VI         0.02           30.         HCFC-131         Trichlorofluoroethane (C2H3FCl3)         VI         0.05           31.         HCFC-132         Dichlorofluoroethane (C2H3F2Cl2)         VI         0.05           32.         HCFC-133         Chlorotifluoroethane (C2H3F2Cl2)         VI         0.07           34.         HCFC-141         Dichlorofluoroethane (C2H3F2Cl2)         VI <t< th=""><th>S. No.</th><th>Name of Ozone Depleting Substances</th><th>Chemical Composition of Ozone Depleting Substances</th><th>Group</th><th>Ozone Depleting Potential</th></t<>	S. No.	Name of Ozone Depleting Substances	Chemical Composition of Ozone Depleting Substances	Group	Ozone Depleting Potential
24.         HCFC-121         Tetrachlorodifluoroethane (C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub> )         VI         0.04           25.         HCFC-122         Trichlorodifluoroethane (C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub> )         VI         0.08           26.         HCFC-123         2,2-dichloro-1,1,1-trifluoroethane (C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub> )         VI         0.06           27.         HCFC-123a         1.2-dichloro-1,1,2-trifluoroethane (CHCl <sub>2</sub> CF <sub>3</sub> )         VI         0.02           28.         HCFC-124         2-chloro-1,1,1,2-trifluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.04           29.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (VI         0.022           (CHFClCF <sub>3</sub> )         VI         0.022           30.         HCFC-131         Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.05           31.         HCFC-132         Dichlorodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> )         VI         0.05           32.         HCFC-133         Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.07           35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         <	(1)	(2)	(3)	(4)	(5)
25.         HCFC-122         Trichlorodifluoroethane (C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub> )         VI         0.08           26.         HCFC-123         2,2-dichloro-1,1,1-trifluoroethane (C <sub>2</sub> HF <sub>3</sub> Cl <sub>2</sub> )         VI         0.06           27.         HCFC-123a         1.2-dichloro-1,1,2-trifluoroethane (CHCl <sub>2</sub> CF <sub>3</sub> )         VI         0.02           28.         HCFC-124         2-chloro-1,1,1,2-trifluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.04           29.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.022           30.         HCFC-131         Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.05           31.         HCFC-132         Dichlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.05           32.         HCFC-133         Chlorotifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.07           35.         HCFC-142         Chlorodifluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.005           38.	23.	HCFC-31	Chlorofluoromethane (CH <sub>2</sub> FCI)	VI	0.02
26.         HCFC-123         2,2-dichloro-1,1,1-trifluoroethane (C <sub>2</sub> HF <sub>3</sub> Cl <sub>2</sub> )         VI         0.06           27.         HCFC-123a         1.2-dichloro-1,1,2-trifluoroethane (CHCl <sub>2</sub> CF <sub>3</sub> )         VI         0.02           28.         HCFC-124         2-chloro-1,1,1,2-trifluoroethane (C <sub>2</sub> HF <sub>4</sub> Cl)         VI         0.04           29.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.022 (CHFClCF <sub>3</sub> )           30.         HCFC-131         Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.05           31.         HCFC-132         Dichlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.05           32.         HCFC-133         Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.07           35.         HCFC-142b         1-chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           37.         HCFC-142b         1-chlorofluoroethane (C <sub>3</sub> H <sub>5</sub> Cl <sub>2</sub> )         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )         VI         0.07	24.	HCFC-121	Tetrachlorodifluoroethane (C <sub>2</sub> HF <sub>2</sub> Cl <sub>4</sub> )	VI	0.04
C2HF3Cl2   C1-dichloro-1,1,2-trifluoroethane   VI   0.02	25.	HCFC-122	Trichlorodifluoroethane (C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub> )	VI	0.08
27.         HCFC-123a         1.2-dichloro-1,1,2-trifluoroethane (CHCl <sub>2</sub> CF <sub>3</sub> )         VI         0.02           28.         HCFC-124         2-chloro-1,1,1,2-trifluoroethane (C <sub>2</sub> H <sub>2</sub> Cl)         VI         0.04           29.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (CH <sub>2</sub> FCl <sub>3</sub> )         VI         0.022           30.         HCFC-131         Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.05           31.         HCFC-132         Dichlorodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> )         VI         0.05           32.         HCFC-133         Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.07           35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C <sub>3</sub> H <sub>4</sub> FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )         VI         0.09           40.         <	26.	HCFC-123	2,2-dichloro-1,1,1-trifluoroethane	VI	0.06
CHCl <sub>2</sub> CF <sub>3</sub>   2-chloro-1,1,1,2-trifluoroethane   VI   0.04			$(C_2HF_3Cl_2)$		
28.         HCFC-124         2-chloro-1,1,1,2-trifluoroethane (C2HF4CI)         VI         0.04           29.         HCFC-124a         2-chloro-1,1,2-trifluoroethane (C1FCICF3)         VI         0.022           30.         HCFC-131         Trichlorofluoroethane (C2H2FCl3)         VI         0.05           31.         HCFC-132         Dichlorodifluoroethane (C2H2F2Cl2)         VI         0.05           32.         HCFC-133         Chlorotrifluoroethane (C2H3F2Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C2H3FCl2)         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH3CFCl2)         VI         0.07           35.         HCFC-142         Chlorodifluoroethane (C2H3F2Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH3CF2Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C2H4FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C3HFCl6)         VI         0.07           39.         HCFC-222         Pentachlorodifluoropropane (C3HF3Cl4)         VI         0.08           41.         HCFC-224         Trichlorotetrafluoropropane (C3HF3Cl2) <td>27.</td> <td>HCFC-123a</td> <td>1.2-dichloro-1,1,2-trifluoroethane</td> <td>VI</td> <td>0.02</td>	27.	HCFC-123a	1.2-dichloro-1,1,2-trifluoroethane	VI	0.02
C2HF4Cl)   C-2HF4Cl)   C-2HCl-24a   C-chloro-1,1,2-trifluoroethane (CHFClCF3)   CHFClCF3)   CHFClCF3)   VI   0.022			(CHCl <sub>2</sub> CF <sub>3</sub> )		
29.       HCFC-124a       2-chloro-1,1,2-trifluoroethane (CHFCICF3)       VI       0.022         30.       HCFC-131       Trichlorofluoroethane (C2H2FCl3)       VI       0.05         31.       HCFC-132       Dichlorodifluoroethane (C2H2F2Cl2)       VI       0.05         32.       HCFC-133       Chlorotrifluoroethane (C2H3F2Cl)       VI       0.06         33.       HCFC-141       Dichlorofluoroethane (C2H3FCl2)       VI       0.07         34.       HCFC-141b       1,1-dichloro-1-fluoroethane (CH3CFCl2)       VI       0.07         35.       HCFC-142       Chlorodifluoroethane (C2H3F2Cl)       VI       0.07         36.       HCFC-142b       1-chloro-1,1-difluoroethane (CH3CF2Cl)       VI       0.065         37.       HCFC-151       Chlorofluoroethane (C2H4FCl)       VI       0.005         38.       HCFC-221       Hexachlorofluoropropane (C3HFCl6)       VI       0.07         39.       HCFC-222       Pentachlorodifluoropropane (C3HF2Cl3)       VI       0.09         40.       HCFC-223       Tetrachlorotrifluoropropane (C3HF4Cl3)       VI       0.09         41.       HCFC-225       Dichloropentafluoropropane (C3HF5Cl2)       VI       0.07         43.       HCFC-225ca       1,3-di	28.	HCFC-124	2-chloro-1,1,1,2-trifluoroethane	VI	0.04
CHFClCF <sub>3</sub>     30.   HCFC-131   Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )   VI   0.05     31.   HCFC-132   Dichlorodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> )   VI   0.05     32.   HCFC-133   Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)   VI   0.06     33.   HCFC-141   Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )   VI   0.07     34.   HCFC-141b   1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )   VI   0.11     35.   HCFC-142   Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)   VI   0.07     36.   HCFC-142b   1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)   VI   0.065     37.   HCFC-151   Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)   VI   0.005     38.   HCFC-221   Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )   VI   0.07     39.   HCFC-222   Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )   VI   0.09     40.   HCFC-223   Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )   VI   0.08     41.   HCFC-224   Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> )   VI   0.09     42.   HCFC-225   Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )   VI   0.07     43.   HCFC-225ca   1,3-dichloro-1,2,2,3,3-			(C <sub>2</sub> HF <sub>4</sub> Cl)		
30.         HCFC-131         Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )         VI         0.05           31.         HCFC-132         Dichlorodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> )         VI         0.05           32.         HCFC-133         Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.07           35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )         VI         0.07           39.         HCFC-222         Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )         VI         0.09           40.         HCFC-223         Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )         VI         0.08           41.         HCFC-224         Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>2</sub> )         VI         0.07           43.         HCFC-225ca	29.	HCFC-124a	2-chloro-1,1,2-trifluoroethane	VI	0.022
31.         HCFC-132         Dichlorodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> )         VI         0.05           32.         HCFC-133         Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.11           35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )         VI         0.07           39.         HCFC-222         Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )         VI         0.09           40.         HCFC-223         Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )         VI         0.08           41.         HCFC-224         Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )         VI         0.07           43.         HCFC-225ca         1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )         VI         0.025			(CHFCICF <sub>3</sub> )		
32.         HCFC-133         Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.06           33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.11           35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )         VI         0.07           39.         HCFC-222         Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )         VI         0.09           40.         HCFC-223         Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )         VI         0.08           41.         HCFC-224         Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>2</sub> )         VI         0.07           43.         HCFC-225ca         1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )         VI         0.025	30.	HCFC-131	Trichlorofluoroethane (C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub> )	VI	0.05
33.         HCFC-141         Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )         VI         0.07           34.         HCFC-141b         1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )         VI         0.11           35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )         VI         0.07           39.         HCFC-222         Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )         VI         0.09           40.         HCFC-223         Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )         VI         0.08           41.         HCFC-224         Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )         VI         0.07           42.         HCFC-225         Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )         VI         0.07           43.         HCFC-225ca         1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )         VI         0.025	31.	HCFC-132	Dichlorodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub> )	VI	0.05
34.       HCFC-141b       1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )       VI       0.11         35.       HCFC-142       Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)       VI       0.07         36.       HCFC-142b       1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)       VI       0.065         37.       HCFC-151       Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)       VI       0.005         38.       HCFC-221       Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )       VI       0.07         39.       HCFC-222       Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )       VI       0.09         40.       HCFC-223       Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )       VI       0.08         41.       HCFC-224       Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> )       VI       0.09         42.       HCFC-225       Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )       VI       0.07         43.       HCFC-225ca       1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )       VI       0.025	32.	HCFC-133	Chlorotrifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)	VI	0.06
35.         HCFC-142         Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)         VI         0.07           36.         HCFC-142b         1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)         VI         0.065           37.         HCFC-151         Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)         VI         0.005           38.         HCFC-221         Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )         VI         0.07           39.         HCFC-222         Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )         VI         0.09           40.         HCFC-223         Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )         VI         0.08           41.         HCFC-224         Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> )         VI         0.09           42.         HCFC-225         Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )         VI         0.07           43.         HCFC-225ca         1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )         VI         0.025	33.	HCFC-141	Dichlorofluoroethane (C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub> )	VI	0.07
36. HCFC-142b 1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl) VI 0.065  37. HCFC-151 Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl) VI 0.005  38. HCFC-221 Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> ) VI 0.07  39. HCFC-222 Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> ) VI 0.09  40. HCFC-223 Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> ) VI 0.08  41. HCFC-224 Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> ) VI 0.09  42. HCFC-225 Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) VI 0.07  43. HCFC-225ca 1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	34.	HCFC-141b	1,1-dichloro-1-fluoroethane (CH <sub>3</sub> CFCl <sub>2</sub> )	VI	0.11
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	35.	HCFC-142	Chlorodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl)	VI	0.07
38. HCFC-221 Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> ) VI 0.07  39. HCFC-222 Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> ) VI 0.09  40. HCFC-223 Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> ) VI 0.08  41. HCFC-224 Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> ) VI 0.09  42. HCFC-225 Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) VI 0.07  43. HCFC-225ca 1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	36.	HCFC-142b	1-chloro-1,1-difluoroethane (CH <sub>3</sub> CF <sub>2</sub> Cl)	VI	0.065
39. HCFC-222 Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> ) VI 0.09  40. HCFC-223 Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> ) VI 0.08  41. HCFC-224 Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> ) VI 0.09  42. HCFC-225 Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) VI 0.07  43. HCFC-225ca 1,3-dichloro-1,2,2,3,3-pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	37.	HCFC-151	Chlorofluoroethane (C <sub>2</sub> H <sub>4</sub> FCl)	VI	0.005
40. HCFC-223 Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> ) VI 0.08  41. HCFC-224 Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> ) VI 0.09  42. HCFC-225 Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) VI 0.07  43. HCFC-225ca 1,3-dichloro-1,2,2,3,3- pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	38.	HCFC-221	Hexachlorofluoropropane (C <sub>3</sub> HFCl <sub>6</sub> )	VI	0.07
41. HCFC-224 Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> ) VI 0.09  42. HCFC-225 Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) VI 0.07  43. HCFC-225ca 1,3-dichloro-1,2,2,3,3- pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	39.	HCFC-222	Pentachlorodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub> )	VI	0.09
42. HCFC-225 Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> ) VI 0.07  43. HCFC-225ca 1,3-dichloro-1,2,2,3,3- pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> ) VI 0.025	40.	HCFC-223	Tetrachlorotrifluoropropane (C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub> )	VI	0.08
43. HCFC-225ca 1,3-dichloro-1,2,2,3,3- VI 0.025 pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	41.	HCFC-224	Trichlorotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub> )	VI	0.09
pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )	42.	HCFC-225	Dichloropentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub> )	VI	0.07
	43.	HCFC-225ca	1,3-dichloro-1,2,2,3,3-	VI	0.025
44. HCFC-225cb 1,3-dichloro-1,2,2,3,3- VI 0.033			pentafluoropropane (CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub> )		
	44.	HCFC-225cb	1,3-dichloro-1,2,2,3,3-	VI	0.033

S. No.	Name of Ozone Depleting Substances	Chemical Composition of Ozone Depleting Substances	Group	Ozone Depleting Potential
(1)	(2)	(3)	(4)	(5)
		pentafluoropropane (CF <sub>2</sub> ClCF <sub>2</sub> CHCIF)		
45.	HCFC-226	Chlorohexafluoropropane (C <sub>3</sub> HF <sub>6</sub> Cl)	VI	0.10
46.	HCFC-231	Pentachlorofluoropropane (C <sub>3</sub> H <sub>2</sub> FCl <sub>5</sub> )	VI	0.09
47.	HCFC-232	Tetrachlorodifluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub> )	VI	0.10
48.	HCFC-233	Trichlorotrifluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub> )	VI	0.23
49.	HCFC-234	Dichlorotetrafluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub> )	VI	0.28
50.	HCFC-235	Chloropentafluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Cl)	VI	0.52
51.	HCFC-241	Tetrachlorofluoropropane (C <sub>3</sub> H <sub>3</sub> FCl <sub>4</sub> )	VI	0.09
52.	HCFC-242	Trichlorodifluoropropane (C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Cl <sub>3</sub> )	VI	0.13
53.	HCFC-243	Dichlorotrifluoropropane (C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Cl <sub>2</sub> )	VI	0.12
54.	HCFC-244	Chlorotetrafluoropropane (C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Cl)	VI	0.14
55.	HCFC-251	Trichlorofluoropropane (C <sub>3</sub> H <sub>4</sub> FCl <sub>3</sub> )	VI	0.01
56.	HCFC-252	Dichlorodifluoropropane (C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Cl <sub>2</sub> )	VI	0.04
57.	HCFC-253	Chlorotrifluropropane (C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Cl)	VI	0.03
58.	HCFC-261	Dichlorofluoropropane (C <sub>3</sub> H <sub>5</sub> FCl <sub>2</sub> )	VI	0.02
59.	HCFC-262	Chlorodifluoropropane (C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Cl)	VI	0.02
60.	HCFC-271	Chlorofluoropropane (C <sub>3</sub> H <sub>6</sub> FCl)	VI	0.03
61.	BFC-21B2	Dibromofluoromethane (CHFBr <sub>2</sub> )	VI	1.00
62.	HBFC-22B1	Bromodifluoromethane (CHF <sub>2</sub> Br)	VII	0.74
63.		Bromofluoromethane (CH <sub>2</sub> FBr)	VII	0.73
64.		Tetrabromofluoroethane (C <sub>2</sub> HFBr <sub>4</sub> )	VII	0.8
65.		Tribromofluoroethane (C <sub>2</sub> HF <sub>2</sub> Br <sub>3</sub> )	VII	1.8
66.	HBFC-123B2	Dibromotrifluoroethane (C <sub>2</sub> HF <sub>3</sub> Br <sub>2</sub> )	VII	1.6
	HBFC-123aB2			
67.	HBFC-124B1	Bromotetrafluoroethane (C <sub>2</sub> HF <sub>4</sub> Br)	VII	1.2
68.		Tribromofluoroethane (C <sub>2</sub> H <sub>2</sub> FBr <sub>3</sub> )	VII	1.1
69.		Dibromodifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub> )	VII	1.5

S. No.	Name of Ozone Depleting Substances	Chemical Composition of Ozone Depleting Substances	Group	Ozone Depleting Potential
(1)	(2)	(3)	(4)	(5)
70.		Bromotrifluoroethane (C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br)	VII	1.6
71.		Dibromofluoroethane (C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub> )	VII	1.7
72.	HBFC-124B1	Bromodifluoroethane (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br)	VII	1.1
73.	HBFC-124B1	Bromofluoroethane (C <sub>2</sub> H <sub>4</sub> FBr)	VII	0.1
74.		Haxabromofluoropropane (C <sub>3</sub> HFB <sub>6</sub> )	VII	1.5
75.		Pentabromodifluoropropane (C <sub>3</sub> HF <sub>2</sub> Br <sub>5</sub> )	VII	1.9
76.		Tetrabromofluoropropane (C <sub>3</sub> HF <sub>3</sub> Br <sub>4</sub> )	VII	1.8
77.		Tribromotetrafluoropropane (C <sub>3</sub> HF <sub>4</sub> Br <sub>3</sub> )	VII	2.2
78.		Dibromopentafluoropropane (C <sub>3</sub> HF <sub>5</sub> Br <sub>2</sub> )	VII	2.0
79.		Bromohaxafluoropropane (C <sub>3</sub> HF <sub>6</sub> Br)	VII	3.3
80.		Pentabromofluoropropane (C <sub>3</sub> H <sub>2</sub> FBr <sub>5</sub> )	VII	1.9
81.		Tetrabromodifluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub> )	VII	2.1
82.		Tribromotrifluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub> )	VII	5.6
83.		Dibromotetrafluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> )	VII	7.5
84.		Bromopentafluoropropane (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br)	VII	1.4
85.		Tetrabromofluoropropane (C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub> )	VII	1.9
86.		Tribromodifluoropropane (C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub> )	VII	3.1
87.		Dibromotrifluoropropane (C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub> )	VII	2.5
88.		Bromotetrafluoropropane (C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br)	VII	4.4
89.		Tribromofluoropropane (C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub> )	VII	0.3
90.		Dibromodifluoropropane (C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub> )	VII	1.0
91.		Bromotrifluoropropane (C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br)	VII	0.8
92.		Dibromofluoropropane (C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub> )	VII	0.4
93.		Bromodifluoropropane (C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br)	VII	0.8
94.		Bromofluoropropane (C <sub>3</sub> H <sub>6</sub> FBr)	VII	0.7
95.	Methyl bromide	(CH <sub>3</sub> Br)	VII	0.6

## **SCHEDULE-II**

[See rule 2(c), 3(1), (3), 5(2), 9]

## Regulation on production and consumption of group of ozone depleting substances

S.No.	Name of Group of Ozone Substances	Year(s) relating to base level*	Maximum allowable Production in a period of twelve months as percentage of calculated base level for Group as a whole	Maximum allowable consumption in a period of twelve month as percentage of calculated level of consumption in base years for Groups as a whole	Date related to columns (4) and (5)	for productio n of Ozone Depleting Substance s	Ban on creating new capacities to manufacture products made with or containing Ozone Depleting Substances
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1(a)	П	1995-1997	110	100	1-1-2002	Date on which these rules come into force	Date on which these rules come into force
(b)	II	1995-1997	60	50	1-1-2005		
(c)	II	1995-1997	0	0	1-1-2010		
2(a)	IV	1998-2000	25	15	1-1-2005	Date on which these rules come into force	Date on which these rules come into force
(b)	IV	1998-2000	0	0	1-1-2010		
3(a)	V	1998-2000	115	100	1-1-2003	Date on which these rules come into force	Date on which these rules come into force
(b)	V	1998-2000	80	70	1-1-2005		
(c)	V	1998-2000	40	30	1-1-2010		
(d)	V	1998-2000	0	0	1-1-2015		
4(a)	VI	2015 ↑ 2016*	115	100	1-1-2016	Date on which these rules come into force	

(b)	VI	2015	0	0	1-1-2040	Date on	
						which	
						these	
						rules	
						come into	
						force	
5.	VII		0	0	-	-	-
6(a)	VIII	1995-1998	110	100	1-1-2002	Date on	
						which	
						these	
						rules	
						come into	
						force	
(b)	VIII	1995-1998	80	80	1-1-2005	-	
(c)	VIII	1995-1998	0	0	1-1-2015	-	1.1.2015

<sup>\*</sup> Freeze Year for production and consumption of Hydrochlorofluorocarbons (ozone depleting substances under Group VI) of Schedule I

<sup>\*\*</sup> with possible essential use exemption.

<sup>↑ 2015</sup> is the base level for all group VI substances.

## **SCHEDULE III**

[Se rule 2(c), 3(2), (3), 5(3), 9(1) & (2)]

## Regulation on production and consumption of Group I & Group III ozone depleting substances Specified in column (4) of Schedule I.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
S.No.	Name of Group of Ozone Depleting Substances	Year(s) relating to base level*	Maximum allowable Production (MT) in a period of twelve months for Group as a whole	Maximum allowable consumption in a period of twelve month as percentage of calculated level of consumption in base years for Groups as a whole	Date related to column (4) and (5)	Ban on creating capacities for production of Ozone Depleting Substances	Ban on creating new capacities to manufacturi ng products made with or containing Ozone Depleting Substances
1.	I III	1995-97 1998-2000	20,706	90%	31.12.2000	Date on which these rules come into force	Date on which these rules come into force
2.	III	1995-97 1998-2000	18,824	83%	31.12.2001	Date on which these rules come into force	Date on which these rules come into force
3.	III	1995-97 1998-2000	16,941 -	75%	31.12.2002	Date on which these rules come into force	Date on which these rules come into force
4.	III	1995-97 1998-2000	15,058	66%	31.12.2003	Date on which these rules come into force	Date on which these rules come into force
5.	III	1995-97 1998-2000	13,176	58%	31.12.2004	Date on which these rules come into force	Date on which these rules come into force
6.	III	1995-97 1998-2000	11,294	50%	31.12.2005	Date on which these rules come into force	Date on which these rules come into force
7.	I III	1995-97 1998-2000	7,342	33%	31.12.2006	Date on which these rules come into force	Date on which these rules come into force
8.	I III	1995-97 1998-200	3,389	15%	31.12.2007	Date on which these rules come into force	Date on which these rules come into force

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9.	I	1995-97	2,259	10%	31.12.2008	Date on	Date on
	III	1998-2000	-			which these	which these
						rules come	rules come
						into force	into force
10.	I	1995-97	1,130	10%	31.12.2009	Date on	Date on
	III	1998-2000	-			which these	which these
						rules come	rules come
						into force	into force
11.	I	1995-97	*	*	after	Date on	Date on
	III	1998-2000	-		1.1.2010	which these	which these
						rules come	rules come
						into force	into force

• save for any chlorofluorocarbon production/consumption that may be agreed by the Parties to meet essential uses for India

### **SCHEDULE-IV**

[ See rule 6(1),7,8(1),(2),(3),(4) and (5),9(3),10(3)]

### Regulation on consumption of ozone depleting substances on end use basis

S.No.	Name of Activities	Name of Group of Ozone Depleting Substances	Phaseout Date*
(1)	(2)	(3)	(4)
1.	Manufacture of Aerosol products or pressurized dispensers (excluding metered dose inhalers for medicinal purpose)	Group I	1-1-2003
2.	Manufacture of Polyol for foam products	Group I	1-1-2003
3.	Manufacture of foam products including foam part of Domestic Refrigerator	Group I	1-1-2003
4.	Manufacture of Fire Extinguishers or Fire Extinguishing Systems	Group II	1-1-2001**
5.	Manufacture of Mobile Air-Conditioners and charging at Automobile industry	Group I	1-1-2003
6.	Manufacture of other Refrigeration and Airconditioning products (excluding compressors)	Group I	1-1-2003
7.	Manufacture of different products	Group I,III, IV & V	1-1-2010
8.	Servicing of fire extinguishers and fire extinguishing systems	Group II	1-1-2010**
9.	Manufacture of Metered Dose inhalers for medicinal purposes	Group I	1-1-2010
10.	Manufacture of different products	Group VI	1-1-2040
11.	Use of methyl bromide except preshipment & quarantine	Group VII	1-1-2015

<sup>\*</sup> The phaseout date for person or enterprise who has received financial assistance for switching over to non ozone depleting substance technology or to establish or to expand new capacity with non ozone depleting technology is the date of completion of the conversion project or the date given in column (4) of Schedule IV which ever is earlier.

<sup>\*\*</sup> Except for essential use certified by the essential use panel.

## SCHEDULE-V

(See rule 2(b),3(1),6(1),7,8(1),(2),(5) & (6),11(1),(2),12(1),13(5)

## List of authorities, their functions and last date for registration

## Part-I for ozone depleting substances other than group VIII of Schedule-I

S.No.	Rule No.	Function	Name of Authority	Last date for Registration	Name of Appellate Authority
(1)	(2)	(3)	(4)	(5)	(6)
1.	3(1)	Registration of producers of Ozone Depleting Substances	An officer not below the rank of a Deputy Secretary in the Ministry of Environment & Forests	Three months after commencement of the rules	Secretary, Ministry of Environment & Forests
2.	3,4,5.10 (1)10(2)	Licence to import/ export of products made with or containing Ozone Depleting Substances	Director General of Foreign Trade		
3.	6(1)	Registration of traders/ dealers/ wholesalers/ sellers of Ozone Depleting Substances	(i) An Officer of the particular Producer not below the rank of Manager, if the ozone Depleting Substances has been produced in India.	One year after commencement of these rules	An officer not below the rank of a Deputy Secretary in the Ministry of Environment & Forests
4.	8(1)	Registration of persons / enterprises engaged in activities specified in column (2) of Schedule-IV (whose capital investment is less than Rs.1 crore).  Registration of persons engaged in	Officer-in- charge of the office Small Industries Services Institute in respective jurisdiction under Small Industries Development	One year after commencement of these rules	An officer not below the rank of a Deputy Secretary in the Ministry of Environment & Forests

			0 ' ':		
		activities in column(2) of Schedule IV (whose capital investment is more than Rs.1 crore)	Organisation under the Ministry of Small Scale, Agro and Rural Industries		
5.	11(1)	Registration of person having facilities to reclaim Ozone Depleting Substances	Officer-in- charge of the office of Small Industries Services Institute in respective jurisdiction under Small Industries Development Organisation under the Ministry of Small Scale, Agro and Rural Industries.	One year after commencement of these rules	An officer not below the rank of a Deputy Secretary in the Ministry of Environment & Forests.
6.	11(2)	Registration of persons having facilities to destroy Ozone Depleting Substances	Officer-in- charge of the Office of Small Industries Services Institute in respective jurisdiction under Small Industries Development Organisation under the Ministry of Small Scale, Agro and Rural Industries.	One year after commencement of these rules	An officer not below the rank of a Deputy Secretary in the Ministry of Environment & Forests.
7.	12	Registration of	Officer-in-	One year after	An officer
		manufactures,	charge of the	commencement	not below the
		importers & exporters of	Office of Small	of these rules	rank of a Deputy
		compressors/(whose	Industries		Secretary in

			1
capital investment is	Services		the Ministry
less than Rs.1 crore)	Institute in		of
	respective		Environment
	jurisdiction		and Forests.
	under Small		
	Industries		
	Development		
	Organisation		
	under the		
	Ministry of		
	Small Scale,		
	Agro and		
	Rural		
	Industries		
Registration of	An Officer	One year after	Secretary,
manufactures,	not below the	commencement	Ministry of
importers & exporters	rank of	of these rules	Environment
of compressors	Deputy		and Forests
(whose capital	Secretary in		
investment is more	the Ministry		
than Rs.1 crore)	of		
	Environment		
	and Forests		

## Part-II – for Schedule I, Group VIII ozone depleting substance

S.No.	Rule No.	Function	Name of Authority	Last date of Registration	Name of Appellate Authority
(1)	(2)	(3)	(4)	(5)	(6)
1.	3(1)	Registration	As specified in the	As specified in	As specified
	6(1)		Insecticides Act,	the	in the
	8(1)		1968(46 of 1968) Insecticides		Insecticides
	11(1)			Act,1968 (46	Act,1968 (46
				of 1968)	of 1968)

## SCHEDULE -VI [See rule 4, 5(1)]

### List of countries which are party to the 1987 Montreal Protocol

## <u>Part-I</u>

List of Parties categorized as operating under Article 5 paragraph 1 of the Montreal Protocol

(1)	(2)
S.No.	Name of country
1.	Algeria
2.	Antigua and Barbuda
3.	Argentina
4.	Bahamas
5.	Bahrain
6.	Bangladesh
7.	Barbados
8.	Belize
9.	Benin
10.	Bolivia
11.	Bosnia and Herzegovina
12.	Botswana
13.	Brazil
14.	Brunei Darussalam
15.	Burkina Faso
16.	Burundi
17.	Cameroon
18.	Central African Republic
19.	Chad
20.	Chile
21.	China
22.	Colombia
23.	Comoros
24.	Congo
25.	Congo, Democratic Republic of
26.	Costa Rica
27.	Cote Ivoire
28.	Croatia
29.	Cuba
30.	Cyprus
31.	Dominica
32.	Dominican Republic
33.	Feudador
34.	Egypt

(1)	(2)
35.	El Salvador
36.	Ethiopia
37.	Fiji
38.	Gabon
39.	Gambia
40.	Georgia
41.	Ghana
42.	Grenada
43.	Guatemala
44.	Guinea
45.	Guyana
46.	Honduras
47.	India
48.	Indonesia
49.	Iran,Islamic Republic of
50.	Jamaica
51.	Jordan
52.	Kenya
53.	Kiribati
54.	Korea, Peoples Democratic Republic of
55.	Korea Republic of
56.	Kuwait
57.	Lao People's Democratic Republic of
58.	Lebanon
59.	Lesotho
60.	Libyan Arab Jamahiriya
61.	Madagascar
62.	Malawi
63.	Malaysia
64.	Maldives
65.	Mali
66.	Malta
67.	Mauritania
68.	Mauritius
69.	Mexico
70.	Moldova
71.	Mongolia
72.	Morocco
73.	Mozambique
74	Myanmar
75.	Namibia
76.	Nepal
77.	Nicaragua
78.	Niger

(1)	(2)
79.	Oman
80.	Nigeria
81.	Pakistan
82.	Panama
83.	Papua New Guina
84.	Paraguay
85.	Peru
86.	Philippines
87.	Qatar
88.	Romania
89.	Saint Ktts & Nevis
90.	Saint Lucia
91.	Saint Vincent & the Grenadines
92.	Samoa
93.	Saudi Arabia
94.	Senegal
95.	Seychelles
96.	Singapore
97.	Slovenia
98.	Solomon Islands
99.	South Africa
100.	Sri Lanka
101.	Sudan
102.	Swaziland
103.	Syrian Arab Republic
104.	Tanzania, United Republic of
105.	Thailand
106.	The Former Yugoslav Republic of Mecedonia
107.	Togo
108.	Trinidad and Tobago
109.	Tunisia
110.	Turkey
111.	Uganda
112.	United Arab Emirates
113.	Uruguay
114.	Venezuela
115.	Yemen
116.	Viet Nam
117.	Yugoslavia
118.	Zambia
119.	Zimbabwe

## Part-II

List of Parties temporarily categorized as operating under Article 5 paragraph 1 of the Montreal Protocol.

(1)	(2)
1.	Albania
2.	Djibouti
3.	Federated States of Micronesia
4.	Liberia
5.	Marshall Islands
6.	Suriname
7.	Tonga
8.	Tuvalu
9.	Vanuatu

## Part-III

List of Parties categorized as operating under Article 2 of the Montreal Protocol

(1)	(2)
1.	Australia
2.	Austria
3.	Azerbaijan
4.	Belarus
5.	Belgium
6.	Brunei Darussalam
7.	Bulgaria
8.	Canada
9.	Czech Republic
10.	Denmark
11.	Equatorial Guinea
12.	Estonia
13.	Finland
14.	France
15.	Georagia
16.	Germany
17.	Greece
18.	Hungary
19.	Iceland
20.	Ireland
21.	Israel
22.	Italy

(1)	(2)
23.	Japan
24.	Latvia
25.	Liechtenstein
26.	Lithuania
27.	Luxembourg
28.	Monaco
29.	Netherlands
30.	New Zealand
31.	Norway
32.	Poland
33.	Portugal
34.	Russian Federation
35.	Slovakia
36.	Spain
37.	Sweden
38.	Switzerland
39.	Tajikistan
40.	Turkmenistan
41.	Ukraine
42.	United Kingdom
43.	USA
44.	Uzbekistan
45.	European Community

## SCHEDULE-VII [See rule 10(1),(2)]

#### Regulation on import and export products containing ozone depleting substances

S.No.	Name of Product	Name of Group of Ozone Depleting Substances	Date, Regulation on Import becomes effective	Date, Regulation on Exports becomes effective
(1)	(2)	(3)	(4)	(5)
1.	Automobile and truck air- conditioning units. (Whether incorporated in vehicle or not)	Group I	Six months after these rules come into force	Six months after these rules come into force
2.	Domestic and commercial refrigeration and air-conditioning/ heat pump equipment e.gRefrigerators -Freezers -Dehumidifiers -Water Coolers -Ice machines -Air conditioning and heat pump units -Compressors	Group I, Group VI	-do-	-do-
3.	Aerosol products, expect medical aerosols	Group I	-do-	-do-
4.	Portable fire extinguishers/system Cylinder	Group II	-do-	-do-
5.	Insulation boards, panels and pipe covers	Group I	-do-	-do-
6.	Pre-polymers	Group I, Group VI	-do-	-do-

Note: 1. S.No.2, column (2) products include insulating material of the product.

2. All products mentioned above are excluded from the purview of this Schedule when transported in Consignments of personal or household effects or in similar non-commercial situations normally exempted from customs attention.

#### SCHEDULE - VIII

#### [ See rule 15]

#### **Exemption**

- (i) Use of Methyl Bormide, the ozone depleting substance covered in Group VIII of Schedule I, in quarantine and pre-shipment applications.
- (ii) Ozone depleting substance which are used in laboratory or for analytical purposes subject to following conditions:-
  - (a) laboratory uses include equipment calibration; use as extraction solvents, diluents, or carriers for chemical analysis; biochemical research; inert solvents for chemical reactions, as a carrier or laboratory chemical and other critical analytical and laboratory purposes.
  - (b) Ozone depleting substances should have been manufactured to the following purities:

CTC (reagent grade)	99.5
1,1,1-trichloroethane	99.0
CFC-11	99.5
CFC-13	99.5
CFC-12	99.5
CFC-113	99.5
CFC-114	99.5
Other w/Boiling P>20°C	99.5
Other w/Boiling P< 20°C	99.0

- (c) these pure ozone depleting substances can be subsequently mixed by manufacturers, agents, or distributors with other chemicals, as is customary for laboratory and analytical uses.
- (d) These high purity ozone depleting substances and mixtures containing ozone depleting substances shall be supplied only in re-closable containers or high pressure cylinders smaller than three litres or in 10 millilitre or smaller glass ampoules, marked clearly as ozone depleting

substances, restricted to laboratory use and analytical purposes and specifying that used or surplus ozone depleting substances should be collected and recycled, if practical. The ozone depleting substances should be destroyed if recycling is not practical.

- (iii) Import, export, and production of Group IV, Schedule I ozone depleting substances is excluded from the definition of consumption if such imports and production meant to be used in manufacture of ozone depleting substances specified in Group I of Schedule I.
- (iv) Import and export of any recovered or reclaimed ozone depleting substances is excluded from the definition of consumption.
- (v) Sub-rule (I) of rule 10 shall not apply to non-commercial sale of products which have been used for at least one year.
- (vi) Any rule in public interest with specific approval of the Central Government.
- (vii) Use of Group II substances of Schedule I for essential critical application shall as Defence Air Craft, Battle tank and Aviation Industries to be certified by an essential use panel.

#### **SCHEDULE-IX**

[ See rule 13(1), 13(6)]

#### Part-I

#### **Procedure for Registration**

- 1. Application for registration of sellers of ozone depleting substances under subrule (1) of rule 6 shall be made in Form 9 of Schedule XI.
- 2. Application for registration of sellers of ozone depleting substances under subrule (1) of rule 6 shall be made in Form 10 of Schedule XI.
- 3. Application for registration of persons under sub-rule (1) of rule 8 shall be make in Form 11 of Schedule XI.
- 4. Application for registration of persons reclaiming ozone depleting substances under sub-rule (1) of rule 11 shall be made in Form 14 of Schedule XI.
- 5. Application for registration of persons destroying ozone depleting substances under sub-rule (2) of rule 11 shall be made in Form 14 of Schedule XI.

- 6. Application for registration of persons manufacturing, importing or exporting compressors shall be made in Form 13 of Schedule XI.
- 7. A Certificate of Registration shall be issued by the registering authority to those persons who have been registered in accordance with these rules.
- 8. The Certificate of Registration shall contain the following information:-
  - (a) Name of registering authority.
  - (b) Registration number.
  - (c) Information contained in application for registration (excluding enclosures).
  - (d) Signature and seal of registering authority.

#### Part II

#### **Conditions of Registration/Renewal**

- 1. The 'Certificate of Registration' shall be kept at the 'Registered Office' and shall be produced at any reasonable time on reproduced at any reasonable time on request before an Officer of the concerned authority no below in rank to a Section Officer to the Government of India or, in respect of registration under sub-rule (1) of rule 6 an Assistant Manager in the concerned producing enterprise.
- 2. The registration shall not be done, and shall cease to be valid, if the person to be registered or registered is in violation of these rules.
- 3. Registration under sub-rule(1) of rule 6 shall also be subject to commercial decision of the authority mentioned in column (4) of Schedule V, excluding such registration in respect of ozone depleting substances specified in Group VIII of Schedule I.
- 4. Notwithstanding generality of provision of para 2 above, registration shall not be renewed unless the applicant has complied with all the reporting requirements under these rules.
- 5. Validity of registration under these rules shall be for a period of eighteen months from the date of registration. Its renewal can be done anytime after twelve months from the date of registration/renewal. The renewal will also be valid for eighteen months.

#### **SCHEDULE X**

#### [ See rule 14(1),(2),(3),(4),(5),(6) & (7)

#### Part I

#### A. Records to be maintained

Records regarding production of ozone depleting substances

- (1) Dated records and related documents in respect of each producing plant, of--
  - (a) The actual quantity of each ozone depleting substances produced;
  - (b) the actual quantity of each ozone depleting substance used as feed stock; and
  - (c) Information specified in 2(b) and 2(c) below Records regarding sale and offer for sale of ozone depleting substances
- (2) Dated records and related documents in respect of-
  - (a) the actual quantity of each ozone depleting Substances purchased
  - (b) the actual quantity of each ozone depleting substances sold within India; the name and address of the recipient of the each shipment and the purpose for which ozone depleting substances was purchased by the recipient. These purpose to be maintained are:
    - (i) Manufacture of Aerosols
    - (ii) Manufacture of foam products
    - (iii) Manufacture of fire extinguishers and fire extinguishers systems.
    - (iv) Manufacture of Mobile Air-conditioners
    - (v) Manufacture of other Refrigeration and Air-conditioning products.
    - (vi) Solvents use
    - (vii) Exempted use
    - (viii) Selling
    - (ix) Others (please specify)

Records regarding exports of Ozone

- (3) Dated records and related documents containing information in respect of each column of Form 3 or 4, as the case may be, of Schedule XI.
  - Records regarding imports of ozone depleting substances
- (4) Dated records and related documents containing information in respect of each column of Form 5 or 6, as the case may be, of Schedule XI.
  - Record and related document of regarding manufacture import and export of compressor.
- (5) Dated records and related document containing information in respect of each column of form 12 or 13, as the case may be, of Schedule XI.
  - Declaration signed by the recipient in Form 12 of Schedule XI.

#### B. Reports to be submitted

- (1) Report on production of ozone depleting substances as per Form 1 of Schedule XI.
- (2) Report on imports of ozone depleting substances as per Form 2 of Schedule XI.
- (3) Report on exports of ozone depleting substances as per Form 3 of Schedule XI.
- (4) Report on sales of ozone depleting substances as per Form 4 of Schedule XI.
- (5) Reports mentioned in Sr.No.1 to 3 above shall be submitted to the Ministry of Environment & Forests. Report mentioned in Sr.4 above shall be submitted the registering authority specified in column (4) of Schedule V, who will submit complied version of the reports, duly countersigned will also be submitted by such authority to the Ministry of Environment & Forests in hard copy as well as in floppy on request.

#### Part II

#### A. Records to be maintained

Records regarding purchase of ozone depleting substances for use in activities specified in column (2) of Schedule IV.

- (1) Dated records of
  - (a) the actual quantity of each ozone depleting substances purchased from an Indian supplier and the name and address of the India supplier;
  - (b) the actual quantity of each ozone depleting substances used separately for each plant and each activity.

#### B. Records to be submitted

- (1) Report on purchase of ozone depleting substances as per Form 5 of Schedule XI.
- (2) These reports shall be submitted to the concerned registering authority specified in column (4) of Schedule V, who will submit compiled version of the report to the Ministry of Environment & Forests. Individual reports will also be submitted by such authority to the Ministry of Environment & Forests on request.

#### Part III

#### A. Records to be maintained

Records regarding purchase of non-ozone depleting substances by beneficiary companies for use in manufacture of products.

- (1) Dated records and related documents in respect of :-
  - (1) Actual quantity of each non-ozone depleting substances purchased and the name and address of supplier;
  - (2) Actual quantity of each non-ozone depleting substances used in manufacturing operations separately for each plant and each manufacturing.

#### B. Reports to be submitted

(1) Report on use of non-ozone depleting substances by beneficiary companies as per Form 6 of Schedule XI.

(2) These reports shall be submitted to the concerned authority specified in column (4) of Schedule V, who will submit compiled version of the report to the Ministry of Environment & Forests. Individual reports will also be submitted by such authority to the Ministry of Environment & Forests on request.

#### Part IV

#### A. Records to be maintained

Records regarding reclamation

- (1) Dated records and related documents in respect of -
  - (a) the actual quantity of each ozone depleting substances recovered; the name and address of the individual or company from which the ozone depleting substances is recovered and the name and address, if different of the site at which the ozone depleting substances is reclaimed;
  - (b) the actual quantity of each ozone depleting substances reclaimed.

#### B. Reports to be submitted

- (2) Report on reclamation of ozone depleting substances as per Form 7 of Schedule XI.
- (3) These reports shall be submitted to the Ministry of Environment & Forests through the concerned registering authority specified in column (4) of Schedule V.

#### Part V

#### A. Records to be maintained

Records regarding destruction

- (1) Dated records of;
  - (a) the actual quantity of each ozone depleting substances destroyed on the basis of destruction efficiency of the facility employed.

#### B. Reports to be submitted

- (2) Report on destruction of ozone depleting substances as per Form 8 of Schedule XI.
- (3) These reports shall be submitted to the Ministry of Environment & Forests through the concerned registering authority specified in column (4) of Schedule V.

#### Part VI

#### A. Records to be maintained

Records regarding manufacture, import and export of compressor;

(1) Dated records and related documents containing information in respect of each column of Form 12 of Schedule XI.

#### B. Reports to be submitted

- (1) Report on manufacture, import, export and sale of compressor and use of refrigerants in compressors sold as per Form 12 of Schedule XI.
- (2) These reports shall be submitted to the concerned registering authority specified in column (4) of Schedule V, who will submit complied version of the report to the Ministry of Environment & Forests. Individual reports will also be submitted by such authority to the Ministry of Environment & Forests on request.

#### Part VII Production of records

(1) Records being maintained pursuant to requirements of rule 13 shall be available for inspection at any reasonable time on request by an officer of the registering authority specified in column (4) of Schedule V, not below in rank to a Section Officer to the Government of India. However, persons who are engaged in selling any locally produced ozone depleting substances, except ozone depleting substances specified in Group VIII of Schedule I, shall make records available by inspection at any reasonable time on request by an officer of the concerned producing enterprise not below in rank to Assistant Manager or on request by an officer of the Ministry of Environment & Forests not below in rank to a Section Officer.

## SCHEDULE XI

Form1 Page 1

### REPORT ON PRODUCTION OF OZONE DEPLETING SUBSTANCES

Frequency of report : Annually

Last date for submission of report : Within 60 days of end of the year

Name of	Period of report : January - December 19						
Company							
Name of	Name of Ozone	Total	Quantities produced for Quantity				
Group of	Depleting	Quantity	exempted uses within India   produced				
Ozone	Substances	produced for	*3 for supply				
Depleting		All uses *2	Quantity	Quantity	to countries		
Substances ?			produced for	produced	listed in		
			feed stock	for other	parts I and		
			within India	exempted	II of		
				use within	Schedule-		
				India	VI		
Group I	CFC13(CFC-11)						
	CFC(12)(CFC-12)						
	C2F4C12(CFC-						
	114)						
	C2F5C1 (CFC-						
	115)						
	TOTAL						

## Form 1 - page 2

Name	of	Period of report : January - December 19					
Company							
Name	of	Name of Ozone	Total	Quantities pr	roduced for	Quantity	
Group	of	Depleting	Quantity	exemped uses within India		produced	
Ozone		Substances *1	produced for	*3		for supply	
Depleting	5		All uses *2	Quantity	Quantity	to countries	
Substance	es			produced for	produced	listed in	
				feed stock	for other	parts I and	
				within India	exempted	II of	
					use within	Schedule-	
					India	VI	
Group II		CF2BrC1 (Halon					
		1211)					
		CF3Br (Halon					
		1301) C2F4Br2					
		(Halon 2402)					
		TOTAL					

Group III	CF3Cl (CFC-13)
	Total
Group IV	CC14 (Carbon
	tetra-Chloride)
Group V	C2H3C13 (Methy)
	Chloroform i.e.
	1.1.1-
	trichloroethane)

#### Form 1 - Page 3

Substances		Quantity produced for feed stock within India	Quantity produced for other exempted use within India	to countries listed in parts I and II of Schedule- VI
	CHFCI (HCFC-21) CHF2CI (HCFC-22) CH2FCI (HCFC-31) C2HF3CL2 (HCFC-123) C4HF4CI (HCFC-124) C2H2F3CI (HCFC-133) CH3CF12 (HCFC-141b) CH3CF2CI (HCFC-142b) C3HF5C2-(HCFC-225) CF3CF-2CHC12(HCFC-225ca) CF2CICF2HCIF (HCFC-225cb) TOTAL			

#### Form 1 - Page 4

Name of Group of Ozone	Name of Ozone Depleting Substances	Total Quantity produced for	Quantities presented uses	within India	Quantity produced for supply
Depleting Substances ?		All uses *2	Quantity produced for feed stock within India	Quantity produced for other exempted use within India	to countries listed in parts I and II of Schedule-VI
1	2	3	4	5	6
Group VII	HBFCs				
Group VIII	(Methyl Bromide (CH3Br)		Total quantit Methyl-Bromi for Quara Preshipment within India exports	de produced ntine and applications a and for	
			Signature *4	with seal	

#### Form 1 - Page 5

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I S/o	
do hereby solemnly verify that to the best of the	my knowledge and belief the information
given above and the annexure and statemen	ts any accompanying it are correct and
complete.	
I further declare that I am submitting a	and verifying the information given above
in my capacity as and	that I am competent to do so.
Place	Signature *4
Date	with seal

- \*1 Please see Schedule I for complete list of ozone depleting substances.
- \*2 Total production should be given without any deductions. The Ministry of Environment & Forests would make the necessary deductions in accordance with the definition in rule 2.
- \*3 Please see rule 2(k) and give the total quantity used within India as feedstock and quantity exempted under rule 16 from local production.
- \*4 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him-in case of Hindu undivided family by the Karta: in case of a partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors, and in any other case by a person in-charge of or responsible for the conduct of the business.

#### FORM 2 PAGE 1

#### DATA ON IMPORTS OF OZONE DEPLETING SUBSTANCES

Frequency of report : Quarterly

	Last date for submission of report: Within 30 days of end of the quarter.													
Name of	Name of Company: Period of report:													
Name of	f ozo	one deplet	ing	g substanc	es *		in me			s)				
Sr. No.		chase ord	ler	Bill Lading & date	of no.		l Qua	ntity	imp	orted	d	Quantity epleting		
						L	*′	2			*3			
		New		Reco	vere	ed	R	eclair	med	Fe	eds	tock	Exempte Uses	d
1		2		3		4	5	5		6		7	8	
		TOTA	L											
					Por ship	t of oment	Port delivery	of						
9														
TOTAL														
- 0 11.10														

Signature \*4
With seal

#### Form 2 Page 2

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I	S/o
do hereby	solemnly verify that to the best of my knowledge and belief the information ove and the annexure and statements any accompanying it are correct and
	further declare that I am making this application in my capacity as
Place	E
fo	ne form should be used for only one ozone depleting substance. Use separate orm for each ozone depleting substance. Please see Schedule 1 for complete list all ozone depleting substance.

\*2 'Recovery'

The collection and storage of ozone depleting substance from machinery, equipment vessels etc. during servicing or prior to disposal.

\*3 'Reclamation'

The reprocessing and upgrading of a recovered ozone depleting substance through such mechanism as filtering, during, distillation and chemical treatment in order to restore the substance to specified standard of performance. If often involves processing 'off side' at a central facility.

\*4 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

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#### FORM 3 - PAGE 1

#### REPORT ON EXPORTS OF OZONE DEPLETING SUBSTANCES

Frequency of report: Quarterly

Last date for submission of report : Within 30 days of end of the quarter

Name of Company : \_\_\_\_\_\_ Period of report : \_\_\_\_\_\_

Name of ozone depleting substances \*1:-----

Sr. Purchase Bill Quantity imported all Quantity of new Lading no. depleting No. order No. & uses ozone & date substance imported to date use as

New \*2 Recovered & Quarantine & Feedstock Exempted Reclaimed Pre-shipment uses application \*3

(in metric tonnes)

1	2	3	4	5	6	7	8
	TOTAL	4					

Free on	Free on	Import	Country	Name &	Port of	Port of
Board	Board	licence	from	address of	shipment	delivery
(FOB)	(FOB)	No. &	which	seller		
Value	Value Rs.	date	imported			
\$						
9	10	11	12	13	14	15
TOTAL						

Signature \*4 with seal

#### Form 3 - Page 2

T	7		•	~		. •		
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•	4	ᄓ	1	п	ca	ш	v	ш

I S/o	
do hereby solemnly verify that to the best of my know given above and the annexure and statements any a complete.	ledge and belief the information
I further declare that I am submitting and verify in my capacity as and that I am con	
Place	Signature *4
Date	with seal
Notes:-	

- \*1 One form should be used for only one ozone depleting substance. Use separate form for each ozone depleting substance. Please see Schedule 1 for complete list of all ozone depleting substance.
- \*2 'Recovery'

  The collection and storage of ozone depleting substance from machinery, equipment vessels etc. during servicing or prior to disposal.
- 'Reclamation'

  The reprocessing and upgrading of a recovered ozone depleting substance through such mechanism as filtering, during, distillation and chemical treatment in order to restore the substance to specified standard of performance. If often involves processing 'off side' at a central facility.
- \*3 For Methyl Bromide only.
- \*4 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

\*\*\*\*\*\*

#### FORM 4 - PAGE 1

#### REPORT ON SALE OF OZONE DEPLETING SUBSTANCES

Frequency of report : Quarterly

	Last date for submission of report: Within 30 days of end of the Quarter									
Name	e of Company	y:			Perio	od of repor	t :		_	
	Part A (in metric tonnes)									
Sr. No.	Name Ozone Depleting Substance	Quantity of Produced	of ozone deple *1 Imported	eting subs *2 Reclain		e *3 Exported	Ozon Deple	eting tances nased	Name and address of Indian supplier from whom Ozone Depleting Substances was purchased locally	
Ozo	Total for each Ozone Depleting Substance									
	Form 4 - Page 2									
Part B (in metric tonnes)										
S.No	Depleting Substance	g C ses S	Purpose for working Done Doubstance was the buyer	epleting	Dep	ntity of Colleting Substitute to the buye	tance	Name buyer	& address of	

TOTAL

Signature \*5 with seal

#### Form 4 - Page 3

giv	hereby	solemnly verify that to the best ove and the annexure and stater	S/o of my knowledge and belief the information ments any accompanying it are correct and
in 1		further declare that I am submitting acity as	ng and verifying the information given above that I am competent to do so.
			Signature *5 with seal
No	tes:		
*1	Fu	ull report to be submitted as per Fo	orm 2
*2		- do - Foi	rm 7.
*3			om 3.
*4	Pu	urpose are:	mi 5.
•	(i)	Manufacture of aerosols (excl purposes).	uding metered dose inhalers for medica
	(ii)	Manufacture of Foam products.	
	(iii)		ers & fire extinguishing systems.
	(iv)	Manufacture of Mobile Air con-	ditions.
	(v)	Manufacturing of other Refriger compressors).	ration & Air conditioning products (excluding
	(vi)	Solvent use.	
	(vii)	Exempted use.	
	(viii)	Selling.	
	(ix)	Servicing of fire extinguishers of	
	(x)	Metered dose inhalers for medic	cal purpose.
	(xi)	Manufacture of Compressors.	
	(xii)	Others - specify.	

#### Form 4---Page 4

- \*5 The above Form including the verification portion must be signed incase of an individual, by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person incharge of or responsible for the conduct of the business.
- \*6 Use separate form for separate ozone depleting substances.

\*\*\*\*\*

#### FORM 5 - PAGE 1

## REPORT ON PURCHASE OF OZONE DEPLETING SUBSTANCES ON END USE BASES

Frequency of report: annually

Last date for submission of repo	rt: Within 30 days of end of calendar year.
Name of Company:	Period of report : January - December

## Part A (in metric tonnes)

Sr.	Name	Quantity of	ozone	depleting	Quantity of	Name and			
No.	Ozone	substance			Ozone	address of			
	Depleting	*1	*2		Depleting	Indian			
	Substance	Imported	Reclai	med	Substances	supplier			
		•			purchased	from whom			
					locally	Ozone			
					-	Depleting			
						Substances			
						was			
						purchased			
						locally			
	•								
Total	Total								

#### Form 5 - Page 2

#### Part B

(in metric tonnes)

S.	No.	Name of	Name & address of		Quantity of
		Ozone	enterprise/firm	Ozone Depleting	Ozone Depleting
		Depleting	Ozone Depleting		Substance used
		Substances	Substances was	used	
			used		
TO	OTAL	4			
					Signature *4
					with seal
Ver	ificat	ion			
	,		G /		
40			S/o that to the best of m		
			exure and statements	•	
_	nplete		icaure and statements	any accompanying	it are correct and
0011	гртосс	•			
	I	further declare the	hat I am submitting an	d verifying the infor	mation given above
in n	ny ca	pacity as	and that I	am competent to do	so.
				<b>~</b> !	
Pla	ce			Signature *4	
Dat	e			with seal	
Not	es:				
<b>41</b>		7 11 4 4 1	1 '4 1		
*1	ł	full report to be si	ubmitted as per Form 2		
*2	I	Full report to be si	ubmitted as per Form 7	,	
_	1	un report to be si	donnitied as per 1 orin 7	•	
*3	I	Purpose are:			
	(i)	Manufacture	of aerosols (excluding	ng metered dose in	halers for medical
		purposes).			
	(ii)		of Foam products.		
	(iii)		of Fire extinguishers &		stems.
	(iv)		of Mobile Air condition		1
	(v)	•	g of other Refrigeration	a & Air conditioning	products (excluding
	(vi)	compressors). Solvent use.			
	(11)	BOIVEIL USE.			

- (vii) Exempted use.
- (viii) Selling.
- (ix) Servicing of fire extinguishers or fire extinguishing system.
- (x) Metered dose inhalers for medical purpose.
- (xi) Manufacture of Compressors.
- (xii) Others specify.
- \*4 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

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#### FORM 6 - PAGE 1

## REPORT ON USE OF NON OZONE DEPLETING SUBSTANCES BY BENEFICIARY COMPANIES \*1

Frequency of report: Annually

]	Last d	late f	or su	ubmis	sion o	f report:	Within	60 c	days c	of end	of ca	lenda	ar yea	ar.

(in metric tonnes)

Name of Company:	Period of report : Jan - Dec

C Ma	مم مسلم ۸	Data of	Name of		Donne	Mana of	Ougatita
S.No.	Address	Date of	Name of	Quantity	Purpose	Name of	Quantity
	of	Commencement	Depleting	of Ozone	for which	non-	of non-
	Factories	of	substances	Depleting	non	Ozone	Ozone
		manufacturing	used prior	Substance	Ozone	Depleting	Depleting
		operations with	to	used in a	Depleting	Substance	Substance
		non-ozone	conversion	period of	Substance	being	used
		Depleting	(if	12 month	is being	used	during
		Substances	applicable)	prior to	used *2		the period
				conversion			of report
				(if			
				applicable)			

Total

Signature \*3 with seal

#### Form 6 - Page 2

T T . C.	
Verification	n
V CI III Catio	ш

I S/o				
do hereby solemnly verify that to the best of my know given above and the annexure and statements any complete.	•			
I further declare that I am submitting and verifying the information given above in my capacity as				
Place	Signature *3 with seal			
Notes:	William Soul			
Notes.				

- \*1 This report is to be submitted by all companies whose names have been notified under sub rule (2) of rule 6 or sub-rule (3) of rule 14.
- \*2 Purpose are:
  - (i) Manufacture of aerosols (excluding metered dose inhalers for medical purposes).
  - (ii) Manufacture of Foam products.
  - (iii) Manufacture of Fire extinguishers & fire extinguishing systems.
  - (iv) Manufacture of Mobile Air conditions.
  - (v) Manufacturing of other Refrigeration & Air conditioning products (excluding compressors).
  - (vi) Solvent use.
  - (vii) Exempted use.
  - (viii) Servicing of fire extinguishers or fire extinguishing system.
  - (ix) Manufacture of Compressors.
  - (x) Others specify.
- \*5 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

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#### **FORM 7 - PAGE 1**

#### REPORT ON RECLAMATION OF OZONE DEPLETING SUBSTANCES

Frequency of report: Annually

Last date for submission of report: Within 60 days of end of calendar year.

Period of report: January - December

(in metric tonnes)								
S.No.	Name of	Quantity of	Name & address of	Quantity of	Name &			
	Ozone	*2 Ozone	company/site from	Ozone	Address of site			
	Depleting	Depleting	which Ozone	Depleting	at which Ozone			
	Substance	Substances	Depleting	Substances	Depleting			
	*1	recovered	Substances was	was	Substances was			
			recovered	reclaimed*3	reclaimed			
1	2	3	4	5	6			
Total								
Signature *4 with seal Form 7 - Page 2								

Verification I ...... S/o ..... do hereby solemnly verify that to the best of my knowledge and belief the information given above and the annexure and statements any accompanying it are correct and complete. I further declare that I am submitting and verifying the information given above in my capacity as ...... and that I am competent to do so. Signature \*3..... Place ..... Date ..... with seal

#### Notes:

Name of Company:

- \*1 Please see Schedule I for list of all ozone depleting substances.
- \*2 'Recovery' The collection and storage of ozone depleting substance from machinery, equipment vessels etc. during servicing or prior to disposal.
- \*3 'Reclamation' The reprocessing and upgrading of a recovered ozone depleting substance through such mechanism as filtering, during, distillation and chemical treatment in order to restore the substance to specified standard of performance. If often involves processing 'off side' at a central facility.
- \*4 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

#### **FORM - 8**

### REPORT ON QUANTITY OF OZONE DEPLETING SUBSTANCES DESTROYED

Frequency of report : Annually

Last date for submission of report: Within 30 days of send of calendar year

Period of report: Jan - Dec					
Name of Company					
rame of company	(in metric tonnes)				
Name of Group of Ozone	Name of Ozone Depleting	Quantities Destroyed *1			
Depleting Substances	Substances				
		Signature *2			
		with Seal			
		with Sear			
Verification					
	. S/o				
solemnly verify that to the bes					
and the annexure and statemen	am submitting and verifying				
in my capacity as					
in my capacity as	und that I am compet	chi to do so.			
Place	Sig	nature *2			
Date		h seal			
Notes:					
	ould be calculated on the basi	s of destruction efficiency of			
the facility employed. *2 The above Form inclu	ding the verification portion	must be signed in case of an			
	vidual himself or a person dul				

\*\*\*\*\*

responsible for the conduct of the business.

of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or

#### FORM 9 PAGE 1

## FORM FOR REFRIGERATION OF ENTERPRISES PRODUCING OZONE DEPLETING SUBSTANCES [SUB-RULE (1) OF RULE 3]

1. Name of enterprises

6.

- 2. Address of Registered office (including Tehsil, District, State)
- 3. Particulars of factories

Sr.	Name *1 of Ozone	Address of factory	Date of	Date of
No.	Depleting	where Ozone	incorporation or	commencement
	Substances	Depleting Substances	registration	of commercial
		is produced		production
		(including Tehsil,		_
		District, State)		
1.				
2.				
3.				
4.				

4. Name of business house/group to which the enterprise belongs.

and Loss Account of the enterprise for the last three years.

5. Please give name of Managing Director of Chief Executive.

#### Form 9 Page 2

Please enclose a copy of the Annual Report, Audited Balance Sheet and Profit

Place Date	Signature of the applicant *2 with Seal
Verification	
do hereby solemnly verify that to t	he best of my knowledge and belief the information d statements any accompanying it are correct and
	submitting and verifying the information given above and that I am competent to do so.
Place	Signature *2 with seal

#### Notes:

- \*1 Please see Schedule I for list of all ozone depleting substances.
- \*2 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

\* \* \* \* \* \*

#### **FORM 10 - PAGE 1**

## FORM FOR REGISTRATION N OF ENTERPRISES SELLING OZONE DEPLETING SUBSTANCES [SUB-RULE (1) OF RULE 6]

- 1. Name of firm
- 2. Address of Registered office (including Tehsil, District, State)
- 3. Date of Registration and the name of Act under which registered (A copy of such registration to be attached)
- 4. Particulars of sales outlet

Sr.	Name of Ozone	Address	of	Date	of	start	of	Name	&	addres	SS	of
No.	Depleting	sale outlets		sale	of	Ozo	ne	produc	er/	import	er	of
	Substances			Deplet	ing			Ozone		Dep	leti	ng
				Substa	nce	•		Substai	nce	from	who	m
								Ozone		Dep	leti	ng
								Substai	nce v	was puro	chas	ed
								during	the	past 1	wel	ve
								months				

#### Form 10 - Page 2

5	Mama	f Dage	miatan an	Chief	Executive	
.).	name o	i Pron	rieior or	Cmer	Executive	

6.	Please attac	h a copy o	of latest	Income '	Γax ₽	Assessment	Order
----	--------------	------------	-----------	----------	-------	------------	-------

Signature of the applicant \*2 with Seal

#### Verification

	enterprise/ firm mentioned in Sr. 1 abo	11
under sub-rule (1)	of rule 6 of the Ozone Depleting Sub	estances (Regulation and Control)
Rules, 2000 with a	any other registering authority.	
Ι	S/o	do
hereby solemnly v	verify that to the best of my knowledge	e and belief the information given

above and the annexure and statements any accompanying it are correct and complete.

I further declare that I am submitting in my capacity as	g and verifying the information given above at I am competent to do so.
Place Date	Signature *2with seal

#### Notes:

- \*1 Please see Schedule I for list of all ozone depleting substances.
- \*2 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

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#### **FORM 11 - PAGE 1**

## FORM FOR REGISTRATION OF ENTERPRISES USING OZONE DEPLETING SUBSTANCES IN ACTIVITIES SPECIFIED IN COLUMN 2 OF SCHEDULE IV

[sub-rule (1) of rule 8]

#### Part A

#### Activities relating to manufacture of products using ozone depleting substances

1.	Name	of the	antar	nrica
1.	ranic	OI LIIC	CHICI	பாகட.

- 2. Address of registered office (including Tehsil, District, State):
- 3. Particulars of factories :

S.No.	Address o	of factory	Name	of	Date	of	Date	of
	where prod	lucts using	products	being	incorporatio	n	comn	nencement
	Ozone	Depleting	manufacti	ured	registration		of	commercial
	Substances	are	*1				produ	iction
	produced	(including					_	
	Tehsil,	District,						
	State)							
1.								
2.								
3.								
4.								

4.	Name of business house/group to which the enterprise belongs :	Schedule         XI           Form         11
5.	Please give name of Managing or	Page
6.	Please enclose a copy of the latest Annual: Report, Audited Balance Sheet and Profit & Loss Account of the enterprise.	

Signature of the applicant \*2 with seal

#### Verification

I declare that the enterprise/ firm ments registration under sub-rule (1) of rule 6 of the (and Control) Rules, 2000 with any other register.	1 0
I S/o	do
hereby solemnly verify that to the best of my knabove and the annexure and statements any acco	
I further declare that I am submitting ar in my capacity as and that I	nd verifying the information given above am competent to do so.
Place	Signature *2
Date	with seal
Notes:	

- \*1 Products to include one of the following:
  - (i) Aerosols (excluding metered dose inhalers for medicinal purposes); (ii) Foam Products; (iii) Fire Extinguishers or fire extinguishing systems; (iv) Mobile Air Conditioners; (v) Other Refrigeration & Air conditioning products (excluding compressors); (vi) Products where ozone depleting substances are used as solvents; (vii) Metered Dose Inhalers for medicinal purpose.
- \*2 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

#### Form 11 - Page 2

#### Part B

#### Activities relating to servicing of fire extinguishers or fire extinguishing systems

Name of the enterprise/firm

1.

2.	Address of Registered office (including Tehsil, District, State)	:		
3.	Date of Registration and the name of			
٥.	Act under which registered. (A copy of registra	ation		
	to be attached)	ation		
4.	Servicing fire extinguishers		Yes/No	
<del>-</del> . 5.	Servicing fire extinguishing systems	•	Yes/No	
5. 6.	Address of servicing outlet	•	1 68/110	
0. 7.	Date of commencement of servicing activities	•		
7. 8.	Name of Proprietor/Chief Executive Committee			
6. 9.	Please enclose a copy of the latest Annual R		Ralanca Shoot	and
<b>7.</b>	Profit & Loss Account of the enterprise or Inco	•		anu
	From & Loss Account of the enterprise of free	onic Tax Assessi	ment Order.	
		Signa	iture of	the
		•	cant *1	tiic
		with s		
Verif	ication	With	year .	
, 0111				
_	I declare that the enterprise/ firm mentioned tration under sub-rule (1) of rule 6 of the Ozone Control) Rules, 2000 with any other registering aut	Depleting Subs		
	I S/o			. do
hereb	y solemnly verify that to the best of my knowled	ge and belief the	information g	iven
above	e and the annexure and statements any accompany			
	I further declare that I am submitting and veri	ifying the inform	nation given al	bove
in my	capacity as and that I am co	ompetent to do s	0.	
Place	·			•••
Date		with seal		
Notes				
*1	The above Form including the verification po	rtion must be si	gned in case of	of an

\* \* \* \* \* \*

responsible for the conduct of the business.

individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or

#### **FROM 12 - PAGE 1**

## REPORT ON MANUFACTURE, IMPORT, EXPORT AND SALE OF COMPRESSORS

Frequency of report: Quarterly

Last date for submission of report: Within 30 days of end of the quarter

Period of report \_\_\_\_\_

Name of Company\_\_\_\_\_

# S.No. Size of Compressor Produced No. of compressors 1 2 3 4 5 TOTAL

No. of compressor sold in India	Name and address of Indian buyer	Name of refrigerant if compressor was charged at used the premises of the company	Quantity of refrigerant used
6	7	8	9
TOTAL			

Signature \*1 with Seal

\*\*\*\*\*\*

#### FORM 12 PAGE 2

Verification	
I	ledge and belief the information
I further declare that I am submitting and verify in my capacity as and that I am con	
Place Date	Signature *2 with seal

Notes:

\*1 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

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#### **FORM 13 - PAGE 1**

## FORM FOR REGISTRATION OF ENTERPRISES MANUFACTURING, IMPORTING OR EXPORTING COMPRESSORS

#### (rule 12)

1. Name of the enterprise/firm :

2. Address of Registered office : (including Tehsil, District, State)

3. Particulars of factories manufacturing : Compressors (for manufacturers)

S.No.	Address of factory where	Date of	Date of commencement
	compressors are produced	incorporation of	of commercial
	(including Tehsil, District,	registration	production
	State)		
1	2	3	4
1.			
2.			

4. Particular regarding imports :

(for importers)

Sr. No.	Address of companies from whom importing	Date of start of imports
1	2	3
1.		
2		

#### Form 13 - Page 2

5. Particular of sales outlet:

(for exporters and/or tranders)

Sr. No.	Address of sales outlets	Date of start of sales	Date of start of exports
1	2	3	4
1.			
2.			

- 6. Name of business house/group to which the enterprises belongs :
- 7. Please give name of Managing Director or Chief Executive :
- 8. Please enclose a copy each of the latest Annual Report, Audited Balance Sheet and Profit & Loss Account or Income Tax Assessment Order of the enterprises/firm.

Signature of the applicant \*1 with Seal

#### Verification

I declare that the enterprise/ firm mention registration under sub-rule (1) of rule 6 of the Ozo	* *
and Control) Rules, 2000 with any other registering	authority.
I	S/o
do hereb	by solemnly verify that to the best of
my knowledge and belief the information given abany accompanying it are correct and complete.	pove and the annexure and statements
I further declare that I am submitting and vin my capacity as	•
Place Date	Signature *1with seal

#### Form 13 - Page 3

Notes:

\*1 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

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#### **FORM 14**

#### FORM FOR REGISTRATION \*2 OF ENTERPRISES RECLAIMING/ DESTROYING OZONE DEPLETING SUBSTANCES

#### (rule 11)

- 1. Name of the enterprise:
- 2. Address of Registered office (including Tehsil, District, State):
- 3. Particulars of factories:

S.No.	Name of Ozone	Address of factory	Date of	Date of
	Depleting	where Ozone	incorporation	commencement
	Substance *3	Depleting	of registration	of commercial
		Substances is being	-	reclamation
		reclaimed/		destruction
		destroyed		
		(including Tehsil,		
		District, State)		
1.				
2.				
3.				
4.				

4.	Name of business house/group to which
	the enterprise belongs:

5.	Please give name of Managing Director	Schedule	X
	or Chief Executive :	Form	14
		Page	2

6. Please enclose a copy of the latest Annual Report, Audited Balance Sheet and Profit & Loss Account of the enterprise.

Signature of the applicant \*1 with seal

#### Verification

I declare that the enterprise/ firm mentioned in Sr. 1 above has not applied for registration under sub-rule (1) of rule 6 of the Ozone Depleting Substances (Regulation and Control) Rules, 2000 with any other registering authority.

#### The Ozone Depleting Substances (Regulation and Control)Rules, 2000

I	S/o
I further declare that I am submitting a in my capacity as and that	nd verifying the information given above I am competent to do so.
Place Date	Signature *1with seal

#### Notes:

- \*1 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.
- \*2 Please use separate form for reclamation and destruction.
- \*3 Please see Schedule I for list of all ozone depleting substances.

## SCHEDULE - XII [See rule 6(1), 7]

#### Part - I End-use declaration

1.	Information regarding sel Name of supplier:	ler of ozone depleting sub	ostances:	
	Address:			
2.	Information regarding pu	rchaser of ozone depleting	g substances	
	Name of recipient :			
	Address:			
	_			
	Fax :			
	Telephone No.:			
3.	Registration No.:			
4.	Name and address of Reg	istering Authority:		
5.	Name of Ozone Depleting Substance	Purpose * for which Ozone Depleting Substance is purchased		of Ozone Substance
				Kg.

6.	Has the purchaser ever been convicted of an offence under Indian law applicable in respect of ozone depleting substances ?	
	Yes	No
		Signature of the Purchaser of the Ozone Depleting Substances with seal *2
Verifi	cation	
		do hereby solemnly verify that to the best of given above and the annexure and statements lete.
in my	I further declare that I am submitted capacity as	ting and verifying the information given above I that I am competent to do so.
		Signature *3 with seal
Note:		
*1 Pu	rposes are:	
(iii) (iv) (v) (vi) (vii) (vii) (vii) (ix)	purposes). Manufacture of Foam products.  Manufacture of Fire extinguishers  Manufacture of Mobile Air condit. Manufacturing of other Refrigera compressors).  Solvent use.  Exempted use.  Selling.	ions.  Air conditioning products (excluding fire extinguishing system (applicable for Group
(xi)	<ul><li>Manufacture of Compressors.</li><li>i) Others - specify (excluding servicing service)</li></ul>	

- \*2 Use a separate form for quantities of ozone depleting substances for which the Central Government has granted exemption from these rules.
- \*3 The above Form including the verification portion must be signed in case of an individual by the individual himself or a person duly authorized by him, in case of Hindu undivided family, by the Karta: in case of the partnership firm, by the managing partner, in case of a company, by a person duly authorized in that behalf by the Board of Directors and in any case, by a person in-charge of or responsible for the conduct of the business.

#### PART - II

A person purchasing ozone depleting substances will produce a copy of certificate of registration issued under sub-rule (1) of rule 8 before the person selling such ozone depleting substances along with the declaration specified in part I above. The copy of such certificate of registration should have been duly attested in case of a company by the Company Secretary or a full time Director of the company, in case of a partnership firm by the Managing partner and in any other case by Public Notary or a Gazetted Government Officer. The person selling ozone depleting substances shall verity particulars given in serial numbers 2, 3 and 4 of declaration specified in part I above with the corresponding particulars mentioned in the certificate of registration.

[F.No. 16/1/96-OC] A.K. KUNDRA, Spl. Secy.