

REVISED COUNTRY PROGRAMME REPORT FORMAT (2012 AND BEYOND)

COUNTRY: INDIA

YEAR: January to December of the year

2010

A. Data on Controlled Substances (in METRIC TONNES)

NOTE: Data entry is required in UNSHADED cells only

Substance ¹	Use by Sector											Import	Export ²	Production ³	Remarks (e.g., stockpiling if use is different from consumption)
	Aerosol	Foam	Fire Fighting	Refrigeration		Solvent	Process agent	Lab Use	Methyl bromide ³		TOTAL				
				Manufacturing	Servicing				QPS	Non-QPS					
Annex B, Group III															
Methyl chloroform						0.00	0.00	0.00			0.00	0.00	0.00	0.00	
Sub-Total						0.00	0.00	0.00			0.00	0.00	0.00	0.00	
Annex C, Group I															
HCFC-22	0.00	326.53	0.00	4789.03	5768.67	0.00	0.00	0.00			10884.29	0.00	20152.34	31036.64	
HCFC-141b	36.38	3310.60	0.00	181.90	0.00	109.14	0.00	0.00			3638.02	3638.02	0.00	0.00	
HCFC-141b in imported pre-blended polyol		0.00									0.00	0.00	0.00	0.00	
HCFC-142b	0.00	29.37	0.00	0.00	96.63	0.00	0.00	0.00			126.00	126.00	0.00	0.00	
HCFC-123	0.00	0.00	67.23	0.00	306.30	0.00	0.00	0.00			373.53	373.53	0.00	0.00	
HCFC-124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
HCFC-133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
HCFC-225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
HCFC-225ca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
HCFC-225cb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
Other ³	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
Other ³	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
Sub-Total	36.38	3668.50	67.23	4970.99	6171.60	109.14	0.00	0.00			15021.84	4137.55	20152.34	31036.64	
Annex E															
Methyl bromide									1180.87	0.00	1180.87	40.32	1370.10	2510.65	
Sub-Total									1180.87	0.00	1180.87	40.32	1370.10	2510.65	
TOTAL	36.38	3668.50	67.23	4970.99	6171.60	109.14	0.00	0.00	1180.87	0.00	16202.72	4177.87	21522.44	33547.29	

1 Where the data involves a blend of two or more substances, the quantities of individual components of controlled substances must be indicated separately.

2 Where applicable.

3 Indicate relevant controlled substances.

B. Regulatory, administrative and supportive actions

TYPE OF ACTION / LEGISLATION		HCFC		Remarks
		Yes/No	If Yes, since when (Date) / If No, planned date	
1.	REGULATIONS:			
1.1	Establishing guidelines to control import (production and export) of HCFCs			
1.1.1	Import/export licensing or permit system in place for HCFCs			
1.1.1.1	Import licensing system in place for HCFCs	Yes	19.7.2010	
1.1.1.2	Export licensing system in place for HCFCs	Yes	19.7.2010	
1.1.1.3	Permit system in place for import of HCFCs	Yes	19.7.2010	
1.1.1.4	Permit system in place for export of HCFCs	Yes	19.7.2010	
1.1.2	Regulatory procedures for HCFC data collection and reporting in place			
1.1.2.1	Regulatory procedures for HCFC data collection in place	Yes	19.7.2010	
1.1.2.2	Regulatory procedures for HCFC data reporting in place	Yes	19.7.2010	
1.1.3	Requiring permits for import or sale of HCFCs			
1.1.3.1	Requiring permits for import of HCFCs	Yes	19.7.2010	
1.1.3.2	Requiring permits for sale of HCFCs	Yes	19.7.2010	
1.1.4	Quota system in place for import of HCFCs	Yes	23.5.2013	
1.1.5	Licensing/quota systems include accelerated HCFC control measures agreed in 2007	Yes	23.5.2013	
1.1.5.1	Licensing system includes HCFC control measures	Yes	23.5.2013	
1.1.5.2	Quota system includes HCFC control measures	Yes	23.5.2013	
1.2	Banning import or sale of bulk quantities of:			
1.2.1	Banning import of bulk quantities of:			
1.2.1.1	TCA	Yes	1.1.2010	
1.2.1.2	Methyl bromide	No	NA	
1.2.1.3	HCFC	No	NA	
1.2.2	Banning sale of bulk quantities of:			
1.2.2.1	TCA	Yes	1.1.2010	
1.2.2.2	Methyl bromide	No	NA	
1.2.2.3	HCFC	No	NA	
		HCFC		
		Yes/No	If Yes, since when (Date) / If No, planned date	Remarks
1.3	Banning import or sale of HCFC-based equipment and/or products			
1.3.1	Banning import of HCFC-based equipment and/or products:			
1.3.1.1	New and used commercial refrigeration equipment	No	1.7.2015	
1.3.1.2	New and used freezers	No	1.7.2015	
1.3.1.3	Mobile systems including buses, trains, passenger ships, ferries and refrigerated transport	No	1.7.2015	
1.3.1.4	Air conditioners	No	1.7.2015	
1.3.1.5	Chillers	No	1.7.2015	
1.3.1.6	Aerosols except for metered-dose inhalers	No	1.7.2015	
1.3.2	Banning sale of HCFC-based equipment and/or products:			
1.3.2.1	New and used commercial refrigeration equipment	No	1.1.2025	
1.3.2.2	New and used freezers	No	1.1.2025	
1.3.2.3	Mobile systems including buses, trains, passenger ships, ferries and refrigerated transport	No	1.1.2025	
1.3.2.4	Air conditioners	No	1.1.2025	
1.3.2.5	Chillers	No	1.1.2025	
1.3.2.6	Aerosols except for metered dose inhalers	No	1.1.2025	
		HCFC		
		Yes/No	If Yes, since when (Date) / If No, planned date	Remarks
1.4	Training and certification programmes			
1.4.1	Training programmes:			
1.4.1.1	For training of customs officers	Yes	1.1.2013	
1.4.1.2	For training of refrigeration service technicians	Yes	1.1.2013	
1.4.1.3	System for monitoring and evaluation of training programmes	Yes	1.1.2013	
1.4.2	Certification programmes:			
1.4.2.1	For training of customs officers	No	NA	
1.4.2.2	For training of refrigeration service technicians	No	NA	
1.4.2.3	For certification of refrigeration service technicians	No	NA	
1.4.2.4	System for monitoring and evaluation of training programmes	No	NA	
		HCFC		
		Yes/No	If Yes, since when (Date) / If No, planned date	Remarks
1.5	Recovery and recycling			

TYPE OF ACTION / LEGISLATION		Yes/No	If Yes, since when (Date) / If No, planned date	Remarks
1.5.1	Mandatory recovery and recycling	No	NA	
1.5.2	Monitoring system for reporting on recovered and recycled	No	NA	
1.6	Other regulations (please specify)			
1.6.1				
1.6.2				
1.7	HCFC-141b in imported pre-blended polyols			
1.7.1	Is HCFC-141b in imported pre-blended polyol reported under Article 7?	No	NA	
		HCFC		
		Yes/No	If Yes, since when (Date) / If No, planned date	Remarks
2.	ENFORCEMENT OF ODS IMPORT CONTROLS			
2.1	Is registration of HCFC importers required?	Yes	19.7.2000	
2.2	Is there a shared database on import quotas and actual imports between ozone office and customs?	No	NA	
2.3	Have there been instances of unauthorized HCFC imports stopped?	No	NA	
2.4	Are estimated quantities and origin of HCFC imports tracked by country?	No	NA	

COUNTRY: INDIA

C. Quantitative assessment of the phase-out programme

Description	Annual	Cumulative	Remarks
Import quotas/licenses issued (metric tonnes)			
Methyl chloroform	0		
Methyl bromide	40.32		
HCFC-22	0		
HCFC-141b	3838.02		
HCFC-141b in Imported Pre-blended Polyol	0		
HCFC-142b	126		
HCFC-123	373.53		
HCFC-124	0		
HCFC-133	0		
HCFC-225	0		
HCFC-225ca	0		
HCFC-225cb	0		
Others	0		
Export quotas/licenses issued (metric tonnes)			
Methyl chloroform	0		
Methyl bromide	0		
HCFC-22	20152.34		
HCFC-141b	0		
HCFC-141b in Imported Pre-blended Polyol	0		
HCFC-142b	0		
HCFC-123	0		
HCFC-124	0		
HCFC-133	0		
HCFC-225	0		
HCFC-225ca	0		
HCFC-225cb	0		
Others	0		
Average estimated retail price of ODS/substitutes (US\$/kg)			
HCFC-22	10.5		
HCFC-141b	NA		
HCFC-141b in Imported Pre-blended Polyol	NA		
HCFC-142b			
HCFC-123			
HCFC-124			
HCFC-133			
HCFC-225			
HCFC-225ca			
HCFC-225cb			
HFC-134a	12.5		
R-404A	NA		
R-507A	NA		
R-410A			
R-407C			
HFC-245fa			
HFC-358mfc			
HFC-227ea			
Isobutane (HC-600a)			
Propane (HC-290)			
Pentane			
Cyclopentane			
Methyl formate			
MDI (for production of foam)			
Training programmes (HCFC)			
Number of trainers for customs trained			
Number of customs officers trained			
Number of trainers for technicians trained			
Number of technicians trained			
Number of technicians certified			
Recovery/recycling/reused (metric tonnes where applicable)			
Estimated HCFC-22 recovered with equipment funded by Multilateral Fund	NIL		
Total HCFC-22 recovered	NIL		
Estimated HCFC-22 reused with equipment funded by Multilateral Fund	NIL		
Total HCFC-22 reused	NIL		
Number of funded recovery machines in operation	NIL		
Number of funded recovery machines not in operation	NIL		
Number of funded recycling machines in operation	NIL		
Number of funded recycling machines not in operation	NIL		
Number of funded end-users converted	NIL		
Number of funded end-users retrofitted	NIL		

D. Qualitative assessment of the operation of HPMP

1. Is the HPMP and its components (recovery and recycling programmes, equipment retrofit, training of technicians and customs, and legislation) proceeding as scheduled:

☒

Yes

☐

No

☐

N/A HPMP already completed

If not, please specify milestones and completion dates with delays, and explain reasons for the delay and measures taken to overcome the problems:

2. The HCFC import licensing and quota system scheme functions:

☒

Very well

☐

Satisfactorily

☐

Not so well

Please specify problems encountered: _____

3. The HCFC recovery and recycling programme functions:

☐

Very well

☒

Satisfactorily

☐

Not so well

Please specify problems encountered: _____

4. The HPMP will enable the Government to achieve:

☒

the 10% HCFC reduction target in 2015

☐

the 35% HCFC reduction target in 2020

☐

the 65% HCFC reduction target in 2025

☐

the 97.5% HCFC reduction target in 2030

☐

the complete phase-out of HCFC in 2040

☐

Accelerated total phase-out by _____

☐

Other: ____% HCFC reduction target by ____

5. Additional measures that are needed and planned to assist in the implementation of the HPMP and to achieve compliance:

E. Comment by bilateral/implementing agency(ies)