

**XXX MEETING OF THE EMPOWERED STEERING COMMITTEE FOR
IMPLEMENTATION OF THE MONTREAL PROTOCOL**

Date : 1st February, 2006

Time : 3.00 p.m.

Venue : Room No. 403, Conference Room,
Paryavaran Bhawan,
CGO Complex,
Lodhi Road,
New Delhi – 110 003

PROVISIONAL AGENDA

- Item No. 1:** Adoption of the Agenda
- Item No. 2:** Confirmation of Minutes of the XXIX Empowered Steering Committee (ESC) meeting held on 2nd November 2005.
- Item No. 3:** Action taken on decision of the XXIX ESC.
- Item No. 4:** Progress of Implementation of Projects.
- (a) Progress of the Implementation Status of Umbrella Project in Foam Sector
 - (b) Progress of the Implementation Status of Umbrella Project in Commercial Refrigeration Sector
 - (c) Implementation Status of the National CFC Consumption Phase-out Plan (NCCoPP).
 - (d) Implementation Status of CFC Phase out Project.
 - (e) Implementation Status of National CTC Phase out Plan.
- Item No. 5:** Consideration of applications received for Duty Exemption in respect of new or expanded activities with non-ODS technology.
- Item No. 6:** Other matters.
- (a) Date of the next meeting of the ESC



**ANNOTATED AGENDA OF THE XXX MEETING OF THE EMPOWERED
STEERING COMMITTEE FOR IMPLEMENTATION OF THE MONTREAL
PROTOCOL
1st February 2006**

Item No. 1 : Adoption of the Agenda

The provisional agenda may be adopted.

Item No. 2 : Confirmation of Minutes of the XXIX ESC meeting held on 2nd November 2005

The Minutes of XXIX meeting of the ESC which was held on 2nd November 2005 has been circulated to all members. No comments have been received. The Minutes at *Annexure – 1* may be confirmed.

Item No. 3 : Action taken on decision of the XXVIII ESC.

S. No	Decision taken in XXIX ESC	Action taken on the decision
1	Para 1 of item 3: A view on granting duty exemption for new or expansion cases for the reminder of 2005-06.	<ul style="list-style-type: none"> ▪ Based on the reports submitted by CII, a decision was taken on file to consider the application for duty exemption for the reminder period of 2005-06. Accordingly, ten applications were considered and approved. A meeting was also convened to discuss the continuance of duty exemption facilities for substitution of ODS and new or expanded capacity with Non-ODS technology for the financial year 2006-07. It was agreed by all the members of the meeting that this facility should continue. Accordingly, necessary recommendations were made by the Ozone Cell to PL division for onward transmission to the Ministry of Finance. Minutes of the Meeting and proposal for Union Budget may be seen at Annex II.
2	Para 2 of item 3:	<ul style="list-style-type: none"> ▪ Ozone Depleting Substances

	Regarding trade policy of Air-conditioners containing HCFC-22	(Control and Regulations) Rules 2000 have been reviewed in the Ozone Cell. The proposed amendment to rules and schedules including the trade policy of Air conditioners containing HCFC-22 were discussed in a meeting held on 4 th January 2006. Representatives of industry associations and DGFT were present. The Minutes were circulated to all members present in the meeting for their comments by 10/2/06. Thereafter, the draft amendments will be put up to the MEF for approval.
3	Para 2 of Item 4: Future progress report should include implementation status of various projects and details of funds approved and released in tranches.	<ul style="list-style-type: none"> ▪ As per the decision, the implementation status, details of funds approved and released intranches have been included.
4	Decision taken in XXIX ESC: Duty exemption applications in respect of new of expanded activities with non-ODS technology discussed and approved in the XXIX meeting of the ESC.	<ul style="list-style-type: none"> ▪ Action taken on the decision: Duty exemption certificates for the following enterprises were issued:- <ul style="list-style-type: none"> ➤ M/s ZECO Aircon Industries Pvt. Limited, Mundka, New Delhi. ➤ M/s Tecumseh Products India Limited (viii), Ballabgarh (Haryana), application of 21/4/05 ➤ M/s Tecumseh Products India Pvt. Limited (ix), Ballabgarh (Haryana), application of 24/6/05 ➤ M/s Videocon International Limited, Aurangabad (Maharashtra)

Item No. 4 :**Progress of Implementation of Projects****(a) Progress of the Implementation Status of Umbrella Project in Foam Sector**

The project was approved in 37th Meeting of the Executive Committee of Multilateral Fund (MLF), at a total funding level of US\$ 5,424,577, to be provided in five tranches, leading up to the complete phase-out of CFCs in the Foam Sector in India. So far, four tranches, amounting US\$ 5,656,789 have been approved by the Executive Committee and released to UNDP.

As per the project document and survey taken by the UNDP, all the enterprises(118) have been endorsed by the Ozone Cell in five batches. The UNDP has procured equipment worth US\$ 3.47 million. At 50 enterprises, conversion activities have been completed. Equipment for 35 enterprises have been installed and for another 28 industries purchase order has been placed.

The Committee may kindly take note of the above information.

(b) Progress of the Implementation Status of Umbrella Project in Commercial Refrigeration Sector

The Plan for Phase-out of CFCs in the Refrigeration (Manufacturing) Sector in India project was approved in 38th Meeting of the Executive Committee of the MLF, at a total funding level of US\$ 3,609,186 to be provided in five tranches, leading up to the complete phase-out of CFCs in the Refrigeration (Mfg.) sector in India. The Plan is implemented by the UNDP and UNIDO.

So far, four tranches amounting to US\$ 3,209,186 have been approved by the MLF and released to UNDP and UNIDO. As per the project document and survey taken by UNDP, 148 enterprises have been endorsed in five batches by the Ozone Cell and remaining 40 enterprises will be endorsed in the first quarter of this year. Equipment of all enterprises have been procured and are under installation.

The Committee may kindly take note of the above information.

(c) Implementation Status of the National CFC Consumption Phase-out Plan (NCCoPP).

- The National CFC Consumption Phase-out Plan was approved at 42nd meeting of the Executive Committee at a total cost of US\$ 6.388 million. The Government of Germany, as the lead Implementing Agency, has initiated the implementation process. The UNDP has taken steps for procurement of equipment. The UNEP has also initiated activities to launch the awareness programme and NACEN is coordinating for the Customs and Policy Training. So far, the MLF has approved two tranches amounting to US\$ 4,540,890.

i) General activities of the project, the progress is as follows:

- NCCoPP has formed a core group under the chairmanship of Director, Ozone Cell and includes all the IAs and invited experts as Members. So far, four meetings of the core group have been held – two each in 2004 and 2005. The last meeting was held on 20 September 2005.
- The MoU between Govt. of India and GTZ as the lead IA has been signed.
- The Executive Committee at its 47th meeting approved the Annual Progress Report on NCCoPP for 2004 and Annual Work Plan for 2006.

ii) Training

With regard to training, the progress is as follows:

- A total of 41 training programs for domestic & commercial refrigeration servicing sector have been completed from April to December 2005, covering nearly 1050 technicians. During 2004-05, 64 training

programs covering 1614 technicians have been conducted. About 2700 service technicians have been trained till end December 2005. 8 out of 41 training programs were monitored for quality assurance.

- A Training of Trainers program on MAC servicing was conducted at Chennai in December 2005 for a total of 16 trainers of NCCoPP. After this, two training programs for MAC servicing technicians were conducted at Chennai in December 2005 by some of the trained trainers in which 47 service technicians were trained.
- A pilot training programme for refrigeration systems using open type compressors was conducted in Bangalore in December 2005 in which 20 persons were trained. These included 17 participants from various ice candy and OTC based system plants and 3 NCCoPP trainers. The NCCoPP trainers will conduct additional programs for this target group from January to March 2006.
- Three training programmes were conducted for ITI instructors in cooperation with Directorate General Employment & Training (DGET), Ministry of Labour, Govt. of India from November to December 2005. Totally, 67 ITI instructors have been trained against a target of 30 ITI instructors. A bulk of ITI instructors had been already trained under HIDECOR project. No ITI instructors are therefore left to be trained.

iii) Retrofitting

- An ice candy plant has been successfully retrofitted from CFC-12 to HCFC-22 at Bangalore. The process of retrofitting has been adopted after gaining experience through a number of experiments conducted in the laboratory.
- Indian Railways is making proactive efforts to phase-out CFCs by converting the under-slung CFC-12 based units to HFC-134a. A

number of units have already been successfully converted from CFC-12 to HFC-134a by different railways e.g., Northern, Western, South-Eastern and Southern Railways. The activity is closely coordinated and monitored by Research Designs and Standards Organisation (RDSO) Lucknow. In November 2005, a technical meeting was held at RDSO, where representatives from Indian Railways and Refrigeration Compressor Manufacturers participated. Prof. R. S. Agarwal from IIT, Delhi on behalf of NCCoPP made a presentation on “*Good Service Practice and Retrofitting of Under-slung CFC-12 based Units to HFC-134a*”. The participants appreciated the technical inputs provided and would incorporate the same during the conversion process.

iv) Equipment Support

With regard to Equipment Support to refrigeration service technicians, the progress is as follows:

- Totally 11 ESS workshops were conducted during the year 2005-06. 5 of these workshops were for phase 2 of ESS implementation, and a total of 657 servicing firms participated in them. 6 workshops were for phase 3, and a total of 630 servicing firms participated in them. The phase 2 workshops were conducted at Kochi, Mumbai, Ahmedabad, Kolhapur, Rajkot and Aurangabad. The phase 3 workshops were conducted at Kota, Jaipur, Jalandhar, Chandigarh, Lucknow and Varanasi. (3 Phase 1 ESS workshops were already completed in 2004-05)
- A total of 109 servicing firms have received equipment under the ESS till end December 2005.

v) Equipment Support to Govt. ITIs, the progress is as follows:

- All the 60 ITIs identified in the year 2004-05 have received equipment support from the project.
- Additional 60 ITIs for equipment support have been identified for the year 2005-06. UNDP has initiated procurement action to supply the equipment to these ITIs.

With regard to Equipment Support for Recovery & Recycling Equipment/ Reclamation Units, invitation for expression of interest for starting a business activity in recovery & recycling was posted on NCCoPP website..

vi) Awareness Activities

- 5 dealer workshops were completed during the year 2004-05. The locations of these workshops were New Delhi, Kolkata, Kanpur, Bhopal and Udaipur.
- “The World in Our Hands”, a video prepared to generate awareness both among the general public and the refrigeration servicing technicians is now available in English, Hindi, Bengali, Malayalam and Oriya.
- An Awareness Newsletter “*Eco-Cool*” focuses upon the needs of the refrigeration service sector technicians. Utmost care is taken to ensure quality content, and the final draft is reviewed by an NCCoPP technical advisory team.

vii) Customs & Policy Training

Information from UNEP on this component has been requested but till date no inputs have been received.

The committee may take note of the above.

(d) Implementation Status of CFC Phase out Project.

The CFC production sector gradual phase out project was approved in the 29th Meeting of the Executive Committee. It includes US\$ 80 million for compensation of producer enterprises and US\$ 2 million for Technical Assistance Programme. So far, six tranches amounting US\$ 56.8 million have been released and disbursed four CFC producing enterprises.

Till date the project has successfully phased out 11,294 MT of CFCs beginning from the baseline of 22,588 MT in the year 1999. The annual programme for this project for the year 2006 has been prepared in consultation with the World Bank and UNEP. This will be submitted to the MLF secretariat for consideration and approval at its 48th meeting which is scheduled to be held in April 2006. A copy of the draft annual program is being prepared.

The activities of the Ozone Cell have been reviewed by the Management Committee and the Governing Body of the society. The Governing Body at its third meeting approved the physical, financial achievements during 2004-05. Minutes may be seen at Annex IV.

(e) Implementation Status of National CTC Phase out Plan.

Carbon Tetra Chloride (CTC) National Phase out Plan has been approved by the Executive Committee at its 40th Meeting at the total cost of US \$ 52 million. So far, three tranches amounting US \$ 30 million has been sanctioned and released to World Bank, UNIDO and other bilateral agencies to implement the project. Detailed activities were reviewed and took note of the progress. Minutes of the Governing Body may be seen at Annex IV.

Item No. 5 :**Consideration of the applications received for Duty Exemption in respect of new or expanded activities with non-ODS technology.**

The Technology and Finance Standing Committee (TFSC) in its meeting held on **8th December 2005** considered the following applications and

recommended for exemption of customs and excise duties. Minutes of the TFSC are placed Annex V. Duty Exemptions certificates were issued for the following enterprises with the approval of Chairman of ESC.

1. M/s Global Autotech Ltd., NOIDA (UP)
2. M/s ICOMM Tele Ltd., Hyderabad
3. M/s Subros Limited., New Delhi
4. M/s Videocon International Ltd., Aurangabad (Maharashtra)
5. M/s Pranav Vikas India Ltd., (V) Faridabad
6. M/s Tecumseh Products India Limited (X), Ballabgarh

Submitted for ex-post facto approval of the Committee.

Item No. 6 :

Other matters.

(a) Un-audited expenditure statement for 2005 and Budget for 2006

The un-audited expenditure statement for 2005 and the budget for 2006 is placed at Annex VI.

(b) Date of the next meeting of the ESC

The next ESC meeting will be held on **3rd May, 2006.**



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- Annex I Minutes of the XXIX meeting of the Empowered Steering Committee (ESC).
- Annex II Minutes of Meeting for Union Budget for 2006-07.
- Annex III Record of the discussions of the Meeting on the proposed amendments to ODS Rules.
- Annex IV Minutes of the Meeting of 3rd Governing Body of PMU.
- Annex V Minutes of the TFSC held on 8th December 2005.
- Annex VI Un-audited expenditure statement for 2005 and Budget for 2006