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**FINAL REPORT,**  
**Unido Contract No. 16001090, Project No. MP / OMA / 01 / 149,**  
**for monitoring and evaluation of sub – projects in the refrigerant  
management plan in the Sultanate of Oman.**

**INTRODUCTION:**

The RMP for Oman was approved at the 34<sup>th</sup> meeting of the Executive Committee in December 2000. It consisted of four main components; training of trainers; training of customs officers; a recovery and recycling project and a component for the monitoring of the function of the RMP. The customs training component was completed in December 2003; training on good refrigeration practices was completed in December 2004; Recovery and Recycling project was completed in December 2005, the monitoring component is still ongoing.

**TRAINING OF CUSTOMS OFFICERS.**

Twenty two custom officers, were trained to ensure proper implementation of ODS import / export licensing system, efficient control of ODS and ODS using equipment entering the country and enhance entry of non – ODS in the market. Eight refrigerants identifiers were provided to the customs.

**TRAINING OF TRAINERS.**

Twenty five trainers were trained in the first phase followed by series of training courses which resulted into having hundred and sixty maintenance technicians being trained in good refrigerants management practices. However, we faced some difficulty in continuity due to the extensive spread of the workshops covering an area of approximately 300, 000 Km2 and the communication difficulty due to language especially the small workshops.

**LICENSING SYSTEM.**

An import / export licensing system prepared by the NOU is well utilized by the customs on ODS Or ODS using equipment. In addition an in-house data base has been developed and gives the following:

- 1 – Registration of all ODS dealers.
- 2 – Allocation of annual ODS import quotas.
- 3 – Storing of all relevant license information such as Company name, Substance, Quantity, Country of Origin etc...
- 4 – Generating different Data Reports.

The NOU came into an understanding with customs that no ODS Or ODS using equipment will be imported or exported without prior consent of the Ministry and this has been adhered too and has achieved good results to date.

## MONITORING SYSTEM FOR RECOVERY AND RECYCLING.

In order to achieve an efficient control the NOU carried out the following activities:  
In order to achieve an efficient control the NOU carried out the following activities:

- 1- The NOU visited the workshops which were given the R & R equipment in order to make sure they use the equipment and maintain them properly.
- 2- The NOU developed a reporting form and arranged extra training to the weaker workshops using expertise of the other workshop technicians who were familiar with the use of the equipments.

### DIFFICULTIES THE NOU FACED.

1 - Language as a communicating barrier, most of the technicians cannot communicate well in English. That is why the NOU had to resort to extra training using the other technicians who could explain in Urdu or Hindi language.

2 - Due to climatic conditions the vacuum pumps fixed on the R & R equipment were leaking from some seals.

We suggest the above is taken into consideration for future similar activities.

### DATA ON R & R.

Company	Recovered R-12	Recycled R-12	Recovered R-134a	Recycled R-134a
OCEAN TRAD.	20	7	60	13
A'AL ALI TRAD.	54	47.8	162	146
GULF ASIAN TRAD.	337	319	752	721
SALIM HABIB TRAD.	43.5	10.5	34.5	12
NABIL ALWAHIBI TRAD.	85	65	195	155
OMAN NATIONAL TRANSPORT CO. (2 EQUIPMENT).	-	-	857	795
AL THOARAH TRAD.	7.3	4.5	11	7.8
MINISTRY OF DEFENCE EQUIPMENT.) (7	1800	1800	-	-
Abdullah Al- Amri Trading	-	-	25	15
<b>Total</b>	<b>2859.5</b>	<b>2716.1</b>	<b>3087.5</b>	<b>2781.3</b>