

**Caribbean Ozone Officers Regional
Workshop
Organized By UNEP/ROLAC
In Collaboration With The Government
Of Dominica....
Fort young Hotel
Roseau Dominica.**

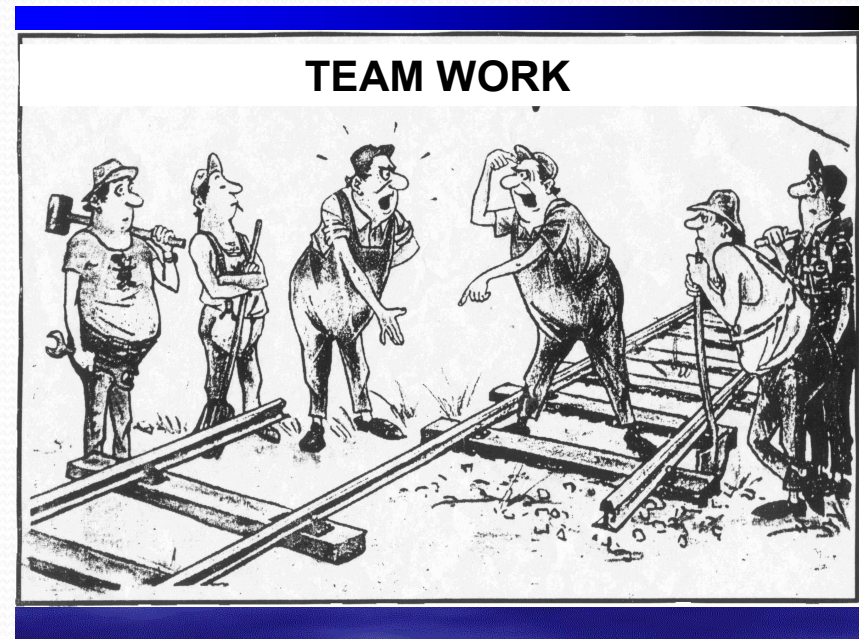
**EARL .A. WILLIAMS
PRESIDENT: REFRIGERATION ASSOCIATION OF
DOMINICA**

J73ew@hotmail.com

1-767-225-6405

Introduction

- If there is one lesson to be learnt from this slide it must be “WORKING TOGETHER”. There is an old saying that’s often used here.. “ Together we stand, divided we fall...”
- This slide demonstrates that in a very practical way. The big question therefore is “ Who must stand together?”





Role of The Association...

- I see the role of the association as a very important one. A role that must be but not limited to understanding the impact we can make on the environment either positively or negatively.
- We must agree that two of our primary responsibilities are R&R “ Recover and Re-use”
- So therefore I call on all my colleagues to to be responsible...

R R R R

- Working Together



- This picture depicts the cover page of our code of conduct pocket booklet which was developed in collaboration with our national ozone office and is given to technicians after training workshops.
- On this cover page there are 4 R's Recovery Recycle Retrofit and Re-use. I took the liberty to add 3 more R's Role Response and Responsibility. I hope I don't get into trouble with copy rights issues...



ROLE OF ASSOCIATION...

- In 1997 a group of six service technicians attended a Train-The –Trainer workshop in Antigua three of the technicians are still around today sharing or experience and knowledge in every way possible...
- In 2006 a group of concerned technicians came together at the New Town Community Center and began talks of forming an association of refrigeration and air conditioning.



ROLE OF ASSOCIATION CONT...

- Today this association is registered and guided by a code of conduct for technicians..
- I remember a question was asked at that meeting.
How did we technicians in a small beautiful country got ourselves involve in this ozone depleting business?
We later understood that even if we do not produce these chemicals the refrigeration industry contributes to ozone destruction.



1st R ROLE

Some of the refrigerants we technicians use to service RAC systems, CFC and HCFC for example if not handled properly will contribute to ozone destruction

Therefore we must remain committed as service technicians to ensure we play our part in preserving the environment in which live.

2nd R

Responsibility

- ❖ We as technicians are responsible for the preservation of the environment and one way we can do that is by performing good refrigeration practices. Such practices includes
 - **Good welding/brazing techniques**
(if we perform good solder joints there will be less leaks)
 - **Good vacuum procedures**
(cleaning and dehydrating the system before adding refrigerant will minimize the number of times we open the system for servicing.)

2nd R cont...

➤ **Recover and Reuse refrigerants**

One of the most effective ways to protect the environment is to recover, recycle and reuse refrigerants.

Refrigerants are safe within the systems however if there's a need to remove them we must be willing and ready to manage them.



3rd R

Response

□ How have we as service technicians and end users responded?

We have responded in many visible ways.

- We continue to work closely with the Environmental Coordinating Unit more specifically the ozone office

We take time off our busy schedule sometimes loose money in the process to attend meetings and workshops organized by our ozone office

3rd R cont..

- Formed ourselves into an organization (DARAC)

Its not always easy to get service technicians together to discuss relevant matters such as ozone depletion and global warming.

- Conducted several training sessions for our technicians
- Certify most of our technicians in good refrigeration practices
- Formulated a code of conduct pocket booklet which is intended to help guide and remind technicians of the need to adapt good practices.



Response cont..

- After every training and certification workshop participants are given a copy of the code of conduct



Sources Of Training...

- In addition to the training organized by UNEP/UNDP in collaboration with our ozone office and DARAC, the Dominica State College offer training to at least 15 persons every year at certificate level. R&R being part of the syllabus.
- The Goodwill Secondary School a Government school has introduced refrigeration and air conditioning to its syllabus from 3rd to 5th form, as part of its technical vocational program.



¿Do you know?

**What is the best
Technology to
phase out CFC's**



Sources of Training cont...

- As we continue our training program we want to cater for all our service technicians therefore we will be using both formal and informal settings

Challenges...

- ❖ Taking into consideration that approximately 80% of our technicians are self employed we are face with the difficulty of bringing all our members together for meetings and training workshops Sometimes the meeting date would have to be changed several times before a confirmed day is arranged.

Therefore we welcome ideas from our neighbors as to the way forward.

Challenges cont...

- ❖ We do not have reclaiming or destruction facilities hence we are face with the idea of storage.

Presently the largest recovery cylinders available to us is the 50lb tank.

The problem we foresee will be storage space and adequate cylinders.

We will continue negotiations with Polar technology and other companies with the view of transporting these chemicals abroad.(a regional approach may be needed)



Conclusion

In closing on behalf of DARAC I would like to pledge our continued support to the ECU and Government of Dominica in the fight to preserve the environment.

Remember “EVERY ACTION COUNTS”

Thank you