





**#**1





#2

HC Training

# Important?





# Training keeps one up-to-date and

SAFE.



## **Hydrocarbon Training**

- Not mandated in the U.S.
- RSES:
  - receives information that many companies see this as a problem
  - their technicians are not 100% sure how to service the equipment



#### **RSES** Hydrocarbon Training Program

- Developed a HC Training Program and Manual in 2012.
- Updated the program (2<sup>nd</sup> Ed.) in 2015 and went online (eLearning).
- Updating the program again (3<sup>rd</sup> Ed.) in 2017 and will be online.
- Currently the only 'independent' training program in the U.S.
- RSES HC training started in 2012 and we have seen an increase in sales each year.



### **RSES** Hydrocarbon Training Program

- reviews HCs as refrigerants (properties and safety)
- HC regulations and standards
- system components
- servicing procedures
- cylinder storage and transport
- participants earn a Certificate when they take and pass an exam



## **Hydrocarbon Training**

- There are a few manufacturers offering their own training.
- Many manufacturers use the RSES online eLearning option:
  - Pepsico,
  - True,
  - Hussman,
  - Ecolab,
  - to name a few.



#### **Hydrocarbon Market**

The EPA has approved the following applications for the use of hydrocarbons:

- household refrigerators, freezers and combos
- retail food refrigerators and freezers (stand-alone)
- vending machines
- very low temperature refrigeration equipment
- Residential and light commercial for self contained room air conditioners
- commercial ice machines
- water coolers

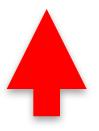




#### **Hydrocarbon Market**

With all the recently EPA approved applications for the use of hydrocarbons in the U.S.,

the market has no where to go but up.





# Thank you very much!

