



Green Matters

What's New for 2016

NEW TRAINING REQUIREMENTS

ATTN: NEW REQUIREMENTS FOR ALL ENVIRONMENTAL TRAINING REGISTRATION:

Starting 1 January 2016, you will be required to submit a registration form and/or attachments for all Environmental training classes/courses. This new requirement will allow this office to track environmental points of contact across the installation and plan more effectively for handouts and training materials for the classes.



The new registration form must be signed by your Supervisor (you are not permitted to sign your own registration form). Once training has been completed, this form will be signed by the Fort Gordon Environmental Training Manager and will serve as your training certification. It is also required that each student submit a completed registration form with their signature. The completed registration form must be submitted two weeks prior to the scheduled class date/s. If the form is not received within this time period you will not be enrolled in the designated training. A confirmation email will be sent to the student and Supervisor upon receipt. Walk-ins will not be permitted into class (certain circumstances will strongly be considered when coordinated with this office)!

As a prerequisite all Environmental Officers (EOs) are required to submit an appointment letter signed by your Commander/Director designating you as the EO/BEM for your organization in order to be eligible to enroll in the EO training. The appointment letter must be submitted to this office along with your registration form prior to the class. For more information, please call 791-6106.

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UPCOMING TRAINING

- ◇ Feb 4 - Hazardous Materials/Refresher, 0830;0945 Bldg 11307
- ◇ Feb 10-11 Hazardous Materials/Waste Management Course, 0800-1600, Bldg 11307
- ◇ Feb 18- Stormwater Industrial Training, 0900 -1100, Bldg 11307



Happy New Year



[Register for Training](#)

Winter Energy Saving Tips



As winter sets in, this article will help us to develop strategies to ensure maximum savings throughout the winter.

The sun provides heat all year long, but during the summer months we close off the curtains to reject the heat. In the winter we should take advantage of the free heat from the sun by opening our south facing windows during the day. This will allow sunlight to come in the building and naturally heat our facilities. As the sun goes down, we should close them to reduce the chill that comes from the windows.



As most readers know, a good source of chill comes from our windows. To reduce this infiltration, a good technique is to use a plastic sheet and tape it to the inside of the window during the cold winter months. Ensure that the plastic is sealed tightly to form an air barrier. To further reduce the chill that comes from the window, you can also add drapes or shades on the window.



To reduce the energy cost, use a programmable thermostat to turn back the thermostat 10F to 15F when the facility is not occupied or when you sleep at night. This will save you 10% a year in your heating and cooling cost. Ensure you find and seal all leaks in your buildings. A good source is caulk or weather stripping to seal the leaks around the doors and windows.

An important feature to staying warm during the winter season is to regularly change your air filters. If you look up and notice your ceiling is dirty, especially around the vents, your air filter needs to be changed more frequently. Dirty air filters prevent the proper exchange of heat and waste a large amounts of energy.



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Another good tip in lowering the energy cost during the winter season is to reduce our water heater temperature to 120F. This will not only prevent the scalding of your hands but also reduce the amount of energy wasted.

Applying these strategies will ensure maximum savings in the Garrison and in your homes.



Compliance Points to Ponder

Dumpster Do's and Don'ts

- **DO:**

- Place all trash inside the dumpster.
- Keep the lid and side sliding doors closed.
- Call DPW Environmental if your dumpster is full.

- **DON'T:**

- NO hazardous waste, paint cans, used oil, cooking grease, etc., in the dumpster.
- NO construction debris in the dumpster.
- NO wood waste (e.g., tree branches) in dumpster.
- NO recyclables in dumpster.
- NO hot ashes in the dumpster.
- NO overfill the dumpster.
- NO trash on top of or beside the dumpster.
- NO parking in front of or block access to the dumpster.

- **RECYCLE:**

○ Separate your recyclables and keep them out of the trash dumpster. The Recycling Center accepts the following materials for recycling:

- | | |
|---|-----------------------|
| ⇒ Cardboard | ⇒ Grocery bags |
| ⇒ White paper | ⇒ Plastic wrap |
| ⇒ Color Paper | ⇒ Single-shred paper |
| ⇒ Newspaper (with inserts) | ⇒ Lead-acid batteries |
| ⇒ Books, magazines, telephone books and manuals | |
| ⇒ Plastics # 1 and #2 | |
| ⇒ Aluminum cans | |
| ⇒ Toner cartridges | |
| ⇒ Pallets | |
| ⇒ Scrap metal | |
| ⇒ Tin cans | |
| ⇒ Brass for scrap | |



Phase out of Freon (R22)

Emissions of certain synthetic chemicals are gnawing a hole in our ozone layer. The ozone layer acts as a shield to protect our planet from harmful UV rays which in turn effect climate change. The United States has taken action in a collaborative, international effort to reduce and eliminate the release of these harmful chemicals to our environment. Thus the birth of the Phase out plan for R22 and R142b.

What is R22?

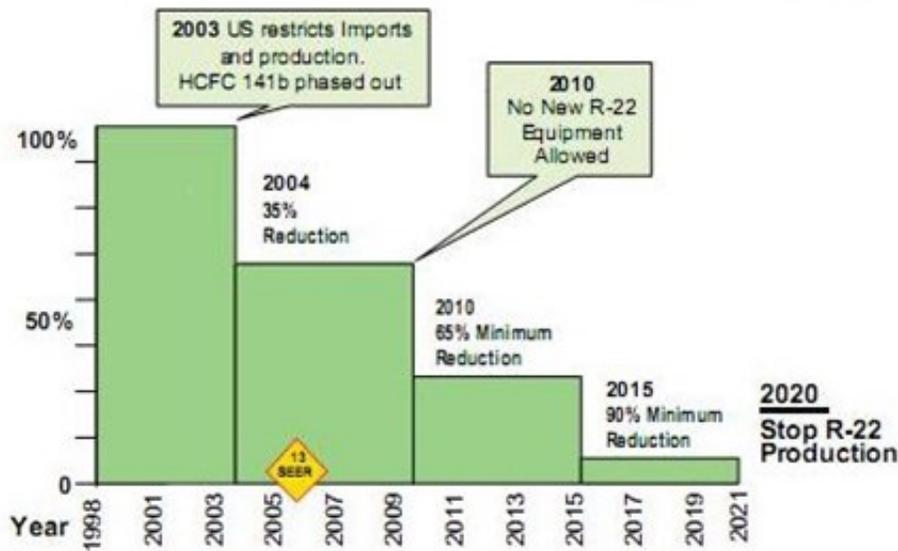
Freon is a colorless, nonflammable liquid. It is manmade and produced in large amounts. It is also known as HCFCs (hydrochlorofluorocarbon). R22 is a HCFC refrigerant known more commonly as Freon. Freon is a refrigerant used in commercial and industrial air-conditioning equipment. Unfortunately, HCFCs contain ozone-destroying chlorine which is not good for the environment. It depletes the ozone layer. In January of 2010 the EPA decided to schedule a phase-out of the production of R-22. This lengthy phase out time allows for consumers to switch their units to the “greener” refrigerants when the time comes to replace your a/c unit.

What is involved in the phase out?

January 1 2010	Ban on the making, import and use of R22, except for continual ser-
January 1, 2015.	Ban on production, import, and use of all HCFCs, except for continu-
January 1, 2020	Ban on remaining production and import of HCFC-22 and HCFC-142b. The servicing of units with R22 will only use recycled or stock

How does this effect homeowners of R22 units?

This means for homeowners that already have a unit that uses R-22, that they can continue to be serviced with R-22. The EPA has not required older units to be “converted”. According to the Clean Air Act, R-22 must be “recovered and recycled (for reuse in the same system), reclaimed (repossessed to the same purity levels as new R-22), or destroyed.” By the year 2020, the servicing of R-22 units should be from recycled refrigerants because the production of R22 will be banned and not available for servicing existing R22 units. The new ozone-friendly replacements will be phased into the HVAC industry. R-410A is one of the “greener” replacements.



This chart overviews the phase out of HCFC rights between 1998 and 2020. Note: Limited HCFC 123 and HCFC 124 service supply will be allowed through year 2030.



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Coming Next Month...

EPAAS Review– How did we do as an Army Installation?

Don't forget to check us out on Facebook...

[Fort Gordon Green Matters.](#)

For all our past issues go to Gordon.army.mil under downloads.



Sources

Lowell Travis, Fort Gordon Energy Manager

<https://www.coolray.com/help-guides/changes-in-r-22-refrigerant-freon-and-how-this-affects-you>

<http://www3.epa.gov/ozone/title6/downloads/Homeowner.pdf>

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