

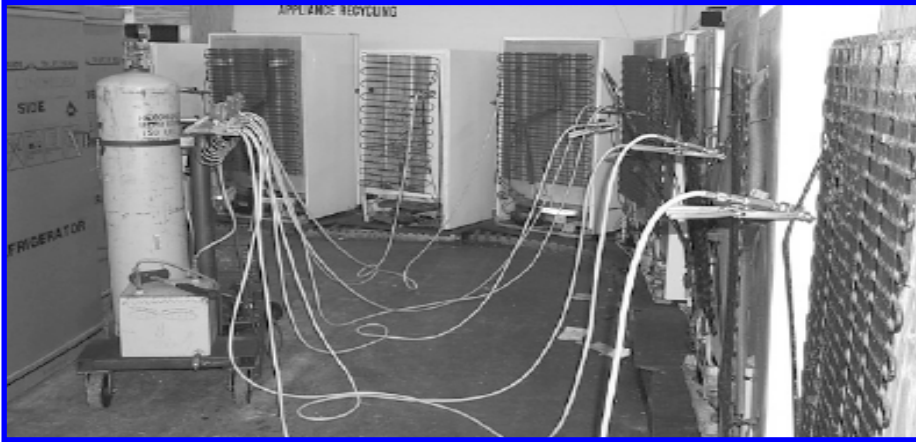
Appliance Demanufacturing NEWS

January, 2007

Issue 1

Chapter 118 updates...

What does it mean to you?



The DNR recently completed a revision of the requirements for appliance demanufacturers contained in Iowa Administrative code 567 chapter 118 "Discarded Appliance Demanufacturing." The revised rules will go into effect on February 7, 2007.

So what do the changes mean to you?

The biggest change for appliance demanufacturers will be the annual reports. The annual reporting requirements for 2007 (due January 31, 2008) will include the total number of each type of appliance demanufactured. You will no longer be allowed to report the total weight of metal shipped. Additionally, you will no longer report the amount of each type of hazardous material shipped for disposal, instead the report will include the number of the following removed from appliances:

- Mercury switches,
- Mercury thermocouples,
- Fluorescent tubes
- Amount of refrigerant
- Number of PCB containing capacitors
- Number of PCB ballasts

It is important that you begin tracking these numbers now.

A sample tracking sheet is enclosed for your convenience.

A number of changes were also made to the capacitor removal requirements in order to better incorporate federal requirements. The area used to store PCB containing items must be inspected every 30 days and documentation of the inspection maintained for a minimum of three years. A certificate of disposal is no longer required for PCB capacitors that are disposed of through a Regional Collection Center (RCC). Instead, a receipt stating the name of the RCC, the name of the appliance demanufacturer, the amount of PCB capacitors and the date the capacitors were received must be kept by the appliance demanufacturer for three years. A list of Regional Collection Centers is located at www.safesmartolutions.org Certificates of disposal will still be required for PCB capacitors disposed of through an EPA approved facility.

Facilities that shred appliances will now be required to test the fluff for the presence of heavy metals and send the results to the department on a quarterly basis.

A copy of the revised rules is enclosed for your reference. Please review it carefully. If you have any questions please feel free to contact Theresa Stiner at (515)281-8646 or Sue Johnson at (515)281-7982

Reminder:

Annual reports for 2006 are due **January 31**. You should have received a report form in the mail. It is also available on our Web site at: www.iowadnr.com/waste/recycling/appliance.html

Financial Assurance

Due to a recent legal challenge, the DNR is revising the Administrative Rules for all sanitary disposal projects, including appliance demanufacturing facilities, to include financial assurance requirements. Financial Assurance is a mechanism for insuring that funds are available to pay for proper disposal of solid or hazardous waste left on site as a result of an unexpected or inadequate closure of a facility. The proposed rule change will require an appliance demanufacturing facility to maintain a surety bond for \$20,000. It is estimated that a \$20,000 bond will cost approximately \$200 a year.

The proposed rule was published in the January 3, 2007 Iowa Administrative Bulletin, which is available at:
www.legis.state.ia.us/Rules/Current/Bulletin/

The DNR is currently accepting public comments on the proposed rule change. Any interested person may make written suggestions or comments pertaining to the proposed rule revisions by March 28, 2006. Such written materials should be directed to Alex Moon, Energy & Waste Management Bureau, Iowa Department of Natural Resources, 502 East 9th Street, Wallace State Office Building, Des Moines, IA 50319-0034; fax (515) 281-8895 or alex.moon@dnr.state.ia.us. Persons wishing to convey their views orally should contact Alex Moon at (515) 281-6807. A public hearing will be held on March 28, 2006 from 10:00 a.m. – 12:00 p.m. in the 5th floor West Conference Room of the Wallace State Office Building, at which time persons may present their views either orally or in writing.

Speeding up the Recovery Process

When recovering refrigerant how can I speed up the recovery process?

1. Always identify the refrigerant you are recovering. This will minimize cross contamination and help you plan for the amount of refrigerant you will be recovering.
2. Remove all restrictions in the hoses. I-hoses with ball valves on the ends are better than hoses that are self-sealing.
3. Use the shortest hoses possible for the job.
4. Always pump liquid out of the system first, and then recover the remaining vapors. This will speed up recovery significantly.
5. With large amounts of refrigerant, use the liquid push-pull recovery method. This is three times faster than recovering liquid directly.
6. If possible, recover from both the high and low side service port on the system you are recovering from. This will speed up your recovery rate.
7. Climatic conditions affect recovery rates. Recovery rates can be adversely affected by either extreme hot or cold temperatures.

Source: Bacharach-inc.com.

Quiz Corner

Question? If I relocate my appliance demanufacturing location, my permit is still good.

Answer: Appliance demanufacturing permits are site specific. If you move locations, please notify the IDNR so we can assist you in permitting your new facility.

If you have any questions regarding your permit or know of appliance demanufacturers operating without a permit, please contact our office.

Hurricane Katrina Appliance Recycling



Photo courtesy of EPA region 7

EPA volunteers helped collect appliances in the Hurricane Katrina effort. More than 490,000 electronic goods and more than 360,000 large appliances were recycled.

We need your Knowledge!

Have an interesting appliance demanufacturing story? For example, what is the strangest thing you have ever found in an appliance, and so forth? Have a good (clean) appliance joke or comic? Would you like to be featured in our newsletter? What would you like to see in the newsletter? Safety issues? compliance issues? Etc. Send your ideas, thoughts and comments to:
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