

Care and Use of Your Small Elect. Appliances

Your toaster, coffee maker, waffle iron and other small appliances are priceless, when it comes to saving you time. Add months, and even years, to the life of your small appliances by using and caring for them properly. Here is how you can do it: **Eight Rules to Make them Last**

1. Guard your appliances against falls.
2. Clean appliances regularly but never put heating elements in water.
3. Overheating shortens life of appliances—guard against it.
4. Connect appliances at convenient outlets. Drop cords or light fixtures do not carry sufficient electricity for most appliances.
5. Keep cords free from kinks and grease.
6. Disconnect an appliance when you are through with it—not later.
7. Pull on the plug, not the cord, when disconnecting an appliance.
8. Follow the directions that come with the appliance. If there are none, ask your dealer or write to the manufacturer.

Guard appliances against falls by making sure that cords are not in anyone's way. Never place an appliance on a window ledge. It is likely to be knocked off when the window is closed. Keep wood or composition handle on appliances fastened tightly.

Store small appliances where you can get them easily. Never use them on the drainboard of your sink. Wet hands, wet terminals or cords, invite injury to yourself—damage to the equipment.

Protect appliances from dust, oil, food acids and other substance which may injure the finish. Be sure to clean them after using. Wipe spilled food immediately, using a dry cloth on hot surfaces. When the equipment has cooled, clean with a soapy cloth, rinse with a cloth wrung out in clear water, then dry with a soft, clean cloth or towel. Do not scratch, scrape or use harsh cleaning powders. Never put the heating elements in water.

Light Bulb Information

Did you ever wonder how a light bulb works? The common incandescent lamp bulb is made up of eight or ten different materials. Inside the glass bulb is the filament which is made of tungsten metal.

Tungsten is used because it has a high melting point and does not vaporize easily. The filament is wound into a coil of small diameter and is supported by two lead-in wires plus three or four special support wires. The two lead-in wires bring the current to the filament. They pass through a sealed joint in the center glass rod. At the point of the seal a special metal alloy is used which expands at the same rate as does glass. This is done in order not to break the seal. The lower end of the lead-in wires are attached, one to the screw base and the other to the center terminal.

The space inside the bulb is usually filled with an inert gas to exclude oxygen so that the filament will not burn. The gas also reduces evaporation of the filament.

When a lamp is screwed into a socket the screw base and the center terminal are connected to the two wires of the electric circuit. When the switch is closed the current flows through the filament. Inasmuch as the filament resists the flow of current it gets hot enough to melt most metals with the exception of tungsten. At this temperature the filament gives off light, which is a condition known as incandescence.

Although the function of a lamp bulb is to give off light, only about ten per cent of the energy it uses is converted into light. The rest is given off as heat. The filament can be made to give off more light by heating it to a higher temperature, but if that is done the filament would soon burn out. The manufacturers have to choose between a higher efficiency or a longer life. The average lamp of today is much more efficient than those we have had in the past and is good for about 1000 hours of service.

In spite of every precaution taken by the manufacturers, the tungsten metal will evaporate slowly at the high temperatures at which it operates. This metal vapor is deposited on the inside of the bulb, giving it a blackened appearance. In time, of course, the filament deteriorates to the point where it breaks. Then the lamp must be replaced.

Reemployment Service To Be Offered GIs

A coordinated plan for guaranteeing the reemployment rights of Oregon veterans, made possible by cooperation of three of the state and federal agencies and county service officers, will go into effect on January 10, according to Howard M. Gray, field representative for the Veterans' Reemployment Rights Division of the United States Department of Labor.

Participating agencies are the state Department of Veterans' reemployment rights division, and the Affairs, the federal reemployment Oregon State Unemployment Compensation Commission, whose 25 local offices will handle initial contacts with veterans.

Seniority rights, inability to get back jobs held prior to entering service, discharges before the end of a year of employment and similar disputes are among the problems faced by returning veterans. Statewide assistance to those eligible for such rights under the selective service act will be available when needed, Gray emphasized.

In the operation of the plan, veterans will need only contact the veterans employment representative of the nearest office of the state Unemployment Compensation Commission. These offices then will refer the complaint, if necessary, to either the county service officer or to the state Department of Veterans' Affairs, except in Multnomah and Clackamas Counties, where the local offices will refer the dispute.

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Bert DeMoss

to Gray's office, located in the Old U. S. Courthouse building in Portland.

County service officers and field representatives for the Department of Veterans' Affairs have been named "committees" to hear complaints. These committees either will work out agreements with employers or will give all needed assistance to Gray's office for further action.

Section 8 of the selective service act guarantees the return of prewar jobs to veterans making application within 90 days of discharge, Gray explained. This section is still in effect and applies to men leaving their jobs today to enlist in the armed forces, as well as to former discharges.

Local News Items

Mrs. Missouri Morgan will hold open house on Thursday, January 8th, from 1:00 p. m. for friends of Sue Benham who is 85 years young on that day.

Mr. and Mrs. Ray Guerretaz returned from San Jose, where they visited Mr. Guerretaz' brother. They also visited friends at Monterey and Carmel.

Mr. and Mrs. Alvin Buchanan returned late last week from the Bay area where they spent a couple of weeks during the holidays. Mrs. Buchanan opened the B. & B. Cafe yesterday.

Mr. and Mrs. W. H. Bomhoff returned Sunday from Grants Pass where they had spent the holidays with relatives. They report the Smith River a raging torrent.

The epidemic of colds which has haunted this area the past couple of weeks seems to be on the decline although the degree is one of debate. Many holiday

functions were partially ruined by illness, the Pilot learns. Mr. and Mrs. Ben Kerns have moved into their new home, former M. E. Nicodemus place. They plan remodeling this year together with completion of a few rooms which never had been completed when the place was originally built.

Gene Gould and Mervin Hacam, students at the University of Oregon, left Sunday by car for Eugene to resume their studies. They had visited their parents over the holidays.

C. R. Adamson, representative of Sonotone hearing aid, will be at the Templar Hotel tomorrow from 10:00 a. m. until late afternoon. His headquarters are Medford.

Oscar Lindsley Was Born In Nebraska

Oscar W. Lindsley, who died here December 29, was born in Nebraska, March 31, 1884, and had been a resident of this community for 11 years. Age 57 years, 8 months and 28 days, he is survived by three brothers: Warren J. of Veronia, Oregon; Bruce E., of Brookings and L. man A. of Portland; two sisters: Mrs. Sarah Austin of Veronia and Mrs. Elma Billings of Washouk, Wash., and one nephew, H. Lindsley of Miles City, Montana.

Following the funeral service at the Baptist Community Church, interment was at Graceland, in the Masonic cemetery.

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