

GUIDANCE ON DISPOSAL OF X-RAY EQUIPMENT

There are a number of ways that x-ray equipment can be disposed of depending on the age of the equipment and whether the equipment is in compliance with the Kansas Radiation Protection Regulations.

The following provides some guidance for disposal of x-ray equipment:

- If the x-ray equipment is in compliance with the Kansas Radiation Protection Regulations, it can be sold, donated or transferred to another person. The person selling, donating or transferring the x-ray equipment is required to notify KDHE, within 30 days of the sale, donation or transfer of the equipment, the recipient's name and address. The recipient is required to register the x-ray equipment.
- If the x-ray equipment is not in compliance with the Kansas Radiation Protection Regulations, the facility should contact a vendor for disposal. The person disposing of the x-ray equipment is required to notify KDHE, within 30 days of the disposal, of the disposition of the equipment.
- If the x-ray equipment was manufactured prior to 1979, it may contain PCBs (polychlorinated biphenyls) in the power supply transformer. Before disposing of this x-ray equipment, they must be tested for PCB content. It is the responsibility of the equipment owner to have this analysis performed before disposal. The concentration of PCBs detected in the analytical results will determine how the unit may be disposed. For further information on disposal of x-ray equipment manufactured prior to 1979, please contact the U.S. Environmental Protection Agency's office at (913) 551-7020, the Kansas Department of Health and Environment's Bureau of Waste Management at (785) 296-1600 or visit their website at http://www.kdheks.gov/waste/p_techguides.html and click on "Disposal Options for X-ray Machines (SW-1998-G3)". The person disposing of the x-ray equipment is required to notify KDHE, within 30 days of the disposal, of the disposition of the equipment.
- If the x-ray equipment is in compliance with the Kansas Radiation Protection Regulations and manufactured after 1979 or if manufactured prior to 1979 there is confirmation that no PCBs are present, the owner can dispose of, scrap or recycle the x-ray equipment, however, the equipment needs to be made inoperable by either dismantling it, removing the x-ray tube, cutting or removing the power cord, etc. so that the unit cannot produce ionizing radiation if powered on. The person disposing, scrapping or recycling the x-ray equipment is required to notify KDHE, within 30 days of the disposal, of the disposition of the equipment.