



Compressed Gas Cylinder Fact Sheet

Environmental Health and Safety (EHS) does **NOT** routinely collect or manage compressed gas cylinders, including lecture bottles, for hazardous waste disposal. Users are required to use proper management techniques or purchase cylinders from companies that accept them for return. Disposal costs for lecture bottles that cannot be returned can vary in price from \$100 to \$1,000 per cylinder.

Purchasing Guidelines: Check to see if there are any surplus lecture bottles amongst your colleagues within the University. If none are available, then purchase your gas in a returnable and/or refillable lecture bottles or cylinder. If none of these options are possible, then you will need to plan for the proper management of the lecture bottle when it is empty or no longer needed.

Gas Cylinder Returns: Contact the manufacturer or vendor of the lecture bottles or cylinders to confirm their policy on returns. Follow the instructions given by the vendor to ship the lecture bottles and/or cylinders. They will be able to provide required shipping information. There are specific requirements for accepting lecture bottles and/or gas cylinders for return so it will be necessary for you to contact them beforehand.

Hazardous Waste Disposal: Any lecture bottles and/or cylinders that are not returnable or cannot be managed on site, will require management as hazardous waste. All lecture bottles that are hazardous must be clearly identified as "hazardous waste" on the label. In addition, the date when the waste container was declared a waste, the physical hazards of the waste, as well as an identification of the chemicals or chemical mixture, must all be put on the label. In addition to the above labeling requirements, the approximate pressure (psi) must also be noted on the label.

Questions: Please contact the Office of Environmental Health and Safety, phone 744-7242 or email ehs@okstate.edu.