

Empty Gas Cylinder Return Procedures

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The following summarizes the different requirements for returning empty and unwanted compressed gas cylinders. Compressed gas cylinders should always be handled as if they were “full” and must be transported in compliance with applicable Department of Transportation (DOT) hazardous materials requirements. This includes proper labels and cylinder caps. Always clearly identify “empty” cylinders with an affixed “EMPTY”, “MT” or “RETURN” tag.

Vendor	Contact	Procedure
Aeris	See contact information for Matheson Gas	See procedure for Matheson Gas
Air Liquide	Shelley Taniguchi Shelley-taniguchi@airliquide.com (800) 323-2212	Air Liquide does not make regular deliveries or pick-ups from LBNL. Call Customer Service to make special arrangements. Identify the number of cylinders, types of gases, and cylinder ID number engraved on the cylinder collar.
Air Products	See contact information for Airgas	See procedure for Airgas
Airco	See contact information for Airgas	See procedure for Airgas
Airgas	Log into E-Buy and click on the “Progressive (Airgas)” merchant link: https://ebuy.lbl.gov Customer Service (800) 336-4004 Neil O’Donnell Progressive Industries nodennell@progressivepii.com (773) 763-9565	Airgas makes infrequent deliveries and pick-ups from LBNL. Gas cylinder returns need to be requested through the Progressive (Airgas) E-Buy website. Once on the Progressive E-Buy page, there is a “return request” button on the right side. If needed, call Customer Service if the request is not being processed.
LBNL- Owned	LBNL Procurement Laura Sanders lsanders@lbl.gov (510) 486-4592	Cylinders are identified with a “LBNL” stencil on the cylinder body. They normally have Airgas labels affixed. Procurement will make arrangements for pick-up and scrapping.
Linde	Theresa Birk Theresa.birk@linde.com (908) 329-9779	Complete and submit a Linde return form. Linde does not pick-up empties directly. They will send Yellow Freight to pick-up. Yellow Freight only knows to go

		to the B69 shipping dock, so call LBNL Transportation (X4388) and arrange to have the cylinders moved there first.
Matheson	Montgomeryville, PN Customer Service Info@mathesongas.com (877) 844-7192 Edward Coughlin- Customer Service Manager	Matheson does not make regular deliveries or pick-ups to LBNL. Identify the number of cylinders, types of gases, and cylinder ID number engraved on the cylinder collar. There is a \$60 minimum charge for cylinder pick-up with additional charges depending on the number of cylinders.
Praxair	Monique Ortiz Customer Service Monique_m_ortiz@praxair.com (925) 431-2263 Steve Scagliotti Steve_scagliotti@praxair.com (925) 431-2297	Praxair makes regular deliveries and pick-ups of gas cylinders at LBNL. Place any "empty" cylinders in the designated empty cylinder rack and they should be picked up automatically within a few days. If cylinders are not getting picked-up as needed, let Customer Service know.
Scott Specialty Gas	See contact information for Air Liquide	See procedure for Air Liquide
Scott-Marrin	Lori Thomas- Sales lori@scottmarrin.com (951) 653-6780	Scott-Marrin does not pick-up empties from LBNL. They need to be shipped directly back through LBNL Transportation (X4388). Transportation will pick-up the cylinders with account number and MSDS. Also see the Scott-Marrin cylinder return guidelines.
Spectra Gas	See contact information for Linde	See procedure for Linde

Lecture Bottle (LB) Size Cylinders

Gas cylinder suppliers no longer take back lecture bottle (LB) sized gas cylinders. These are now considered as "single use" containers and the contents must be disposed as hazardous waste through the LBNL Waste Management Group. Submit a completed Hazardous Waste Disposal Requisition. Pick-up and disposal is available about every 6 months.

Cylinders with Unknown Contents

Contact the LBNL Waste Management Group for assistance. The cylinder contents will need to be sampled and analyzed before disposal requirements can be determined.

Cylinders with Out of Business Vendors

Contact the LBNL Waste Management Group for assistance. The cylinder will need to be properly disposed.

Cylinders with Missing Caps or Labels

Contact the vendor directly and notify them that you need a cap or label for one of their cylinders when picking up. There may be a charge for replacement depending on the vendor, but many vendors have these items on their trucks and are willing to help.