

# Special notes for technicians' reference only

## How to handle Spent Helium or Refrigerant Cylinders

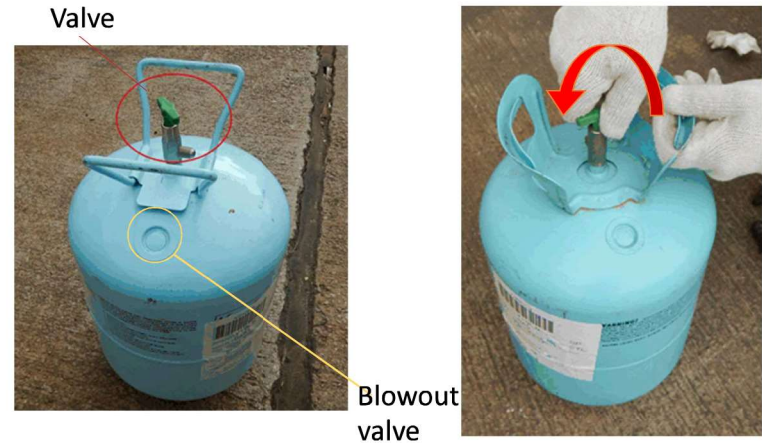
- Properly handle these cylinders before recycling
- Required tools/materials:
  - ✓ Gloves & goggles
  - ✓ Hammer
  - ✓ Flat head screwdriver
  - ✓ Pliers
  - ✓ Marker pen
- This method **DOES NOT** apply to other cylinders, including LPG, flammable nor toxic gases



1

## How to handle Spent Helium or Refrigerant Cylinders

**Step1)** After bringing the cylinder to a well-ventilated area, release any remaining pressure by turning the valve anti-clockwise so that it is fully opened (until no sound is heard from the nozzle).



Blowout valve

2

## How to handle Spent Helium or Refrigerant Cylinders

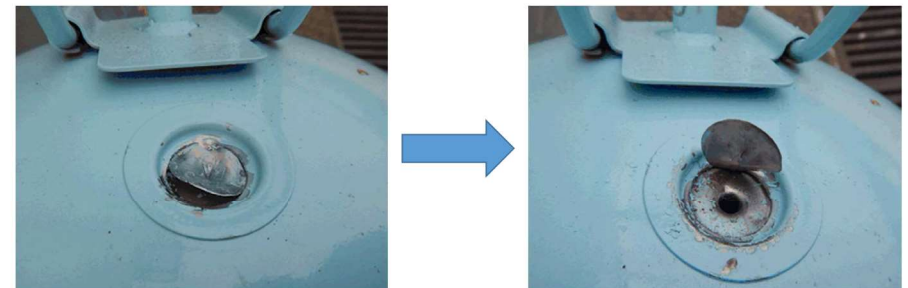
**Step 2)** Wearing Gloves and Goggles, pry open the blowout valve using a flat head screwdriver and a hammer.



Tip: Try tapping the blowout valve with hammer and screwdriver at multiple places around the its edge to pry open the blowout valve more easily.

3

## How to handle Spent Helium or Refrigerant Cylinders



Blowout valve half open

Blowout valve fully open

4

# Special notes for technicians' reference only

## How to handle Spent Helium or Refrigerant Cylinders

**Step 3)** Remove the blowout valve using a pair of pliers



5

## How to handle Spent Helium or Refrigerant Cylinders

**Step 4)** Use a marker to mark clearly on the body of the cylinder that it is emptied (with wordings such as “EMPTY” or “空樽”)



## How to handle Spent Helium or Refrigerant Cylinders

**Step 5)** Pass to a suitable recycler.



7

## How to handle Spent Helium or Refrigerant Cylinders

Example of recyclers:

- 1) Visit Environmental Protection Department's "Hong Kong Waste Reduction Website"
- 2) Select "Location of Collection Points" under "What and Where to Recycle"
- 3) Choose "Others" in the "Material Type" pull down menu
- 4) Use the find function of your browser (Ctrl + F) and look for "Emptied compressed gas cylinders"

Alternatively, visit the link below and continue from step 4)  
[https://www.wastereduction.gov.hk/en/quickaccess/vicinity.htm?collection\\_type=collector&material\\_type=others&district\\_id=0&view=Go](https://www.wastereduction.gov.hk/en/quickaccess/vicinity.htm?collection_type=collector&material_type=others&district_id=0&view=Go)



Disclaimer: The above information is provided to the public as an easy reference. The Environmental Protection Department does not recommend nor endorse any commercial product, process, service and business activities. Every effort has been made to ensure the completeness and accuracy of this list; however, please note that due to the dynamic nature of business activities, information provided is subject to revision.

8