



Indian Institute of Science

## Office of Laboratory Safety & Environmental Health

# Cylinder Transport

## 1 Issue

Safety Committee is very concerned in the way gas cylinders are being transported in and out of IISc by vendors. Unsafe transport is a hazard that increases risk of accident on IISc campus, that can cause loss of life and limb.

Violating vendor are in violation of Institute Safety Policy and liable for action and/or damages. IISc will not allow violating vendors, to enter campus, unless they comply.

## 2 Common bad practices

1. Often the trucks store cylinder horizontally, not vertically.
2. Trucks don't have harnesses to hold cylinder upright.



3. Cylinder lack labels, valve caps, etc.
4. Vendors don't carry trolleys, instead "roll" the cylinders in and out.
5. Incompatible gases are not segregated.

### 3 New Policy

1. All the cylinders that are coming into the institute should be stored vertically using a safety harness.
2. Incompatible gasses must be segregated.
3. All cylinder must have a safety cap + label.
4. All vendors must carry a cylinder trolley to be used at point of use.
5. Vendors must only transport cylinders using a trolley. Security will report any "rolling" of cylinders to OLSEH with date, time, and name of vendor.

