

Compressed Gas Safety

The [Guidelines for Safe Use of Compressed Gas and Liquified Gases](#) has recently been updated.

Compressed gases are used widely across campus in research laboratories and support areas. As they present both physical and health hazards, special use, handling, storage, and transport procedures are necessary to ensure the safety of all who work with and around compressed gases.

Compressed gases are defined as:

- A gas or mixture of gases having, in a container, an absolute pressure exceeding 40 psi at 70 deg. F (21.1 deg. C); or
- A gas or mixture of gases having, in a container, an absolute pressure exceeding 104 psi at 130 deg. F (54.4 deg. C) regardless of the pressure at 70 deg. F (21.1 deg. C); or
- A liquid having a vapor pressure exceeding 40 psi at 100 deg. F (37.8 deg. C) as determined by ASTM D-323-72.

As gas cylinders present a variety of hazards, those who work with or around them should review these guidelines and follow the safe use, handling, and storage guidance in order to minimize the potential for a compressed gas cylinder related incident.



Wear Your PPE...Even in Warm Weather

Summer is often the time of year when laboratory attire requirements are challenging to follow. Please remember that even though it is warm outside, you must still wear the appropriate attire to enter a Yale laboratory.

This includes wearing long pants or clothing to the ankles, a solid top, lab coat, safety glasses, closed toe shoes, and gloves. Shorts, short skirts, sandals and other types of warm-weather clothing are not allowed in laboratories. Consider leaving lab appropriate clothing and shoes in the lab to change into when you arrive and change out of when you leave. Additional information on laboratory attire requirements, which includes the use of PPE, can be found in Yale University's [Selection and Use of Personal Protective Equipment and Attire in Laboratories](#).

Be a Safety Icon



Your eyes, arms, hands, legs
and feet will thank you.