

# Aquionix

Summer Newsletter #1

## Safety Corner

### Compressed Gases

#### - Labeling and Posting -

Containers must be labeled and storage areas prominently posted with the hazard classes or names of the gases being stored. "No Smoking" signs must be posted where flammable and combustible gases are present.

#### - Storage -

Containers must be secured to prevent falling or rolling and never:

- Exposed to extreme temperatures, open flames or direct heat;
- Moved by rolling/dragging; nor
- Lifted using ropes, slings or chains unless the cylinders were specifically manufactured for this purpose.

Valve protection caps must be in place and hand tight except when cylinders are secured or connected for use. Container Valves must be closed whenever the cylinder is not in use, regardless of whether the cylinder is full or empty.

Flammable gases must be stored in well ventilated areas away from open flames, sparks, and other sources of heat or ignition. Flammable gases must also be stored at least 20 feet from (or separated by 1/2 hour rated noncombustible barrier extending at least 18" above and to the sides of) flammable liquids, highly combustible materials and oxidizers. Additionally, a portable fire extinguisher or suppression system must be readily available.

#### - Acetylene-

Because acetylene bottles contain a liquid phase, the pressure within the bottle is very sensitive to changes in temperature. As a result, acetylene bottles should never be stored at temperatures exceeding 125 °F and never used at temperatures above 120 °F. Acetylene bottles must also be stored with valve end up to prevent the release of liquid. Acetylene shall not be used at a pressure exceeding 15 psig.

### Used Oil

The Used Oil Rules provide a cost-effective method for the management of engine oil, transmission fluid, hydraulic oil, metalworking oil, heat transfer oil, and a variety of other oils that have been refined from crude oil, coal, shale or polymer-based starting materials.

#### Mixing

Never mix used oil with any other types of products or wastes, with the exception of fuel, as the resulting mixture may lose its ability to be managed under the Used Oil Rules.

#### Storage

Used oil must be stored in non-leaking tanks or containers that are: In good condition; Located in areas which are unlikely to be damaged or knocked over; and Are adequately separated to allow inspections for leaks or damage.

#### Labeling

Used oil tanks, containers, and associated piping must be clearly labeled with the words "Used Oil." Note that containers include drip pans and buckets used to collect used oil.

#### Transportation

You may self-transport up to 55-gallons of your own used oil to a recognized Used Oil Collection Center or your own collection point. The vehicle used must be owned by your company or one of its employees. Otherwise, your used oil must be transported by a Used Oil Transporter who has an active EPA ID Number.

#### Recordkeeping

It is strongly recommended, but not required, that you maintain copies of used oil shipment and disposal records.

### Did You Know...

**In the United States less than 50% of used oil is recycled!**