

METROPOLITAN NY CHAPTER Refrigeration Service Engineers Society

Continuing Education for the HVAC/R Industry

“Better Service Through Knowledge”

December 2017

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Safety First !

Air-Acetylene Equipment

Follow these safety precautions when working with air-acetylene equipment:

- Keep a fire extinguisher handy.
- Wear safety glasses and goggles.
- Keep cylinders away from heat, sparks or open flames.
- Always stand to one side when adjusting the regulator. A defective regulator can blow out and cause injury.
- Never adjust the regulator above 15 psig. Acetylene becomes unstable at excessive pressures.
- Store and transport cylinders in an upright cart or in a secured upright position.
- Do not open the valve on an tank more than 1-1/2 turns.



potentially cause injury.

When cutting the component out of the system, do so at an easily accessible location. Once the component is removed from the system, transfer the remaining stubs from the old component to the new component and then braze or solder the complete assembly back into the system.

Fire Extinguishers

When brazing or soldering refrigeration tubing, it is wise to keep a fire extinguisher within a reachable distance. This is especially true when working in a confined area or an oily location.



A small portable fire extinguisher is normally ideal for most repairs. Be sure to inspect the fire extinguisher to make sure it is still okay to use. Having a non-working fire extinguisher is like having no fire extinguisher at all.

Brazing and Soldering Fumes

Brazing and soldering alloys and fluxes may produce fumes which are hazardous to your health.

Keep these safety tips in mind:

- Keep your head away from the fumes.
- Provide adequate ventilation to keep fumes and gases from your breathing zone and the general area.
- Always wear correct eye, ear and body protection.



Even though extinguishers come in a number of shapes and sizes, they all operate in a similar manner. Here's an easy acronym for use:

P A S S -- Pull, Aim, Squeeze and Sweep

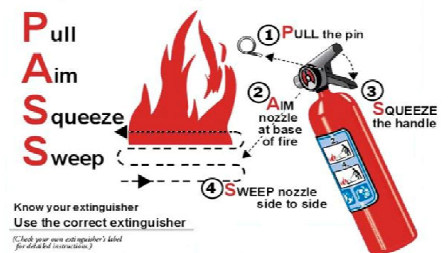
Pull the pin at the top of the extinguisher that keeps the handle from being accidentally pressed.

Aim the nozzle toward the base of the fire.

Squeeze the handle to discharge the extinguisher and stand approximately 8 feet away from the fire. If you release the handle, the discharge will stop.

Sweep the nozzle back and forth at the base of the fire.

To operate an extinguisher:



Brazed/Soldered Components

When replacing system components that are brazed or soldered in a system, it is normally safer to cut out the original component rather than unbraze or unsolder it from the system.

The reason for this recommendation is that oil may be present inside the joint of the component that is being removed. Heating the joint can cause the oil to ignite, and



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COMING TOPICS

*Refrigerants, Identifying Burnouts,
Proper Clean-up Procedures*

Low Temperature Hydronic Heating

Torch Safety

COMPRESSORS –
The Latest from Copeland

(to be rescheduled)

If you have any suggestions or requests for Future programs,
please let us know!

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For Information Call: Stan Hollander, CMS (718) 232-6679

Annual Holiday Dinner (December Meeting)

Starting at 6:00pm

Join us for our Holiday Buffet. Bring nothing but yourselves and your appetites. Riccardo's puts out a great table for us to enjoy. Did I say "bring nothing but"? You can certainly bring a friend or colleague. They can enjoy a fine meal with us, and then partake of the educational opportunities which we have to offer, as well as our friendship and camaraderie. Who knows? They may even want to become a part of this great organization of ours.

The Officers of The Metropolitan NY Chapter RSES wish all our members, friends & their families
a very

*****Happy, Healthy, and Safe Holiday & Holiday Season*****

**In the unlikely event of meeting cancellations,
announcement will be posted on our web site**

HOLIDAY BUFFET— 6:00 pm

Wednesday December 13th, 2017 at 6:00pm

at

**RICCARDO'S
21-01 24th Avenue, Astoria NY 11102**

Refrigerants, Identifying Burnouts, Proper Clean-up Procedures

by

Jim Cunningham—Nu-Calgon

PRESIDENT'S MESSAGE

As we approach the end of the year I would like to thank the people who make this chapter successful.

Stan Hollander CMS has been able to get us interesting and informative speakers for our meetings and seminars as well as represent us at International & Regional meetings. He, along with Herb Meyer, have produced our monthly meeting notices that not only announces the meeting but contains helpful and sometimes humorous articles. Rich Bruno has been assisting Stan in getting speakers for our meeting. Steve Aiello, our treasurer, has paid our bills and coordinated with our chapter accountant. Nito Mehra maintains our web site, as well as submits our minutes to International. Kurt Eggert and John Plaut have helped at seminars and meetings. Finally, all our Board members have contributed their time, ideas and suggestions at our monthly board meeting.

I would also like to thank you, the members who attend our monthly meeting. Our speakers volunteer their time and expertise at our meetings and appreciate you being there to participate and learn.