

SAFETY WARNINGS AND PROCEDURES

IMPORTANT! Read and understand safety warnings before operating this equipment.

1. Do not operate the compressor, condenser fans or air units with safety guards removed.
2. Monitor compressor discharge and lubricating oil temperatures and pressures. Maintain within manufactures prescribed settings.
3. Avoid standing on piping and eliminate excessive piping vibration immediately.
4. Never valve off lines filled with liquid refrigerant, unless protected with properly sized relief valve.
5. Use a buddy system when making repairs to the refrigeration system.
6. Develop an emergency procedures plan and arrange for rehearsals for training of personnel in this plan.
7. Make sure fire extinguishers are operational with sufficient numbers available at the job site.

RECOMMENDED PROTECTIVE EQUIPMENT:

- a) One full face mask with anhydrous ammonia refill canister. Ammonia canister is effective for short periods with light concentrations of ammonia vapor. If ammonia vapors are detected when mask is applied the concentration is too high for safety.
- b) One pair of protective gloves.
- c) One pair of protective boots.
- d) One protective rubber slicker and or protective rubber pants and jacket.
- e) One pair of tight fitting goggles or one full-face shield.
- f) An easily accessible shower and or 50 gallons of clean water with a dip bucket.
- g) One bottle of boric acid with eye cup.
- h) One bottle of vinegar.

Anhydrous ammonia (R717) is not a cumulative poison. It has a distinctive odor even at low concentrations is detectable. Anhydrous ammonia (R717) is self alarming. No, person will voluntarily remain in concentrations which are hazardous to their health. Anhydrous ammonia (R717) gas is lighter than air with adequate ventilation is the recommended means of preventing an accumulation.

MFACS recommendations (Show extreme Caution and Use common sense) when working around our equipment.

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Signature _____ Date _____

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FIRST AID

GASSING ACCIDENT

- 1) Remove affected personnel into fresh air immediately.
- 2) Call 911 and summon a doctor immediately.
- 3) Remove clothing if splashed with liquid or impregnated with concentrated vapor.
- 4) Keep the affected patient quiet and wrapped with a blanket.
- 5) If the patient is conscious and their mouth is not affected or burned, refresh with hot liquid tea or coffee.
- 6) With doctors authorities administer oxygen.
- 7) If breathing fails apply artificial respiration.

LIQUID SPLASHES OR CONCENTRATED VAPOR

- 1) Irrigate eyes immediately with a solution of 2 ½ % each of borax and boric acid in distilled water and continue for at least 30 minutes.
- 2) Summon a doctor.

SKIN BURNS FROM LIQUID SPLASHES OR CONCENTRATED VAPOR

- 1) Wash immediately with large quantities of fresh water and continue for 15 minutes removing all affected clothing while washing.
- 2) Summon a doctor.
- 3) After washing, apply wet compresses with a solution of 2 ½ % of borax and boric acid in distilled water to the effected areas until medical advice is available.

DESCRIPTION OF THE EQUIPMENT

MFACS forced air cooling systems are electrically powered with reciprocating compressors which draws expanded gas off of the evaporative coil. This expanding gas cools the metal coil in turn cools the surrounding water.

I have read and understand and have access to a copy of the above safety procedures.

Signature _____ Date _____