



GENERAL POOL SAFETY

DOH/Water Recreation Program

Overview

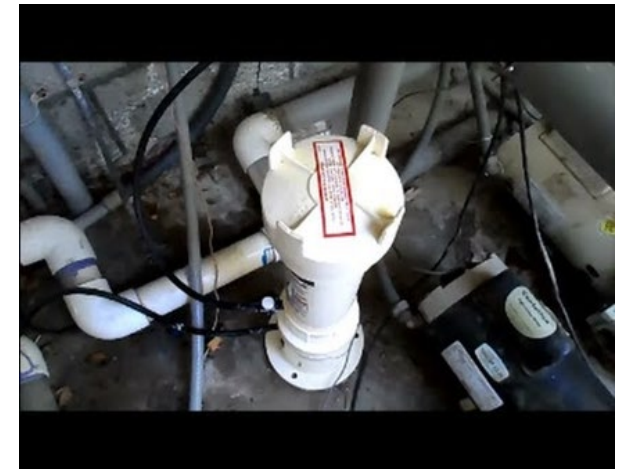
- Pressurized Equipment
- Chemical Safety
- Chemical Storage
- Health Effects

Pressurized Equipment Dangers

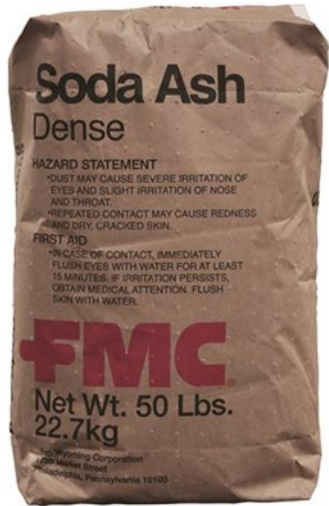
- All equipment after the pump operates under pressure.
- Wear PPE as recommended
- Bonding Wire on a pump motor
- What should I do before adjusting any equipment?



Routine Maintenance With Pressured Equipment



Commonly Used Pool Chemicals



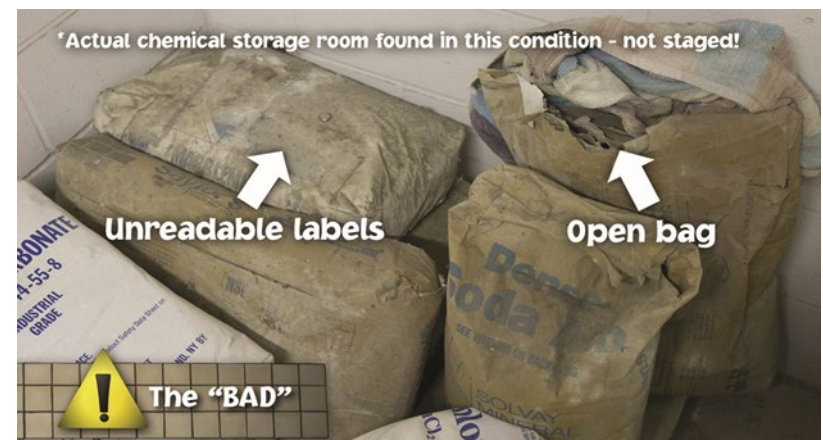
Chemical Storage Room

- Read and understand the product label for each pool chemical used
- Restrict access to equipment and chemical storage rooms/areas
- Ventilation needed
- Rooms and areas shall be out of direct sunlight, dry and cool
- Sized sufficiently to store all needed pool chemicals



Chemical Storage

- Available and easily accessible PPE
- Don't store chemicals on floor
- No storing liquid chemicals above dry chemicals
- Use a different scoop, bucket, & dispensing equipment for each pool chemical
- Don't eat or drink in the equipment/chemical storage room(s)



Safety Tips When Handling Chemicals

- Remove swimmers from the pool/spa before adding any chemicals
- Follow the product label for each pool chemical used
- Wear PPE as recommended by chemical manufacturer
- Make sure you have the current measuring utensil
- Use a different scoop, bucket, & dispensing equipment for each pool chemical
- Wind direction – avoid breathing dust or fume

DO NOT ADD WATER TO DRY POOL CHEMICALS

Potential Health Effects of Pool Chemicals

1. Chlorine (skin contact, inhalation, ingestion)
 - Gas vs Liquid exposure
 - Blurred vision
 - Chest tightness
 - Coughing
 - Difficulty breathing or shortness of breath
2. Acid (inhalation of vapors)
 - Acute – burns, pulmonary edema, coughing, irritation of the respiratory tract
 - Long term skin contact: pain, burns, skin irritation
3. Soda Ash
 - Irritation of the eyes, throat and nose mucous membranes.
 - Mild irritation of the skin

Questions?



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