**Anhydrous Ammonia E-Blast**

**TOPIC:** Where 350-400 psi/NH3 Rated Hydrostatic Relief Valves (Hydrostats) Are Required To Protect PERMANENTLY Assigned/Attached Hosing/Lines Between Shut-Off Valves:

1. **Single nurse tank unit with single hose/line:**
   - In the nurse tank withdrawal valve (photo below).

   ![Hydrostat Protecting Permanently Assigned/Attached Withdrawal Hose](image)

2. **Dual nurse tank unit:**
   - *Single hose/line:* In nurse tank withdrawal valve.
   - *Merged hoses/lines:* In one nurse tank withdrawal valve provided that the only other shut-off valve is located at the opposite end/hose connection point.
   - *Crossover hose/line:* In nurse tank liquid fill, vapor, or between other pairs of shut-off valves.

3. **Application/Toolbar Unit:**
   - The area that includes the withdrawal hose to the discharge side (female side) of the break-away coupling device.

4. **Any other locations:**
   - Permanently attached/assigned hose/line in which liquid ammonia can be isolated between shut-off valves.

Though not required, a hydrostat installed in nurse tank withdrawal valve and connections provides an added layer of protection for TEMPORARY assigned/attached hosing/lines.

**Questions?** Contact area NH3 Inspector or St. Paul Office

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Counties</th>
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<tbody>
<tr>
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<td>Brown, Cottonwood, Faribault, Jackson, Lac Qui Parle, Lincoln, Lyon, Martin, Murray, Nobles, Pipestone, Redwood, Rock Watonwan, Yellow Medicine.</td>
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