

## Procedure 4000: General Hydrostatic Testing Information

effective 02/08

### **Caution!**

- If the assembly requires both hydrostatic and electrical continuity testing, perform the electrical continuity test first.

### **Information required to perform Hydrostatic Testing:**

- 1. Testing procedure:
  - a) Based on the type of hose, use the appropriate RMA (Rubber Manufacturers Association) Hose Technical Bulletin. Visit [www.rma.org](http://www.rma.org) for the latest revision.
    - IP-11-1 Guide for Use, Maintenance, Testing, and Inspection of Steam Hose
    - IP-11-2 Manual for Use, Maintenance, Testing, and Inspection of Anhydrous Ammonia Hose
    - IP-11-4 Manual for Maintenance, Testing, and Inspection of Oil Suction and Discharge Hose
    - IP-11-5 Guide for Use, Maintenance, and Inspection of Welding Hose
    - IP-11-7 Manual for Maintenance, Testing, and Inspection of Chemical Hose
    - IP-11-8 Manual for Maintenance, Testing, and Inspection of Petroleum Service Station Gasoline Dispensing Hose and Hose Assemblies
  - b) If none of the above applies, consult the hose manufacturer.
- 2. Test pressure: Use the stated test pressure or the stated multiplier (i.e. 1.5, 2) for the assembly working pressure from the appropriate RMA procedure. Assembly working pressure is the *lesser* pressure rating of either the hose or the couplings.
- 3. The length of time the test pressure is to be held is stated in the RMA Test Procedure.
- 4. If no hydrostatic test procedure or hose manufacturer hydrostatic testing information exists for the hose to be tested, test to 150% (1.5 times) the assembly working pressure and hold that pressure for 15 minutes.

**SAFETY WARNING!** Before conducting any pressure tests on hose, provisions must be made to ensure the safety of the personnel performing the tests and to prevent any possible damage to property. Only trained personnel using proper tools and procedures should conduct any pressure tests.



For additional *safety precautions*, contact the hose manufacturer.