

## **B-620 TESTING**

### **Twin Valley Co-op Ltd. is your CSA B-620 Testing Centre**

As a Transport Canada Accredited test facility we can perform annual or 5 year inspections on your Anhydrous Ammonia or Fuel Delivery units.

Our experienced personnel can provide you with the following you services:

- Annual Visual and Leakage tests
- 5 Year Internal Inspection and Pressure Tests
- Hose Pressure Testing
- Pump Repair

Delivery and pickup of vehicles can be arranged to help you manage your operations!

Annual Visual and Leakage testing can be done on your site!

### **TC 331, 51 Testing Procedures Included in Standard Pricing**

#### **B-620 - Twin Delivery Units**

- Removing pressure relief valves and hydro relief valves.
- Visual inspection of vessel welds, shell, heads, attachments, hold down bolts and mountings plumbing, gauges, hoses, bumper protection and rollover protection.
- Visual inspection of baffle integrity.
- Adjust internal safety control (ISC) valve cables and emergency shut-off.
- Fill vessel to 90% with H<sub>2</sub>O, pressure to maximum allowable working pressure as stamped on date plate, test all excess flow, ISC and check valves for proper operation.
- Fill vessel to 100% with H<sub>2</sub>O, pressure to 150% maximum allowable working pressure (MAP), checking for bulges, leaks at welds, leaks on plumbing and hose connections.
- Drain water and air test vessel and attached plumbing for leaks with indicator solution.
- Install pressure relief valves (PRV), and hydrostatic relief valves.
- Attach decal (eg. VHP NQT 3-06) and complete Transport Canada document (TC).

#### **B-620 - Vessels with Manholes**

- As above under B-620-Twin.
- Internal visual inspection.
- Buffing welds to prepare for Magnetic Partical Inspection (MPI)
- Helper for Magnetic Particle Inspector.

#### **Extra for B-620 and B-620-Twin**

- All parts.
- All repairs - (fix leaks, valve repairs, replumbing, welding, meter, pump repairs, etc.)
- Decommissioning and commissioning of tanks with NH<sub>3</sub>
- Removal and installation of hoses.
- Weld repairs and rollover protection.
- Washing interior of vessel when covered in oil or not allowing MPI to be performed.
- Eg: Steam clean or wash with Varsol.
- Magnetic Particle Testing (MPI)