



B620-03

INSPECTIONS & TESTING

NATIONAL ENERGY EQUIPMENT, with 12 locations across Canada, has been providing equipment, service and solutions to the petroleum industry for more than 50 years. NEE has Highway, Portable and Intermodal Tank Facilities Registered with Transport Canada in accordance with CSA standard B620-03.



PETROLEUM

Annual Visual/Leak Test Inspection Procedure

- Verify tank data plate for proper information
- Inspect tank shell, weld seams, front and rear heads, bolsters, tank frame rails, tank cross members, for dents, gouges and distortions
- Check hold downs for cracks broken or loose bolts
- Check side boxes for cracks or loose bolts
- Check bulkhead drain holes for plugs
- Check piping, valves, manifolds, pump & meter system for signs of leakage
- Visually check crossmembers under upper coupler plate (trailer) for cracks
- Check hatch covers and adjustment
- Inspect posi vents
- Inspect delivery hose condition and pressure test as required
- Inspect hose reel for leaks
- Check operation of emergency valves
- Check vapor recovery vent hoods, mounting devices and fasteners
- Pressure test compartments, manifold and piping

Five-Year Internal Inspection Procedure

Annual inspection protocol PLUS:

- Unit steaming for a visual inspection inside
- Check baffles, bulkheads for cracks and distortion
- Inspect sumps and valve seats



PROPANE

Annual Visual/Leak Test Inspection Procedure

- Verify tank data plate for proper information
- Inspect tank for dents, gouges and distortions
- Soap test all fittings and valves
- Visually inspect hoses and valves for proper markings
- Check that liquid and vapor outlets and inlets are properly marked
- Check that relief valves have a cover
- Inspect delivery hose & hose reel, pressure test deliver hose as required
- Check operation of safety devices
- Check operation of off-truck emergency shutdown system if equipped

Hydrostatic Five-year Inspection Procedure

Annual inspection protocol PLUS:

- Steam tank, or fill with water and pressure test barrel
- Replace relief valve
- Internal inspection of tank
- Clean and wipe down inside of tank
- Replace manhole cover gasket
- Check operation of emergency valves
- Check hoses and valves for wear and proper markings
- Have unit purged and product loaded (approx. 5% - 10%) return to shop and soap test all fittings and connections
- Check operation of off-truck emergency shutdown system