



Time Fill Hose Energy Control Procedure (ECP)

| General Information | | | |
|--|-------------------------------------|---|--|
| Location | | Asset Number(s)/ Equipment ID(s) | Time Fill Hose |
| Manufacturer or Equipment Name | Time Fill Hose | | |
| Hazardous Energy Identification | | | |
| <input type="checkbox"/> Chemical | <input type="checkbox"/> Electrical | <input type="checkbox"/> Gravitational potential | <input type="checkbox"/> Hydraulic potential |
| <input type="checkbox"/> Kinetic | <input type="checkbox"/> Mechanical | <input checked="" type="checkbox"/> Pneumatic potential | <input type="checkbox"/> Radiation |
| | | | <input type="checkbox"/> Thermal |
| Personal Protective Equipment Required (Beyond Basic PPE) | | | |
| Hard Hat, Gloves, Eye Protection, Hearing Protection, Safety Toe Boots, and High Vis Vest. | | | |
| ONLY TRAINED AND AUTHORIZED PERSONNEL SHALL CONDUCT LOCKOUT/TAGOUT. | | | |
| Shutdown Overview (Isolation Overview) | | | |
| <p>The ECP for depressurizing and repressurizing time-fill hoses provides a structured process to safely isolate, release pressure, service, and restore CNG fueling equipment. It begins with notifying personnel, securing the area, and wearing required PPE. The procedure includes closing supply valves, venting residual gas, verifying zero energy state, and applying lockout/tagout. After servicing, re-pressurization is done gradually by reopening valves and monitoring pressure, followed by leak checks and system integrity verification. Finally, all steps are documented to ensure compliance and operational safety.</p> | | | |

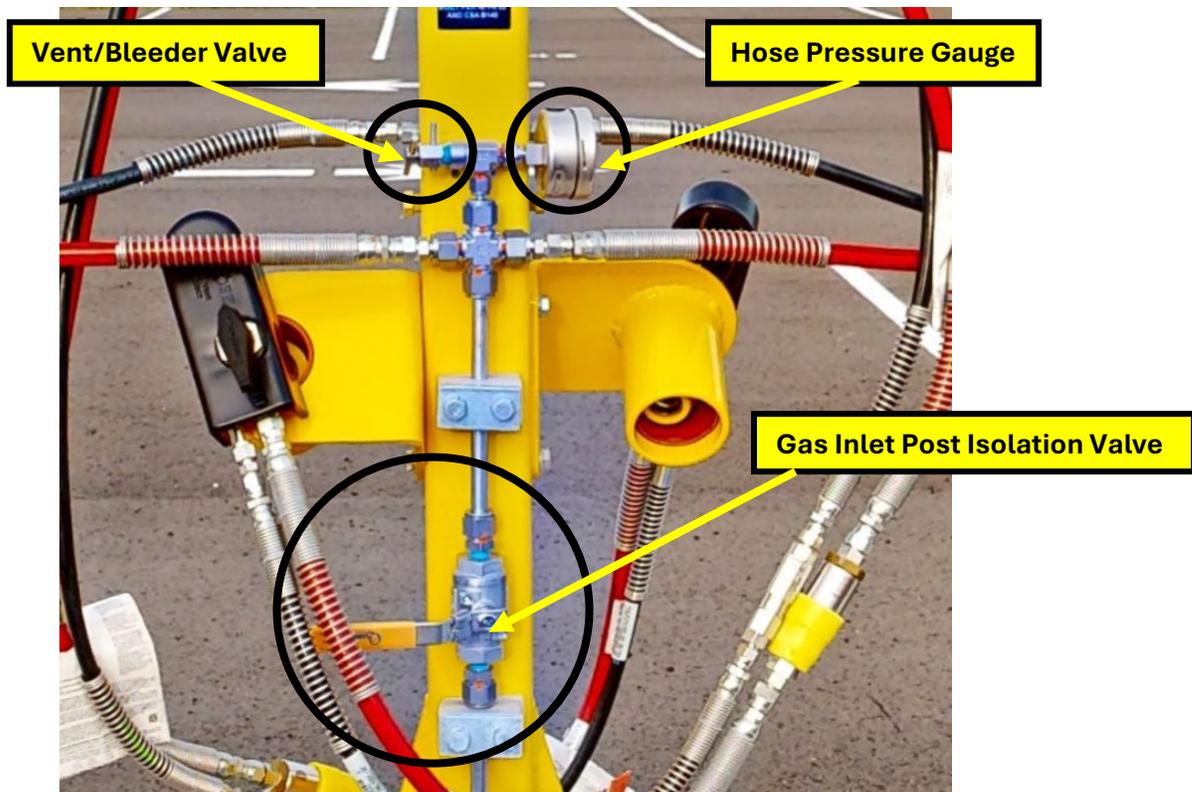
Depressurization and De-energization ECP for Service Instructions

1. Preparation & Notification

- Always Contact Chevron Call Center (**877-872-3966**) before starting work and when finishing work.
- Notify all affected personnel of the intended work and energy isolation.
- Review the system's operating status and ensure all maintenance is scheduled during safe conditions.
- Gather required PPE and verify all tools and LOTO devices are available.
- Complete Chevron Start Work Check.
- Vehicle engines are off.
- Barriers and warning signs are in place.
- A **Class 20-B:C fire extinguisher** is available.
- Complete Chevron Start Work Check

2. Depressurization

- 2.1 **Close Time Fill Post Isolation Valves** on the CNG supply line feeding the time-fill hose that is being serviced.
- 2.2 **Apply LOTO** to the Time Fill Post Isolation Valve.
- 2.3 **Open vent/Bleeder valve** slowly to release trapped gas to atmosphere in a controlled manner. Be sure to note the direction of the vent tube to avoid being in the path of the gas release.
- 2.4 Monitor pressure gauges until they read **zero PSI**.



3. Verification

- 3.1 Confirm all pressure gauges read **zero** PSIG.
- 3.2 Contact colleague / supervisor to inform energy isolation controls are in place and functioning and document their verification (in person or video). Required name of verifier and phone number.

4. Servicing

- 4.1 Perform required maintenance or hose replacement.
- 4.2 Inspect hose, seals, fittings, and valves for wear or damage.
- 4.3 Apply Loctite to the Fill Valve Nozzle and Nozzle Adapter *When applicable (During Nozzle or adapter service or repairs).
- 4.4 Torque Nozzle and Adapter to Manufacturers Specifications. *When applicable (During Nozzle or adapter service or repairs).
- 4.5 Apply Paint marker ALL hose fittings to ensure alignment.

Re-energization (After Service)

5. Re-pressurization

- 5.1 Verify that all fittings are tight.
- 5.2 Remove LOTO devices
- 5.3 Contact supervisor to verify it is safe to re-pressurize the equipment.
- 5.4 Notify any affected personnel of the re-pressurization.
- 5.5 Close vent valves.
- 5.6 **Slowly open inlet valves** to allow gradual pressurization.
- 5.7 Monitor gauges for normal operating pressure.
- 5.8 Perform leak checks using approved method (e.g., soap solution or electronic methane detector).
- 5.9 Confirm system integrity before returning to service.

6. Documentation

- 6.1 Contact Chevron Call Center (**877-872-3966**) to notify personnel on the status of work on-site before leaving.
- 6.2 Record isolation and restoration steps in on the work order.
- 6.3 Note any anomalies or corrective actions taken.

| Version History and Approvals | | | |
|-------------------------------|----------|--|--|
| Version | Date: | Name and Position: | Status: (Created/Approved/Annual Review*) |
| 1.0 | 10/1/25 | Harlan Brodie (Reliability Engineer) | Created |
| 1.0 | 11/21/25 | Brent Tesla (Renewables Project Manager) | Approved |
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