

**Nevada Petroleum Fund**  
**Grant Program for Underground Storage Tank (UST) System Upgrades**  
**Equipment Cost Schedule and Limitations**

In accordance with NAC 445C.350(3), the Board to Review Claims has approved the below cost schedule to be applied to UST equipment purchased with grant funding for upgrades approved by the Division of Environmental Protection (Division). NAC 445C.200 defines an “upgrade” as the purchase and installation of spill buckets, containment sumps, and any other equipment approved by the Division that is subject to periodic testing and may require replacement to prevent a release to the environment. Below is a list of approved UST upgrade equipment eligible for purchase and installation using a Petroleum Fund grant described in NAC 445C.320.

UST Upgrade Equipment*	Maximum Allowed
<b>Spill Prevention:</b>	
Single-Wall Spill Bucket	\$1,200
Double-Wall Spill Bucket or Field Replaceable Spill Bucket**	\$1,800
<b>Overfill Prevention:</b>	
Automatic Shut Off Device for UST Fill Pipe (e.g., Flapper Valve)	\$1,500
<b>Containment Sumps***:</b>	
Submersible Turbine Pump (STP) Sump	\$3,500
Under Dispenser Containment (UDC) Sump	\$2,500
Piping Transition Sump	\$3,000

\* All UST upgrade equipment purchased and installed using grant funding must be capable of periodic testing in accordance with 40 CFR 280.35.

\*\* Double-wall spill buckets must be equipped with an interstitial monitoring device. Field replaceable spill buckets include those that can be replaced in the field without breaking concrete or excavation.

\*\*\* Containment sumps exceeding the table maximum may be approved by the Division and must be of double-walled construction with interstitial monitoring. Over-sized single-wall sumps (e.g., some transition sumps) must be approved by the Board to Review Claims.

In addition to the equipment listed in the above table, the Division will consider, on a case-by-case basis, the purchase and installation of the following UST system components that may also be subject to periodic testing requirements, with limitations:

- **Alternative Overfill Device** - Automatic tank gauge (ATG) monitoring console with an external overfill alarm that can be seen and heard by a fuel delivery driver at the location he/she is filling the UST(s). The ATG purchase and installation must include inventory probes capable of detecting fuel levels in the tank that will trigger an alarm prior to the tank overflowing in accordance with 40 CFR 280.20(1)(c)(ii)(B).
- **Double-wall product piping** – Will only be considered when the containment sumps are replaced at both ends of the piping run and the entire run of piping is replaced and monitored interstitially (40 CFR 280.20).
- **Replacement of containment sump penetration boots** (e.g., piping or electrical penetration locations) – When sump replacement is not possible (e.g., long lead-time for sump orders, site restrictions, etc.), the Fund will consider paying for replacement of sump penetration boots to allow periodic testing of the containment sump. The operator should consider replacement of all penetration boots within the sump, and the replaced penetration boots must meet the following requirements:
  - They must be warrantied by the manufacturer for at least 3 years from installation (periodic testing interval for containment sumps) and installed by a technician certified by the manufacturer.
  - Materials and sealants required to install the boots must be UL listed for use with petroleum fuels.
  - Replacement sump penetration boots must be approved for use by the implementing agency’s UST program.

- The sumps must pass periodic testing in accordance with the Petroleum Equipment Institute's Recommended Practice (RP) 1200 (or equivalent) following installation of the penetration boots. Failed tests and following repairs will not be paid for by the UST upgrade grant.

The above cost schedule is specific to the price of the equipment itself and does not include applicable tax, freight, and shipping costs. Additionally, ancillary components and materials required for the proper installation of the above equipment and applicable labor, excavation, old equipment disposal, site restoration, and post-installation testing costs are not included in the above maximum values. **These additional costs, however, are eligible for grant funding and will be paid in accordance with the Division approved cost estimate provided by a Division-certified handler of underground storage tanks (NAC 445C.340(1)(d)).**

The total grant award allowed for a single site is \$90,000. Any costs exceeding this amount shall be paid by the operator. Grant funding will be prioritized for purchase and installation of equipment listed in the table above, and alternative overfill devices, double-walled product piping, or replacement containment sump penetration boots will be funded secondary to the listed UST upgrade equipment. Vent ball-float valves used for tank overfill prevention are not eligible under this program grant.