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Manufacturer's Suggested Annual Maintenance Protocol For the Solar Gauge by Greenleaf Gauge

The EFG-8000 series of liquid level gauges operate as a very simple gauging device with level alarm options that require almost no maintenance. Measuring the current liquid level in the tank and comparing the gauge reading to the charted amount can confirm normal gauge accuracy. The comparison between the gauge readout and the charted amount should differ no more than 2%.

The High and Low liquid level alarms are user set points in the gauge programming as a percent of the total tank capacity. Access to these alarm values may be reviewed by stepping through the setup program as detailed in the owners' manual*. The Low-level alarm may be set to "off" at a zero value or any value 5% under the High-level alarm value. The High-level alarm cannot be turned off and may not exceed 95% of tank capacity. We strongly recommend against setting the High-level alarm any higher than 90% in normal conditions.

Although this is not the preferred method, High Level alarms may be observed during filling as the liquid level reaches the set percentage of fill. The preferred method of a High level alarm activation, provided the tank level is above 50%, is to go into the setup program and adjust the High level alarm to just below the actual displayed level. This will trigger a High-level alarm. The last option is to temporarily unscrew the transducer** just up off the mounting nipple on top of the tank and very gently and slowly pull up on the beaded chain. This will simulate an actual High-level tank condition and activate the High-level alarm. Return the Transducer to the original position and secure all wire fittings.

*Owners' manuals are always available on the web at www.solargauge.com

**A EFG-TXD2- # (# is the size, i.e. A) transducer is available that provides a test port to pull on the probe without removing the transducer body from the tank nipple.