



Periodic Check List for Red Jacket ST series 1400, 1401, 1401L, 1800, 1801 and 1801L units

The following terms are used throughout this document to bring attention to the presence of hazards of various risk levels, or to important information concerning use of the product

DANGER!!	Indicates the presence of a hazard that will cause severe personal injury, death, or substantial property damage if ignored .	Caution	Indicates the presence of a hazard that will or can cause minor personal injury or property damage if ignored .
WARNING!	Indicates the presence of a hazard that can cause severe personal injury, death, or substantial property damage if ignored .	Notice	Indicates special instructions on installation, operation, or maintenance that are important but not related to personal injury hazards.



Only qualified personnel should perform the checks below. Service Providers must be authorized to repair and test Red Jacket equipment. Refer any questions to 1-888-262-7539.

Proactive owner/operators can perform a system check and determine if the unit is fully functional. This checklist gives detailed instructions as to various items in a given system that may be tested to determine functionality and provide secondary assurance that the Red Jacket units are functioning correctly.

Remember this “Suggested Periodic Check List” is intended to be an optional testing procedure to be performed **in addition to** “Annual Records Keeping function” and **not to replace** “Annual Records Keeping function”.

Suggested Periodic Check List for ST units

Sub-System	When to perform	Actions
ST Console	Yearly	<p style="text-align: center;">Owner or Attendant</p> <ol style="list-style-type: none"> 1) From the “Select Display” menu, press the “8” Key. Display will read, “Checking alarm, please wait”. Audible alarm will sound for five (5) seconds. 2) ST Console will display either, “System status OK”, or “System status ER”. 3) If display reads “System status ER”, press the “P” key to print the status report. Save report. 4) Contact Authorized Service Provider if any system is in error.



Suggested Periodic Check List for ST units

Sub-System	When to perform	Actions
Ultrasonic Inventory Probe	Yearly	<p style="text-align: center;">Owner or Attendant</p> <p>1) Inspect cables for damage or cracking.</p> <p style="text-align: center;">Service Provider</p> <p>1) Inspect probe cage and transceiver for residue or build-up. Clean with mineral spirits as necessary.</p>
Electronic Line Leak Detection (if installed)	Yearly	<p style="text-align: center;">Owner or Attendant</p> <p>1) With motor running, visually inspect Submersible pump and fittings for leaks. 2) Inspect transducer cable for damage or cracking</p> <p style="text-align: center;">Service Provider</p> <p>1) Verify that Line Leak Detection is active and in a mode consistent with installed equipment. 2) Verify timer is setting targets and counting.</p>
Sump Sensor (float type sensor) (if installed)	Yearly	<p style="text-align: center;">Owner or Attendant</p> <p>1) Inspect cables for damage or cracking. 2) Invert sensor. Verify that ST Console displays corresponding panel alarm LED or warning is printed on printer.</p>
Dispenser Pan Sensor (if installed)	Yearly	<p style="text-align: center;">Owner or Attendant</p> <p>1) Inspect cables for damage or cracking. 2) Verify sensor is attached in up-right position on the bottom of the pan.</p>
Optical Sensors OLDS & LRS (if installed)	Yearly	<p style="text-align: center;">Owner or Attendant</p> <p>1) Inspect cables for damage or cracking. 2) Verify that Sensors are at the bottom of containment area.</p>



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Sub-System	When to perform	Actions
Ground Water Sensor (if installed)	Yearly	<p style="text-align: center;">Owner or Attendant</p> <ol style="list-style-type: none"> 1) Inspect cables for damage or cracking. 2) Lift sensor above water level in the well. Verify corresponding panel alarm LED or "sensor dry" warning is printed at ST console. Re-immerses in water.
Hydrostatic Sensor (if installed)	Yearly	<ol style="list-style-type: none"> 1) Inspect cables for damage or cracking. <p style="text-align: center;">Service Provider</p> <ol style="list-style-type: none"> 1) Remove sensor from reservoir. Verify free movement of floats. 2) With sensor on level ground, move upper float to up position. Verify corresponding panel alarm LED or warnings are printed on ST console. 3) With sensor on level ground move lower float down position. Verify corresponding panel alarm LED or warnings are printed on ST console. 4) Re-install Sensor.