

Issue Date: April 15, 2022

Franklin Fueling Systems

EVO 600 and EVO 6000 with TSP-LL2 Magnetostrictive Probe

CONTINUOUS IN-TANK LEAK DETECTION METHOD (CONTINUOUS AUTOMATIC TANK GAUGING)

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|---------------------------------|---|
| Certification: | Leak rate of 0.1 gph with PD = 96.4% and PFA = 3.6%. |
| Leak | 0.05 gph |
| Threshold | A tank system should not be declared tight if the test results indicate a loss or gain that exceeds this threshold. A message printed for the operator if this threshold is exceeded. |
| Applicability | Gasoline, diesel, and aviation fuel. California Code of Regulations require a written statement of compatibility for systems containing products other than those used in this evaluation. |
| Tank Capacity | Maximum of 20,650 gallons. Tank must be at least 14% filled. |
| Waiting Time | 6 hours 4 minutes. |
| Test Period | Data collection time is between 3 hours 45 minutes and 8 hours 2 minutes. Average collection time is 5 hours 19 minutes. Maximum test time is 14 hours 6 minutes. Data sampling frequency is at least once per minute. |
| Temperature Water Sensor | Average for product is determined by a minimum of 5 thermistors. Must be used to detect water ingress. Minimum detectable water level in the tank is 0.940 inch. Minimum detectable change in water level is 0.012 inch. |
| Calibration | Thermistors and probe must be checked and, if necessary, calibrated in accordance with manufacturer's instructions. |
| Comments | System reports a result of "pass" or "fail". Tests only the portion of the tank containing product. Not tested on manifolded tanks. As product level is lowered, the leak rate in a leaking tank decreases (due to lower head pressure). Consistent testing at low levels could allow a leak to remain undetected. EPA leak detection regulations require testing of the portion of the tank system which routinely contains product. |

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