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Date: November 22, 2006

Subject: Testing ELLD with an LDT-890

Electronic Line Leak Detection automatically starts a catastrophic line test after dispensing operations are completed and the last authorization is removed. Unless otherwise instructed by Electronic LLD manufacturer's instructions, the following test protocol is followed for ELLD testing:

1. Tag-out lock-out procedure for all submersible pumps involved.
2. Install LDT-890 as per manufacturer's guidelines in test port of dispenser or appropriate fitting at the highest dispenser. If no change in elevation, install LDT-890 in the dispenser furthest from the pump.
3. Set Four Way Valve to Pressure Step Test.
4. Energize submersible(s).
5. Purge line and test equipment.
6. Calibrate a 3 GPH @ 10 PSI leak as per LDT-890 protocol.
7. Turn LDT-890 Four Way Valve to 3 GPH Test.
8. Remove authorization from dispenser.
9. Wait for electronic line leak detection system to declare leak.

Wait time before system declares leak may vary depending on manufacturer of ELLD and software installed. If ELLD system does not declare leak within five minutes, contact ELLD manufacturer.

ARM-4073

AST-4010
AST-4012

ISM-4080
ISM-4081

LD-2000
LD-2000E

LD-2200
LD-2200I75

LD-3000
LD-3000E
LD-3000FL

LDT-890

OFP-2I1
OFP-2I2

OFP-3I1
OFP-3I2

PLC-5000

SUMP-300

STM-4201

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