

System Start Up List

Installation Instructions

Date: _____ OEL8000III Serial # _____

✓	INSTALLATION AND INTRINSIC SAFETY CHECKLIST SENSORS AND MTG-PROBES
	Piping sump – sensor is installed in lower part of sump
	Interstitial – sensor is located at low point of interstitial space
	Dispenser pan – sensor is located at low point in dispenser
	Reservoir sensor – bottom of sensor touching bottom of reservoir. Brine level should be between sensor prisms
	Strain reliefs are properly sealed
	Doublewall tank Interstitial monitors must have either a 4" riser to grade for fiberglass or a 2" riser to grade for stainless steel
	Sensor wiring is 22 gauge 4 conductor twisted pair shielded with a drain, (OMNTEC EC-4 cable)
	Sensor shield drain wire is connected to ground terminal at sensor connector in the controller
	OEL8000III sensor wiring runs not to exceed 2000ft from the controller to the furthest sensor
	MTG-probe wiring is 22 gauge OMNTEC EC-2 or Belden#8761 cable – use of equivalent will VOID warranty
	MTG shield drain wire is connected to the ground terminal at the MTG connector in the controller
	OEL8000III MTG-probe wiring runs do not exceed 1000ft
	All outdoor wiring connections are sealed with SK-4 epoxy sealing kits
	Seal-offs are installed between building and tanks on probe and sensor conduits
	MTG-probe and sensor wiring connections in tank area are installed in suitable weatherproof junction boxes
	MTG-probe and sensor wires are combined in a separate isolated conduit (must be kept in isolation from all other wires)

OEL8000III MONITOR and MTG-PROBES

	OEL8000III monitor is properly installed indoors (or outdoors in a NEMA4X enclosure) in an accessible location
	Conduits enter OEL8000III only through preformed knock-outs and I.S. Barrier has not been compromised
	Power wires are installed in a separate isolated conduit
	Annunciator (RAS series) wires are installed in a separate isolated conduit
	OEL8000III monitor has an earth ground connected to chassis lug with 12-gauge wire (separate from field ground)
	Press test button and check the print out for proper system response
	Test RAS-series remotes
	Back up the system parameters to the SD Card

OEL8000III TRAINING GUIDELINES

End user or facility manager should know:

	Complete and return Warranty Card to OMNTEC
	To review Owner's Manual
	Location of the console, printer, and remote annunciator
	The function of each push button on the touch screen
	Location and purpose of probes and sensors
	What potential alarms could occur for this configuration
	How to adjust the time
	How to change the paper
	How to print and acknowledge alarm(s)
	How to view and print out inventory reports
	How to start and stop an in-tank leak detection test (if applicable)
	How to enable auto alarm printout
	Only qualified and authorized personnel can install or service any component of the OEL8000III system

Start-up Installer

Name: _____

Address: _____

Signature: _____

Tel: ____ - ____ - ____ Ext: ____

Construction site: _____

Tel: ____ - ____ - ____ Ext: ____

Dealer/Manager/Owner

Name: _____

Site Address: _____

Signature: _____

Tel: ____ - ____ - ____ Ext: ____

Signature: _____

Tel: ____ - ____ - ____ Ext: ____