



SG Bunker™ System Functional Testing Checklist

Project: Loraas Compost Facility

Bunker #: _____

PCU ID: _____

COMPONENT	DESCRIPTION OF FUNCTION	VERIFIED BY/DATE	SG Representative
Blower	Blower spins in direction of arrow		
Compost Control System Network	Blower functions based on software command		
E-Stop	Engage Estop to interrupt blower function		
LED	When PCU is powered, LED will emit green. LED will emit red when estop is engaged		
Temperature Probe	When PCU is powered, Temperature Probe will report 5 separate readings to software interface		
Oxygen Probe	When PCU is powered, Oxygen Probe will report O2 readings to software interface. A reading of near 20.7 is normal for atmosphere once sensor calibrates on ambient air		
Water Trap	Water trap full of water to create back pressure. Internal trap piping in place		
Trenching	When blower is on, air pressure is present at the toe end of the trench system		
Sidewall	Smooth surface on outer quarter circle of wall cap		
AC Electrical	Verify 480v AC at input		
DC Electrical	Verify 24v at power supply		
COMMENTS:			