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The SG Service Check™

The SG Service Check™ is our preventive maintenance program that helps you keep your facility operating efficiently. Our site-wide review helps identify potential issues/risks and facilitates SG's ability to educate you about how best to resolve in order to prevent operational problems that could endanger the profitability of your facility and contribute to odors and poor product quality.

The SG Service Check™ program is founded on a proactive, partnership model. One of SG's experienced operators/technicians will conduct the site-wide review and produce a report with the findings. Maintenance, repair or replacement options are offered to protect the integrity of your operation. If re-training is recommended, the SG team can be promptly scheduled.

The following is the checklist the SG team utilizes to assess your operation. In an effort to help you understand the importance of the item being checked, we have provided a list of possible problems that can result if the issues/risks uncovered are left unresolved. The SG team wants your facility to continue to prosper – stay in compliance, have no issues with the surrounding community, and to produce a quality product. This program is our best effort to partner with you to safeguard your operation and profitability.



CHECK	EQUIPMENT/PROCESS	POSSIBLE PROBLEMS IF UNRESOLVED
Electronics Enclosure	Physical condition	Immediate system risk; damage to electronics in system
	Check incoming power feed (120v – 600v)	
	Check 24v power supply	
Control Box	Physical Condition	Water, dust, vector, damage
	Check Power feed	Immediate system risk; damage to electronics in system
PCU— Process Control Unit	Physical condition	Water, dust, vector, damage Immediate system risk; damage to electronics in system Data recording risk
	Functionality	
	Ring buffer memory	
	Internal battery	
Probe Cables	Functionality	Measurement risk
	Physical condition	Data risk
Oxygen Sensor	Functionality	O2 mode functionality
	Physical condition of all components	Measurement risk
Temperature Sensor	Functionality	Data risk
	Physical condition of all components	Measurement risk
Pressure Sensor	Functionality	Data risk
	Physical condition of all components	Measurement risk
Communications System	Verify Router functionality	Remote Control / Access to System
	Verify Wi-Fi functionality	Data recording risk
	Verify Converter functionality	
	Includes COM++ server and all Fiber Optic Converters	
Aeration / Blower	Functionality	Anaerobic
	Pressure output or volumetric measurement	
	Amp draw at start and run	
	Physical condition (Blower, Y-pipe, Flex Pipe)	Back pressure issue
	Impellor direction	Negative air vs. positive air
Water Traps	Physical condition	Air Flow back pressure
		Maintain clear separation
		Anaerobic via short circuit system
Trench System	Physical condition	Air Flow back pressure
	Look for presence of proper plug pattern	Anaerobic via short circuit system
Computer / Software	Check software version	Remote Control / Access to System
	Functionality	Data Recording
GORE® Cover	Condition	VOC Emissions
	Age	Moisture
	Sample panel if needed for GORE Analysis	
	Rim condition	
	Anchoring system	Cover damage risk
	Seal	Pressure issue
Winding Device	Physical Conditon	Ability to place and remove cover
	Modifications	Safety
	Maintenance	
Pre-Process	Process	Mix Issues C:N, Moisture, Odor
	Feed Stocks	Contaminants
	Mix	Vectors
SG Process	Odor	PFRP Ability
	Process	Odor and Anaerobic conditions; inability to manage moisture
	Cover Usage	VOC Emissions
	Volume	Water vs. Leachate separation
Post Process	Curing material	Stability, Quality
	Finished Product	