

Quarterly Inspections: Clean Air Separator Only

Inspect Clean Air Separator for proper operating configuration. See Executive Order VR-204-K, Exhibit 2, Figure 2B-16 or 2B-16H for guidance. Figure 2B-16 applies to vertical CAS installations. Figure 2B-16H applies to horizontal CAS installations.

Annual Inspections

Annual VST ECS Membrane Processor Inspections and Replacements					
Component	Procedure	Fail Criteria	Corrective Action	Reference Manuals	Authorized Personnel
Blower	Replace the blower every ten years or 15,000 hrs. (whichever comes first).			IOM - 11	VST ASC Level C
Vacuum pump	Replace pump every ten years or 15,000 hrs. (whichever comes first).				
Vacuum pump drive coupling - rubber insert	Visually inspect the drive coupling between the vacuum pump and the motor for wear	Rubber debris is found on or around the vacuum-pump base.	Replace the drive coupling rubber insert	IOM - 11	
Heat Trace Cable	Check the continuity of the heat trace cable.	If the heat trace cable circuit is open, the cable has failed.	Replace the heat- trace cable	IOM - 11	
HC Sensor	Test the HC sensor	The difference shall be within $\pm 1.0\%$ HC concentration from the calibration gas concentration for zero and mid-range gas and $\pm 2.0\%$ for the high-range gas.	Replace the HC Sensor	IOM - 11 and Exhibit 8	

Preventative Maintenance Checklist Form

Component	Frequency	Date Inspected	Completed	Required Action Items
VST ECS PROCESSOR	Yearly			
<ul style="list-style-type: none"> Inspect drive coupling on the vacuum pump. 			[]	
<ul style="list-style-type: none"> Check the continuity of the heat trace cable. 			[]	
RECIRCULATION BLOWER				
Replace every 10 years or 15,000 hours, whichever comes first.			[]	
VACUUM PUMP				
Replace every 10 years or 15,000 hours, whichever comes first.			[]	