



**MONTHLY INSPECTION CHECKLIST  
NITROGEN-PAC™ MODEL SC-W SYSTEM  
UFS-623 REVISION 2.00 – PAGE 1 OF 3**



<b>DATE</b>	
<b>USER</b>	
<b>ADDRESS 1</b>	
<b>ADDRESS 2</b>	
<b>CITY, STATE, ZIP</b>	

<b>MODEL SC-W ASSEMBLY SERIAL NUMBER</b>	
<b>TRUE ADVANCED PURGE™ #1 SERIAL NUMBER</b>	
<b>TRUE ADVANCED PURGE™ #2 SERIAL NUMBER</b>	

INSPECTION – MODEL SC-W ASSEMBLY					
STEP	MANUAL REF.	PROCEDURE	OK	NOT OK	
1		Is the <b>GREEN</b> visual indicator on?			
2		Has the manual particulate filter drain valve been opened, allowing any condensate to drain, and the valve then been closed?			
3	<b>5.2.2</b>	Has the enclosure inlet filter been checked and cleaned, if necessary?			
4	<b>5.2.3</b>	Has the exhaust fan filter element been checked and cleaned, if necessary?			
5		Are all valves at the Model SC-W assembly positioned for Nitrogen Generation per the Quick Reference Valve Position Table?			
6	<b>5.2.1</b>	Has the nitrogen purity value at the Model SC-W assembly N2 Purity Test Port and the Runtime Monitor value been checked and recorded below?			
<b>Model SC-W Assembly N<sub>2</sub> Purity Test Port</b>		%	<b>Runtime Monitor</b>	HRS      MIN	
7		Have the values on the Model SC-W assembly gauges been recorded?			
<b>PROPER GAUGE READINGS MODEL SC-W ASSEMBLY</b>		<b>Gauge A</b>		<b>Gauge B</b>	
		0 PSIG MIN.	100 PSIG MAX.	75 PSIG MIN.	95 PSIG MAX.
<b>OBSERVED GAUGE VALUES MODEL SC-W ASSEMBLY</b>		PSIG		PSIG	

**INSPECTION – MODEL NAMD-1 ASSEMBLIES**

STEP	PROCEDURE	OK	NOT OK
1	Are the valves at each Model NAMD-1 in the proper position?		
2	Have the values on the Model NAMD-1 gauges been recorded?		
<b>Sprinkler System 1</b>	PSIG	<b>Sprinkler System 2</b>	PSIG
		<b>External Air Compressor</b>	PSIG

**INSPECTION – MODEL PVA ASSEMBLIES**

STEP	MANUAL REF.	PROCEDURE	OK	NOT OK
1		Are the inlet valves at all the Model PVAs in their proper position?		
2	5.2.4	Have the nitrogen purity values at the Model PVAs been checked with the Model NA-2 Nitrogen Analyzer or the Model TAP-G3s?		
<b>PVA or TAP-G3 Sprinkler System 1</b>		%	<b>PVA or TAP-G3 Sprinkler System 2</b>	%

INSPECTOR	PRINT NAME	SIGNATURE	DATE

**QUICK REFERENCE VALVE POSITION TABLE**

VALVE	A NORMAL	B INITIAL FILL	C PURGING	D FILTER SERVICE	E N <sub>2</sub> PURITY AT TEST PORT	F N <sub>2</sub> PURITY AT PVAs	G DRAIN
<b>MODEL SC-W ASSEMBLIES</b>							
<b>1</b>	Normal	Bypass	Normal	Normal	Normal	Normal	Normal
<b>2</b>	Open	Open	Open	Closed	Open	Open	Closed
<b>MODEL NAMD-1 ASSEMBLIES</b>							
Inlet(s)	Open	Closed	Open	Open	Open	Open	Open
Outlet(s)	Open	Closed	Open	Open	Open	Open	Open
Bypass(es)	Closed	Open	Closed	Closed	Closed	Closed	Closed
<b>MODEL PVA ASSEMBLIES</b>							
PVA-4 (with NA-2)	Closed	Closed	Open	Closed	Closed	Open	Closed
PVA-2 (with TAP)	Open	Open	Open	Open	Open	Open	Closed
TAP = TRUE ADVANCED PURGE™ device. Leave PVA inlet valve OPEN unless draining water at PVA location. TAP device will be in control of purging.							

<b>A</b>	<b>NORMAL</b>	System is providing N <sub>2</sub> into sprinkler pipe.	<b>D</b>	<b>FILTER SERVICE</b>	Filter elements in Model SC-W assembly are to be replaced.
<b>B</b>	<b>INITIAL FILL</b>	Air into sprinkler pipe for initial fill (max. 30 minutes) or air only if N <sub>2</sub> not available	<b>E</b>	<b>N<sub>2</sub> PURITY AT TEST PORT</b>	N <sub>2</sub> purity at Model SC-W assembly is to be measured with Model NA-2.
<b>C</b>	<b>PURGING</b>	Air is purging from sprinkler pipe and being replaced with N <sub>2</sub> .	<b>F</b>	<b>N<sub>2</sub> PURITY AT PVAs</b>	N <sub>2</sub> purity at PVAs is to be measured with Model NA-2
			<b>G</b>	<b>DRAIN</b>	Draining of accumulated moisture from Model SC-W assembly.

