



<b>DATE</b>	
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**LOCATION INFORMATION**

User	
Address 1	
Address 2	
City, State, Zip	
System	

**SPRINKLER SYSTEM INFORMATION**

NO. OF RISERS		SYSTEM GALLONS	
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<b>NITROGEN-PAC™ SC UNIT SERIAL NUMBER</b>	
TRUE ADVANCED PURGE™ SERIAL NUMBER #1	
TRUE ADVANCED PURGE™ SERIAL NUMBER #2	
TRUE ADVANCED PURGE™ SERIAL NUMBER #3	
TRUE ADVANCED PURGE™ SERIAL NUMBER #4	
TRUE ADVANCED PURGE™ SERIAL NUMBER #5	

<b>PRELIMINARY</b>	OK	NOT OK
Are all electrical connections complete?		
Are all piping connections complete?		
Is the water supply to the sprinkler valve (s) off?		
Are all nitrogen generator valves in <b>NORMAL</b> position (see Quick Reference Valve Position Table), all PVA valves <b>CLOSED</b> , and all AMD-1 valves <b>CLOSED</b> ?		

<b>STARTUP</b>	OK	NOT OK
Has the panelboard circuit breaker and/or disconnect switch been turned <b>ON</b> , and has the compressor started?		
Has the switch on the refrigerated dryer been turned <b>ON</b> , and has the refrigerated dryer started?		
Has Gauge <b>A</b> begun to indicate pressure?		



**COMMISSIONING WORKSHEET AND CHECKLIST  
NITROGEN-PAC SC SERIES SYSTEM  
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<b>30 MINUTE INITIAL FILL</b>	OK	NOT OK
Have Valves <b>2</b> and <b>3</b> been <i>carefully</i> closed and Valve <b>1</b> been <i>carefully</i> opened?		
Is the <b>RED</b> Bypass visual indicator <b>ON</b> ?		
Have the AMD-1 inlet valve(s) been <b>OPENED</b> ?		
Have the AMD-1 regulator(s) been properly adjusted?		
Has the AMD-1 inlet valve(s) been <b>CLOSED</b> ?		
Are AMD-1 bypass valve(s) <b>OPEN</b> ?		
Is the sprinkler system(s) beginning to fill with air?		
Did the sprinkler system(s) reach supervisory pressure in 30 minutes or less?		
If the sprinkler system(s) did not reach supervisory pressure in 30 minutes or less, has the sprinkler system(s) been checked for leaks and have leaks been corrected?		

<b>MANUAL PURGING (FOR SYSTEMS WITH PVA-3)</b>	OK	NOT OK
Has Valve <b>1</b> been closed, and have Valves <b>2</b> and <b>3</b> been <b>OPENED</b> ?		
Is the <b>GREEN</b> Normal visual indicator <b>ON</b> ?		
Have the AMD-1 bypass valves been <b>CLOSED</b> , and have the AMD-1 inlet / outlet valve(s) been <b>OPENED</b> ?		
Has the valve on no more than one (1) PVA been <b>OPENED</b> ?		
Have all valves been checked to ensure they are in the <b>NORMAL</b> position per the Quick Reference Valve Position Table?		
If provided, is the condensate pump properly installed and does it function as intended?		

<b>AUTOMATIC PURGING (FOR SYSTEMS WITH TRUE ADVANCED PURGE™)</b>	OK	NOT OK
Has Valve <b>1</b> been closed, and have Valves <b>2</b> and <b>3</b> been opened?		
Is the <b>GREEN</b> Normal visual indicator <b>ON</b> ?		
Have the AMD-1 bypass valve(s) been closed, and have the AMD-1 inlet / outlet valve(s) been opened?		
Have all the inlet valves on the PVAs been opened?		
Has no more than one (1) TAP been put into Initial Purge Mode?		
Have all valves been checked to ensure they are in normal position per the Quick Reference Valve Position Table?		
If provided, is the condensate pump properly installed and does it function as intended?		



<b>STARTUP (Continued)</b>					
Have all nitrogen purity values been measured and recorded?					
SC Cabinet Test Port	%	PVA or TAP #1	%	PVA or TAP #2	%
PVA or TAP #3	%	PVA or TAP #4	%	PVA or TAP #5	%

<b>PROPER GAUGE READINGS – GAUGES A and B</b>							
Model No.	Gauge	Proper Gauge Reading		Model No.	Gauge	Proper Gauge Reading	
		Minimum	Maximum			Minimum	Maximum
SC-1	<b>A</b>	0	100	SC-2	<b>A</b>	0	100
	<b>B</b>	75	95		<b>B</b>	55	75
Have the values on all system gauges been recorded?		Gauge <b>A</b>	PSIG	Gauge <b>B</b>	PSIG	AMD Gauge #1	PSIG
AMD Gauge #2	PSIG	AMD Gauge #3	PSIG	AMD Gauge #4	PSIG	AMD Gauge #5	PSIG

<b>TIME ON RUNTIME MONITOR:</b>	HOURS / MINUTES
NOTE: Initial time will NOT be zero. Indicated time includes factory test run time and commissioning run time.	

<b>FINAL ACCEPTANCE</b>					
Have all nitrogen purity values been measured and recorded?					
SC Cabinet Test Port	%	PVA or TAP #1	%	PVA or TAP #2	%
PVA or TAP #3	%	PVA or TAP #4	%	PVA or TAP #5	%

<b>PROPER GAUGE READINGS – GAUGES A and B</b>							
Model No.	Gauge	Proper Gauge Reading		Model No.	Gauge	Proper Gauge Reading	
		Minimum	Maximum			Minimum	Maximum
SC-1	<b>A</b>	0	100	SC-2	<b>A</b>	0	100
	<b>B</b>	75	95		<b>B</b>	55	75
Have the values on all system gauges been recorded?		Gauge <b>A</b>	PSIG	Gauge <b>B</b>	PSIG	AMD Gauge #1	PSIG
AMD Gauge #2	PSIG	AMD Gauge #3	PSIG	AMD Gauge #4	PSIG	AMD Gauge #5	PSIG

<b>TIME ON RUNTIME MONITOR:</b>	HOURS / MINUTES
NOTE: Initial time will NOT be zero. Indicated time includes factory test run time and commissioning run time.	

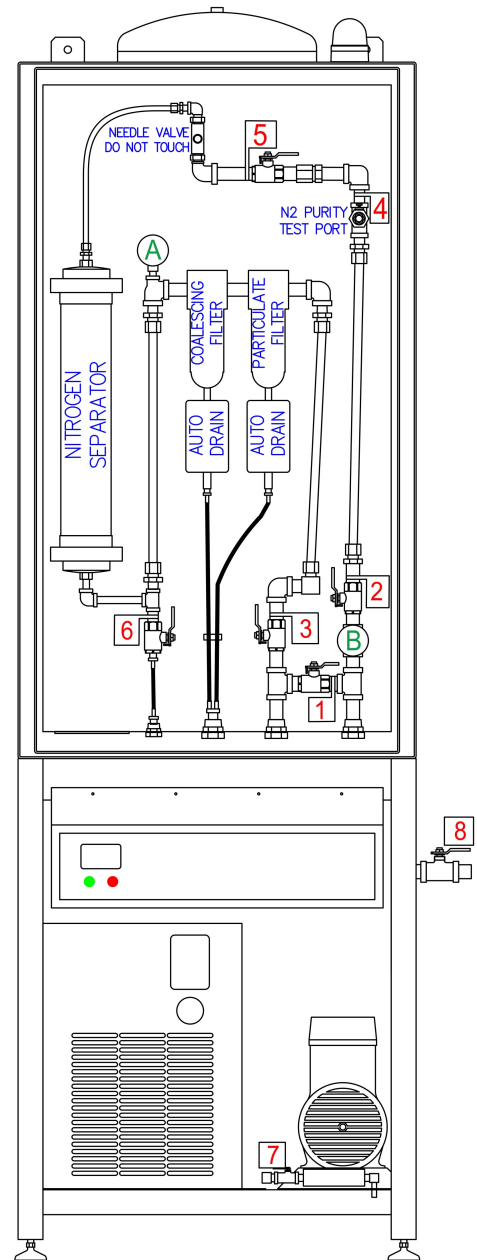


FINAL ACCEPTANCE SIGNATURES			
	PRINT NAME	SIGNATURE	DATE
CUSTOMER			
INSTALLING CONTRACTOR			

NOTES

**QUICK REFERENCE VALVE POSITION TABLE**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
VALVE	NORMAL	BYPASS	PURGE	FILTER SERVICE	N <sub>2</sub> PURITY AT TEST PORT	N <sub>2</sub> PURITY AT PVAs	DRAIN
<b>1</b>	Closed	Open	Closed	Closed	Closed	Closed	Closed
<b>2</b>	Open	Closed	Open	Closed	Open	Open	Closed
<b>3</b>	Open	Closed	Open	Closed	Open	Open	Closed
<b>4</b>	Closed	Closed	Closed	Closed	Open	Closed	Closed
<b>5</b>	Open	Open	Open	Closed	Open	Open	Closed
<b>6</b>	Closed	Closed	Closed	Open	Closed	Closed	Open
<b>7</b>	Closed	Closed	Closed	Closed	Closed	Closed	Open
<b>8</b>	Open	Open	Open	Closed	Open	Open	Closed
<b>AMD VALVES</b>							
AMD-1 Inlet(s)	Open	Closed	Open	Open	Open	Open	Open
AMD-1 Outlet(s)	Open	Closed	Open	Open	Open	Open	Open
AMD-1 Bypass(es)	Closed	Open	Closed	Closed	Closed	Closed	Closed
<b>PVA INLET VALVE(s)</b>							
PVA-3 Inlet Valve(s) with NA-1	<b>Closed</b>	Closed	Open	Closed	Closed	<b>Open</b>	Closed
PVA-2 Inlet Valve(s) with TAP	<b>Open</b>	Open	Open	Open	Open	<b>Open</b>	Closed
TAP = True Advanced Purge device. Leave PVA inlet valve open unless draining water at PVA location. See manual 30-NPSICM-000 for more information.							



- A** = NORMAL – system is providing nitrogen into preaction sprinkler system(s).
- B** = BYPASS – compressed air is routed to preaction sprinkler system(s) for initial fill (max. 30 minutes) per NFPA 13, or to put sprinkler system on air if nitrogen is not available.
- C** = PURGE – system(s) are purging air out of sprinkler piping, replacing air with nitrogen.
- D** = FILTER SERVICE – filter elements in SC cabinet filters are to be replaced.
- E** = N<sub>2</sub> PURITY AT TEST PORT – nitrogen purity at SC cabinet is to be checked with NA-1 hand-held meter.
- F** = N<sub>2</sub> PURITY AT PVAs – nitrogen purity at PVAs is to be checked with NA-1 hand-held meter or TAP
- G** = DRAIN – draining accumulated moisture from SC and PVAs.