

# Anhydrous Ammonia Checklist SPS 343 and K61.1

Owner: \_\_\_\_\_ Location/Address \_\_\_\_\_

Tag / Registration No: A- \_\_\_\_\_ Nurses Tanks Total \_\_\_\_\_ Number Inspected \_\_\_\_\_

Manufacturer \_\_\_\_\_ Year \_\_\_\_\_ Serial No. \_\_\_\_\_

Phone Number \_\_\_\_\_ Capacity Gallons \_\_\_\_\_ Tank Square Feet \_\_\_\_\_ MAWP \_\_\_\_\_

ANHYDROUS AMMONIA SYSTEM			NURSE TANKS		
Code Section	Item Description	X	Code Section	Item Description	X
343.15 (1)	PERMIT TO OPERATE		11.4	PLACARDING & MARKING	
5.4.1	VESSEL NAMEPLATES		11.6.1	SAFETY EQUIPMENT	
5.4.2.1	ASME			TRAINED PERSONAL-OPERATOR	
5.4.2.2	<b>NAT'L STD STAMP APPROVAL</b>			1 PAIR GLOVES	
				EYE PROTECTION	
343.44(1,2)	PRESSURE RELIEF DEVICE				
5.8	1. PROPER MARKINGS – “UV, VR”		11.6.2	SAFETY EQUIPMENT PER TANK	
	2. SET PRESSURE ( ) PSI			1.5 GALS. CLEAN WATER	
	3. CAPACITY ( ) SCFM			2. FIRST-AID PROCEDURES	
	4. DISCHARGE PIPING			3. HAZARD WARNING LABEL	
	5. SUPPORT/ LENGTH/ RAIN CAP			4. AMMONIA TRANS. PROCEDURES	
	6. FIVE YEAR REPLACEMENT				
5.10.6.2	PRESSURE GAUGE 0-400 PSI		11	LESS THAN 3000 GALLONS	
5.11	LIQUID LEVEL GAUGE		11.3.1	MAXIMUM LIQUID LEVEL GAUGE	
5.7	HOSES		11.3.2	PRESSURE GAUGE 0-400 PSI	
343.45 (1)	BREAKAWAY PROTECTION		343.44(1,2)	PRESSURE RELIEF DEVICE	
343.45 (2)	WORKING PLATFORM		5.8	1. PROPER MARKINGS – “UV, VR”	
				2. SET PRESSURE ( ) PSI	
				3. CAPACITY ( ) SCFM	
5.10.6.1	COMPRESSOR - POSITIVE DISPLACMT			4. DISCHARGE PIPING	
	1. DISCHARGE STOP INSTALLED			5. RAIN CAP	
	2. RELIEF VALVE INSTALL REQUIRED			6. FIVE YEAR REPLACEMENT	
			5.7&11.3.8	HOSES	
5.6.3	1. <b>NH3 PIPE ONLY</b>				
	2. MEET B31.3 REQUIREMENTS		11.4.2	SLOW MOVING VEHICLE	
	A. ACCEPTABLE MATERIALS				
	B. VALVES & FITTINGS		11.3.3	EXCESS FLOW VALVE (5.5.1.1)	
	C. WELDING QUALS TO ASME IX			(NURSE TANKS)	
	WPS, PQR & WPQ DOCUMENTS				
	D. PRESSURE TEST		3.4 & 5.1	<b>BULK STORAGE TK-CONTINUED</b>	
	TEST MEDIUM - NITROGEN/ AIR			(SAFETY EQUIPMENT)	
	DECLARATION OF TEST		6.6	PLACARDING & MARKING	
5.8.12	E. HYDROSTATIC				
5.10.8.2	F. EMERGENCY SHUT OFF		6.7	PROTECTION OF CONTAINER	
	G. EXPANSION & CONTRACTION				
5.12&5.3.6	PAINTING & CLEAR OF COMBUST.		5.5.1.1	EXCESS FLOW VALVE	