. A	Ammonia Refr	igeration Safe	ety Inspection	Checklist
		PRESSURE V		
Location	on:		ID	/Tag No.:
Facility Own	ner:			
	ess:			
	act:			Phone:
Inspect	or:			Date:
Application:				Orientation:
High Pressure Receiver.	<del></del>	Oil Separator	_	Horizontal
Accumulator	_	Oil Pot		Vertical
Recirculator	_	Other (Describe).		
Intercooler				
Transfer Drum				
Equipment Data and L		Model #:		Serial #:
ASME Cert. Stamp?	Yes, No	Year Mfg.:		onal Board #:
MAWP (psig):			MDMT (°F):	@ psig
Operating (psig /°F):	/	-	Iormal Liquid Level:	
Total Internal Vol:	Cu. Ft.			
Material:	_	tainless Steel, Alum		
Level Indicator Type:		Bullseye, ☐ Level C	olumn w/Bullseye,  Veri/Techni Level	Flat Armored,
Relief Valve Data:				
Manufacturer:		Model:	Year In	nstalled:
Assembly:	Dual w/change over	er valve, Single	Type of Relief Valve	: Internal, External
Pressure Setting (psig):		Capac	ity (lbs. air per min/SCI	FM):

Location:			ID/Tag No.:	
Inspection Items	Conforms	Safety Status	Recommended Action, or Comments	Target Date
		Status	or Comments	Date
a) Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?	Yes No No N/A			
b) Suitable for ammonia?	Yes No No N/A			
c) Operating within limits?	Yes No No N/A			
d) Fasteners tight, adequately anchored, and supported?	Yes No No N/A			
e) Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No No N/A			
f) Free of excessive ice buildup?	Yes No No N/A			
g) Free of abnormal sounds/vibration?	Yes No No N/A			
h) Free of ammonia leaks?	Yes No N/A			
<ul> <li>All piping has markers per ANSI/IIAR 2?</li> </ul>	Yes No No N/A			
) Are valves in good condition?	Yes No No N/A			
k) Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A			
Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A			
m) Certification drawings on file?	Yes No No N/A			
n) Manufacturer data report on file?	Yes No No N/A			
o) Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?	Yes No No N/A			
p) If No, has it been recertified and documentation filed?	Yes No No N/A			
q) Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No No N/A			
r) Insulation free of damage, moisture, frost, vapor retarder leaks, etc.? a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated			
s) Free of pitting and surface damage? a. If No, note damage level:	Yes No N/A Slight Extensive			
f) Free of any other conditions that negatively affect safe operation?	Yes No No N/A			

Application:		Orientation:
High Pressure Receiver	Oil Separator	Horizontal
Accumulator	Oil Pot	Vertical
Recirculator	Other (Describe)	
Intercooler		
Transfer Drum		
Application:		Orientation:
High Pressure Receiver	Oil Separator	Horizontal
Accumulator	Oil Pot	Vertical
Recirculator	Other (Describe)	
Intercooler		
Transfer Drum		



	Ammonia Refr	igeration Safe	ty Inspection	Checklist
		PRESSURE V	ESSELS	
Locat	Location:			D/Tag No.:
Facility Own	ner:			
	ess:			
	act:			Phone:
Inspec	tor:			Date:
Application:				Orientation:
High Pressure Receiver	_	Oil Separator		Horizontal
Accumulator		Oil Pot		Vertical
Recirculator		Other (Describe)		
ntercooler				
Transfer Drum		•		
Equipment Data and I Manufacturer:	Limits:	Model #:		Serial #:
ASME Cert. Stamp?	Yes, No	Year Mfg.:	Nat	ional Board #:
MAWP (psig):		@ °F	MDMT (°F):	@ psig
Operating (psig /°F):	/	Ne	ormal Liquid Level:	
Total Internal Vol:	Cu. Ft.			
Material:	Carbon Steel, S	tainless Steel,  Alum		
Level Indicator Type:	None. Armored	Bullseye, Level Co	olumn w/Bullseve.	Flat Armored.
<b>71</b>	_	, Level Column w/	-	
Relief Valve Data:				
Manufacturer:		Model:	Year 1	Installed:
Assembly:	Dual w/change over	er valve, 🔲 Single	Type of Relief Valv	ve: Internal, External
Pressure Setting (psig):		Capaci	ty (lbs. air per min/SC	CFM): /

Location:			ID/Tag No.:	
Inspection Items	Conforms	Safety Status	Recommended Action, or Comments	Target Date
) Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?	Yes No No N/A			
) Suitable for ammonia?	Yes No No N/A			
Operating within limits?	Yes No No N/A			
) Fasteners tight, adequately anchored, and supported?	Yes No No N/A			
Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No No N/A			
Free of excessive ice buildup?	Yes No No N/A			
) Free of abnormal sounds/vibration?	Yes No No N/A			
) Free of ammonia leaks?	Yes No N/A			
All piping has markers per ANSI/IIAR 2?	Yes No No N/A			
Are valves in good condition?	Yes No No N/A			
) Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A			
Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A			
n) Certification drawings on file?	Yes No No N/A			
) Manufacturer data report on file?	Yes No No N/A			
) Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?	Yes No No N/A			
) If No, has it been recertified and documentation filed?	Yes No No N/A			
) Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No N/A			
Insulation free of damage, moisture, frost, vapor retarder leaks, etc.?  a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated			
Free of pitting and surface damage?  a. If No, note damage level:	Yes No N/A Slight Extensive			
Free of any other conditions that negatively affect safe operation?	Yes No No N/A			

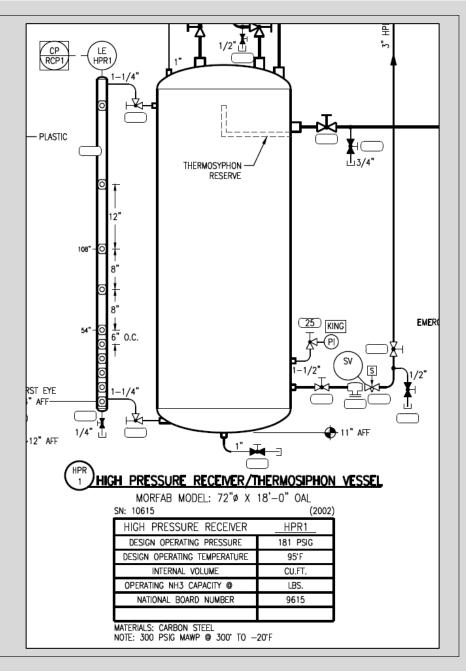
Manufacturer:		Model #:		Serial #:
ASME Cert. Stamp?	Yes, No		Na	ational Board #:
MAWP (psig):		@ °F	MDMT (°F):	@ psig
Operating (psig /°F):	/		Normal Liquid Level:	
Total Internal Vol: Material:	Cu. Ft.		nonia Inventory (lbs.):	
Level Indicator Type:	☐ None, ☐ Armored ☐ Level Column Only,	-	-	Flat Armored,
<b>Equipment Data and I</b>		ALC: A CONTRACTOR		
Manufacturer:	GLOBE ICE MACHINE	Model #: N	lA	Serial #: 22731
ASME Cert. Stamp?	✓ Yes, ☐ No	Year Mfg.: 198	6 Na	ational Board #: NONE
MAWP (psig):	250	@°F 200	MDMT (°F):	-20 @psig 250
Operating (psig /°F):	165.9PS/ 90°F		Normal Liquid Level:	12"
Total Internal Vol:	391,9 Cu. Ft.	Normal Amn	onia Inventory (lbs.):	2330.4
Material:	✓ Carbon Steel, ☐ Sta	ainless Steel, L Alur	ninum, U Other:	
Level Indicator Type:	☐ None, ☐ Armored	Bullseye, Level	Column w/Bullseye,	√ Flat Armored,
	Level Column Only,			



<b>Equipment Data and I</b>	Limits:	
Manufacturer:	GLOBEICE MACHINECO Model #: N/A	Serial #: _22731
ASME Cert. Stamp?	Yes, No Year Mfg.: 1986	National Board #: NONE
MAWP (psig):	250 . @°F 200	MDMT (°F): -20 @ psig 250
Operating (psig /°F):	165.9 <sup>P5</sup> / 90°F Normal	Liquid Level: 12"
Total Internal Vol:	391,9 Cu. Ft. Normal Ammonia In	ventory (lbs.): 2330,4
Material:	Carbon Steel, Stainless Steel, Aluminum,	U Other:
Level Indicator Type:	None, ☐ Armored Bullseye, ☐ Level Column	



Manufacturer:		Model #:		Serial #:
ASME Cert. Stamp?	☐ Yes, ☐ No	Year Mfg.:	National	Board #:
MAWP (psig):		@ °F	MDMT (°F):	@ psig
Operating (psig /°F):	/		Normal Liquid Level:	'
Total Internal Vol:	Cu. Ft.	Normal Am	monia Inventory (lbs.):	
Material:	Carbon Steel, St	ainless Steel, Al	uminum, Other:	
Level Indicator Type:	☐ None, ☐ Armored	Bullseye, Level	l Column w/Bullseye, Flat	Armored,
	Level Column Only	, \ \ Level Column	w/ Veri/Techni Level	



A	Ammonia Refi	igeration Safe	ty Inspection	Checklist
		PRESSURE V	ESSELS	
Locati	on:			D/Tag No.:
Facility Own	ner:			
	ess:			
	nct:			Phone:
Inspect				Date:
Application:				Orientation:
High Pressure Receiver.		Oil Separator	_	Horizontal
Accumulator		Oil Pot		Vertical
Recirculator		Other (Describe)		
Intercooler				
Transfer Drum				
Equipment Data and I Manufacturer:		Model #:		Serial #:
ASME Cert. Stamp?	Yes, No	Year Mfg.:		ional Board #:
MAWP (psig):			MDMT (°F):	@ psig
Operating (psig /°F):	/	_ N	ormal Liquid Level:	
Total Internal Vol:	Cu. Ft.	Normal Ammo	nia Inventory (lbs.):	
Material:	Carbon Steel, S	tainless Steel, 🗌 Alum	inum, U Other:	
Level Indicator Type:	None, Armored	l Bullseye, 🔲 Level Co	olumn w/Bullseye,	Flat Armored,
	Level Column Only	y, 🔲 Level Column w/	Veri/Techni Level	
Relief Valve Data:				
Manufacturer:		Model:	Year 1	Installed:
Assembly:	Dual w/change ov	er valve, Single		re: Internal, External
Pressure Setting (psig):				FM): /
(J. 18)			, p	· · · · · · · · · · · · · · · · · · ·

a) i	Location: Inspection Items	PRESSURE VI	ESSEL		
a) :				ID /F N	
a) ]	Inspection Items			ID/Tag No.:	
a) .		Conforms	Safety Status	Recommended Action, or Comments	Target Date
	Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?	Yes No No N/A			
b)	Suitable for ammonia?	Yes 🗌 No 🔲 N/A 🗌			
c) (	Operating within limits?	Yes No No N/A			
	Fasteners tight, adequately anchored, and supported?	Yes No N/A			
	Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No No N/A			
f) [	Free of excessive ice buildup?	Yes No No N/A			
g) :	Free of abnormal sounds/vibration?	Yes No No N/A			
h)	Free of ammonia leaks?	Yes No N/A			
	All piping has markers per ANSI/IIAR 2?	Yes 🗌 No 🗎 N/A 🗌			
j) .	Are valves in good condition?	Yes No No N/A			
,	Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A			
	Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A			
m)	Certification drawings on file?	Yes No No N/A			
n) !	Manufacturer data report on file?	Yes 🗌 No 🔲 N/A 🗌			
ĺ	Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?	Yes No No N/A			
	If No, has it been recertified and documentation filed?	Yes No N/A			
	Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No No N/A			
Ĺ	Insulation free of damage, moisture, frost, vapor retarder leaks, etc.? a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated			
	Free of pitting and surface damage? a. If No, note damage level:	Yes No N/A Slight Extensive			
	Free of any other conditions that negatively affect safe operation?	Yes No N/A			
ίfΝ	o, describe:				

Relief Valve Data:		
Manufacturer: Assembly:	Model: Dual w/change over valve, Dingle	Year Installed:  Type of Relief Valve:
Pressure Setting (psig):		y (lbs. air per min/SCFM):/
Relief Valve Data:		
Manufacturer:	HANSEN Model: H5602	Year Installed: SEPT 2019
Assembly:	Dual w/change over valve, Single	Type of Relief Valve: Internal, External y (lbs. air per min/SCFM): 57.6 4/min
		and a Tild





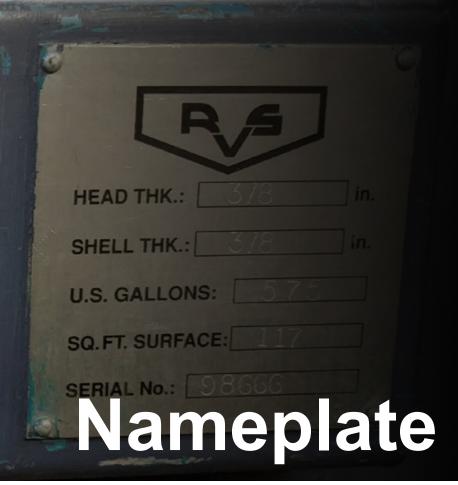
A	Ammonia Refri	geration Safe	ty Inspection	Checklist
		PRESSURE V	•	
Locatio	on:		II	D/Tag No.:
	er:			
	ss:			
	ct:			Phone:
Inspect				Date:
Application:				Orientation:
High Pressure Receiver.		Oil Separator		Horizontal
Accumulator		Oil Pot		Vertical
Recirculator		Other (Describe)		
Intercooler				
Transfer Drum				
Equipment Data and L Manufacturer: ASME Cert. Stamp?	imits:	Model #: Year Mfg.:		Serial #:ional Board #:
MAWP (psig):		@ °F	MDMT (°F):	@ psig
Operating (psig /°F):	/	N	ormal Liquid Level:	
Total Internal Vol: Material:	Cu. Ft.	Normal Ammo		
Level Indicator Type:		Bullseye, Level Co		Flat Armored,
Relief Valve Data:				
Manufacturer:		Model:	Year I	Installed:
Assembly:	Dual w/change over	valve, Single	Type of Relief Valv	re: Internal, External
Pressure Setting (psig):	Capacity (lbs. air per min/SCFM): /			

			ID/Tag No.:					
		Safety	Recommended Action,	Target				
Inspection Items	Conforms	Status	or Comments	Date				
Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?	Yes No No N/A							
Suitable for ammonia?	Yes No No N/A							
Operating within limits?	Yes No N/A			_				
Fasteners tight, adequately anchored, and supported?	Yes No N/A							
Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No No N/A							
Free of excessive ice buildup?	Yes No No N/A							
Free of abnormal sounds/vibration?	Yes No No N/A							
Free of ammonia leaks?	Yes No No N/A							
All piping has markers per ANSI/IIAR 2?	Yes No No N/A							
Are valves in good condition?	Yes No No N/A							
Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A							
Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A							
Certification drawings on file?	Yes No No N/A							
Manufacturer data report on file?	Yes No No N/A							
Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?	Yes No No N/A							
If No, has it been recertified and documentation filed?	Yes No No N/A							
Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No No N/A							
Insulation free of damage, moisture, frost, vapor retarder leaks, etc.? a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated							
Free of pitting and surface damage? a. If No, note damage level:	Yes No No N/A Slight Extensive							
Free of any other conditions that negatively affect safe operation?	Yes No N/A							

## **Inspection Items** Conforms Yes No No N/A Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2? **Inspection Items** Equipment is labeled and the nameplate and ASME # are legib and secure per ANSI/IIAR 2? CERTIFIED BY GLOBE ICE MACHINE CO., IN W\_ LOS ANGELES, CALIFORNIA 90001 MAX W.P. 250 PSIG #200 F SERIAL NO. 22731 FEAR BUILT 1986 GROSS GALLONS 310









A	Ammonia Refri	geration Safe	ety Inspection	Checklist	
		PRESSURE V			
Locatio	on:		П	D/Tag No.:	
	er:				
	ss:				
	ct:			Phone:	
Inspect				Date:	
Application:				Orientation:	
High Pressure Receiver	🗆	Oil Separator		Horizontal	
Accumulator	🗆	Oil Pot	_	Vertical	
Recirculator		Other (Describe)			
Intercooler					
Transfer Drum					
Equipment Data and L Manufacturer: ASME Cert. Stamp?	Yes, No	Model #: Year Mfg.:		Serial #:ional Board #:	
MAWP (psig):		@ °F	MDMT (°F):	@ psig	
Operating (psig /°F):	/	1	Jormal Liquid Level:		
Total Internal Vol: Material:	Cu. Ft.	Normal Ammainless Steel,  Alun	onia Inventory (lbs.): _ ninum, Other:		
Level Indicator Type:	_	Bullseye,    Level C	olumn w/Bullseye,  Veri/Techni Level	Flat Armored,	
Relief Valve Data:					
Manufacturer:		Model:	Year I	Installed:	
Assembly:	Dual w/change over	valve, Single	Type of Relief Valv	re: Internal, Ex	ternal
Pressure Setting (psig):		Capac	ity (lbs. air per min/SC	FM): /	

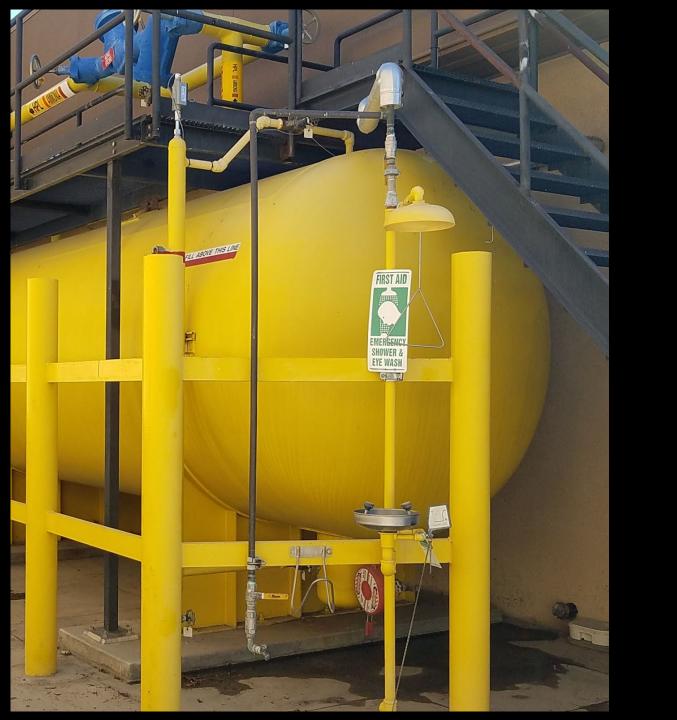
Location:  Inspection Items  Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?  Suitable for ammonia?  Operating within limits?  Fasteners tight, adequately anchored, and supported?  Safe access for Inspection, Testing, and Maintenance (ITM)?  Free of excessive ice buildup?	Conforms           Yes □ No □ N/A □           Yes □ No □ N/A □           Yes □ No □ N/A □           Yes □ No □ N/A □	Safety Status	ID/Tag No.:  Recommended Action, or Comments	Target Date
Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2? Suitable for ammonia? Operating within limits? Fasteners tight, adequately anchored, and supported? Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes			
nameplate and ASME # are legible and secure per ANSI/IIAR 2? Suitable for ammonia? Operating within limits? Fasteners tight, adequately anchored, and supported? Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No N/A Yes No N/A N/A Yes No N/A			
Operating within limits? Fasteners tight, adequately anchored, and supported? Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes			
Fasteners tight, adequately anchored, and supported? Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No No N/A			
anchored, and supported? Safe access for Inspection, Testing, and Maintenance (ITM)?				
and Maintenance (ITM)?				
Free of excessive ice buildup?	Yes No No N/A			
	Yes No No N/A			
Free of abnormal sounds/vibration?	Yes No No N/A			
Free of ammonia leaks?	Yes No N/A			
All piping has markers per ANSI/IIAR 2?	Yes 🗌 No 🗌 N/A 🗍			
Are valves in good condition?	Yes No No N/A			
Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A			
Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A			
Certification drawings on file?	Yes No No N/A			
Manufacturer data report on file?	Yes 🗌 No 🔲 N/A 🗌			
Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?	Yes No No N/A			
If No, has it been recertified and documentation filed?	Yes No N/A			
Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No No N/A			
Insulation free of damage, moisture, frost, vapor retarder leaks, etc.? a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated			
Free of pitting and surface damage? a. If No, note damage level:	Yes No N/A Slight Extensive			
Free of any other conditions that negatively affect safe operation?	Yes No No N/A			

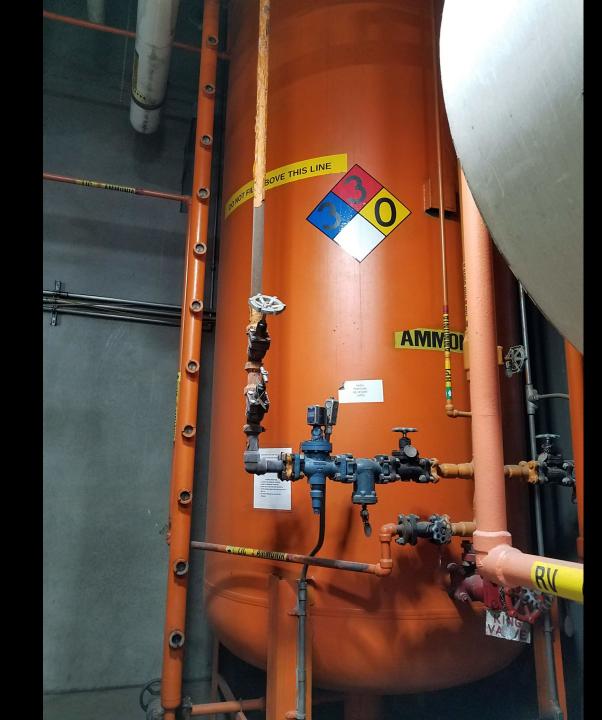
T 11 T1	
Inspection Items	Conforms
b) Suitable for ammonia?	Yes No No N/A
c) Operating within limits?	Yes No N/A



Inspection Items	Conforms	
b) Suitable for ammonia?	Yes No N/A	
c) Operating within limits?	Yes No N/A	
b) Suitable for ammonia?	Yes No No N/A	
c) Operating within limits?	Yes V No N/A	14" \$ 150 PSI







A	Ammonia Refri	geration Safe	ety Inspection	Checklist	
		PRESSURE V			
Locatio	on:		П	D/Tag No.:	
	er:				
	ss:				
	ct:			Phone:	
Inspect				Date:	
Application:				Orientation:	
High Pressure Receiver	🗆	Oil Separator		Horizontal	
Accumulator	🗆	Oil Pot	_	Vertical	
Recirculator		Other (Describe)			
Intercooler					
Transfer Drum					
Equipment Data and L Manufacturer: ASME Cert. Stamp?	Yes, No	Model #: Year Mfg.:		Serial #:ional Board #:	
MAWP (psig):		@ °F	MDMT (°F):	@ psig	
Operating (psig /°F):	/	1	Jormal Liquid Level:		
Total Internal Vol: Material:	Cu. Ft.	Normal Ammainless Steel,  Alun	onia Inventory (lbs.): _ ninum, Other:		
Level Indicator Type:	_	Bullseye,    Level C	olumn w/Bullseye,  Veri/Techni Level	Flat Armored,	
Relief Valve Data:					
Manufacturer:		Model:	Year I	Installed:	
Assembly:	Dual w/change over	valve, Single	Type of Relief Valv	re: Internal, Ex	ternal
Pressure Setting (psig):		Capac	ity (lbs. air per min/SC	FM):/	

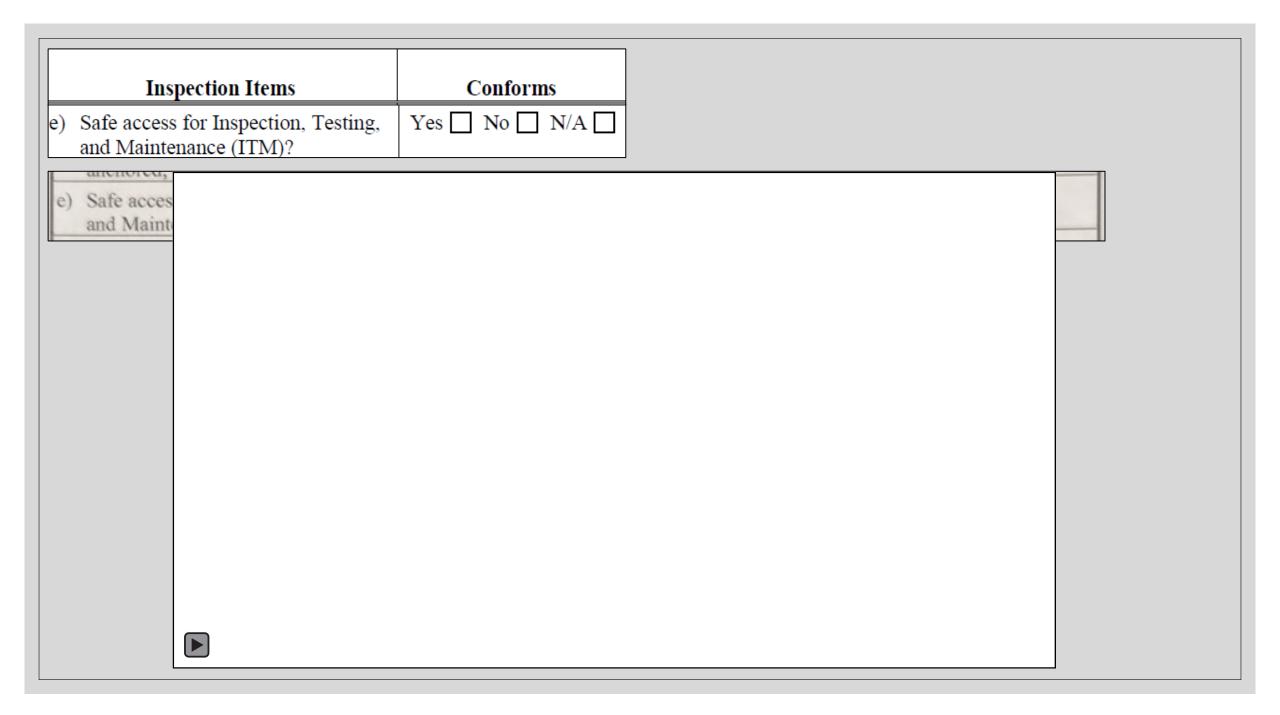
	Location:			ID/Tag No.:	
	Inspection Items	Conforms	Safety Status	Recommended Action, or Comments	Target Date
)	Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?	Yes No No N/A			
)	Suitable for ammonia?	Yes 🗌 No 🔲 N/A 🗌			
)	Operating within limits?	Yes No N/A			
l)	Fasteners tight, adequately anchored, and supported?	Yes No N/A			
)	Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes 🔝 No 🔛 N/A 🔙			
)	Free of excessive ice buildup?	Yes 🗌 No 🔲 N/A 🗌			
(,	Free of abnormal sounds/vibration?	Yes 🗌 No 🔲 N/A 🗍			
)	Free of ammonia leaks?	Yes No N/A			
)	All piping has markers per ANSI/IIAR 2?	Yes 🗌 No 🗌 N/A 🗌			
)	Are valves in good condition?	Yes 🗌 No 🔲 N/A 🗌			
()	Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A			
)	Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A			
n)	Certification drawings on file?	Yes 🗌 No 🔲 N/A 🗌			
ı)	Manufacturer data report on file?	Yes 🗌 No 🔲 N/A 🗌			
)	Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?	Yes No No N/A			
)	If No, has it been recertified and documentation filed?	Yes No N/A			
D	Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No No N/A			
)	Insulation free of damage, moisture, frost, vapor retarder leaks, etc.? a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated			
)	Free of pitting and surface damage? a. If No, note damage level:	Yes No N/A Slight Extensive			
)	Free of any other conditions that negatively affect safe operation?	Yes No No N/A			

Inspection Items	Conforms
d) Fasteners tight, adequately anchored, and supported?	Yes No No N/A
d) Fasteners tight anchored, and	



	Ammonia Refri	igeration Saf	ety Inspection	Checklist
		PRESSURE V	<u> </u>	
Location	on:		II	D/Tag No.:
	er:			
	ss:			
	ct:			Phone:
Inspect				Date:
Application:				Orientation:
High Pressure Receiver.		Oil Separator		Horizontal
Accumulator	🗆	Oil Pot	_	Vertical
Recirculator		Other (Describe)		
Intercooler				
Transfer Drum				
Equipment Data and L Manufacturer: ASME Cert. Stamp?	imits: ————————————————————————————————————	Model #: Year Mfg.:		Serial #:ional Board #:
MAWP (psig):			MDMT (°F):	@ psig
Operating (psig /°F):	/		Normal Liquid Level:	
Total Internal Vol: Material:	Cu. Ft.	Normal Amm ainless Steel, ☐ Alur	onia Inventory (lbs.): _ ninum,	
Level Indicator Type:	=	Bullseye,    Level C	Column w/Bullseye,  Veri/Techni Level	Flat Armored,
Relief Valve Data:				
Manufacturer:		Model:	Year I	installed:
Assembly:	Dual w/change over	r valve, Single	Type of Relief Valv	e: Internal, External
Pressure Setting (psig):		Capac	city (lbs. air per min/SC	FM): /

Ammonia Refrigeration Safety Inspection Checklist PRESSURE VESSELS					
•	PRESSURE VI	ESSEL			
Location:		Safety	ID/Tag No.: Recommended Action,	Target	
Inspection Items	Conforms	Status	or Comments	Date	
a) Equipment is labeled and the nameplate and ASME # are legible and secure per ANSI/IIAR 2?	Yes No No N/A				
b) Suitable for ammonia?	Yes No No N/A				
c) Operating within limits?	Yes No No N/A				
d) Fasteners tight, adequately anchored, and supported?	Yes No No N/A				
e) Safe access for Inspection, Testing, and Maintenance (ITM)?	Yes No No N/A				
f) Free of excessive ice buildup?	Yes No N/A				
g) Free of abnormal sounds/vibration?	Yes No N/A				
h) Free of ammonia leaks?	Yes No N/A				
<ul> <li>All piping has markers per ANSI/IIAR 2?</li> </ul>	Yes No No N/A				
j) Are valves in good condition?	Yes No No N/A				
k) Are critical manual and control valves tagged, exercised, and stems lubricated?	Yes No No N/A				
Sufficient pressure/temperature gauges and/or transducers are present and functioning adequately?	Yes No No N/A				
m) Certification drawings on file?	Yes No No N/A				
n) Manufacturer data report on file?	Yes No No N/A				
<ul> <li>Free of modifications, alterations, damage, or repairs such that casing integrity is or has been affected?</li> </ul>	Yes No No N/A				
p) If No, has it been recertified and documentation filed?	Yes No No N/A				
q) Are tubular linear liquid level sight glasses protected from traffic with 360° guards and internal check shutoff valves?	Yes No No N/A				
r) Insulation free of damage, moisture, frost, vapor retarder leaks, etc.? a. If No, note damage level:	Yes No N/A Slight Extensive Not insulated				
s) Free of pitting and surface damage? a. If No, note damage level:	Yes No N/A Slight Extensive				
t) Free of any other conditions that negatively affect safe operation?	Yes No No N/A				
If No, describe:					



A	Ammonia Refri	geration Safe	ety Inspection	Checklist	
		PRESSURE V	ESSELS		
Location	on:			0/Tag No.:	
Facility Own	er:				
Addre	ss:				
Conta	A CONTRACTOR OF THE CONTRACTOR			Phone:	
Inspect	or:			Date:	
Application:				Orientation:	
High Pressure Receiver	🗌	Oil Separator		Horizontal	
Accumulator		Oil Pot	_	Vertical	
Recirculator		Other (Describe)			
ntercooler					
Fransfer Drum	🗌				
Manufacturer: ASME Cert. Stamp?	Yes, No	Model #: Year Mfg.:		Serial #:onal Board #:	
MAWP (psig):		@ °F	MDMT (°F):	@ psig	
Operating (psig /°F):	/	N	Iormal Liquid Level:		
Total Internal Vol: Material:	Cu. Ft.	Normal Amme	onia Inventory (lbs.): _ ninum, _ Other:		
Level Indicator Type:	_	Bullseye, Level C	olumn w/Bullseye, ☐ Veri/Techni Level	Flat Armored,	
Relief Valve Data:					
Manufacturer:		Model:	Year I	nstalled:	
Assembly:	Dual w/change over	valve, Single	Type of Relief Valv	e: Internal, Ex	ternal
Pressure Setting (psig):		Capac	ity (lbs. air per min/SC	FM):/	

Conforms    No   N/A	Safety Status	ID/Tag No.: Recommen	nded Action, mments	Target Date
No		Recommen		
No				
No				
No				
No N/A NO N/A NO N/A NO N/A NO N/A NO N/A NA N/A NO N/A N/A NO N/A NA NA N/A NA				
No   N/A     No   N/A     No   N/A     No   N/A				
No				
No N/A N/A				
No N/A				
□ No □ N/A □				
No No N/A				
No No N/A				
No No N/A				
□ No □ N/A □				
□ No □ N/A □				
No No N/A				
No No N/A				
□ No □ N/A □				
ht Extensive  No N/A  tht No insulated				
ht Extensive				
No N/A				
	No   N/A     ht   Extensive   ht   Extensive	No   N/A	No N/A           Not insulated           No N/A           ht Extensive           ht Extensive	□ No □ N/A □       th □ Extensive □       □ Not insulated       □ No □ N/A □       th □ Extensive □       th □ Extensive □