



Division of Industry Services
 Department of Safety and Professional Services
Unfired Pressure Vessel Checklist

Owner/Installer: _____

Air Storage Process

Location Address: _____

New Tank Used Tank

City: _____ State _____ Zip _____ Tank Capacity _____ Year Built _____

Manufacturer _____ NB/Ser No. _____ MAWP _____ DIA. X Length _____

Unfired Pressure Vessels (All NBIC References Are Recommendations)			*Comm 41.10 Adopts ASME Sect VIII and NBIC		
Code Section	Item Description	X	Code Section	Item Description	X
SPS 341.10	Adoption of standards by reference				
SPS 341.42	Nameplate Information			Other	
	Code Stamped			Pressure Tested (Y/N)	
	Thickness				
	MDMT		SPS 341.32	Pressure Gauge	
U-2 -& Recomm. & NBIC Part-2~2.3	Inspection considerations		SPS 341.32 (2)	Pressure Gauge Range	
	Operating Conditions				
	Normal Contents		Recomm. NBIC - Part 2.3.5.3 & Part-2.2.4.8	Pressure Controls	
	Environmental conditions observed				
Recomm. NBIC Part-2~2.3.5.4	Records of previous wall thickness readings		SPS 341.24 (1)b	Permit to Operate posted	
SPS 341.42-UG-125	Pressure Relief Devices		Recomm. NBIC Part 2 Section 4	NDE used / type	
UG-129 (a)(1)	Manufacturer				
UG-129 (a)(3)	Size				
UG-129 (a)(4)	Set Pressure				
UG-129 (a)(5)	Capacity				
UG-129 (a)(6)	Year				
UG-129 (a)(7)	Code Stamp				
SPS 341.17 (4)	Tested				
Recomm. Only- NBIC Part-2~2.3.3	External Inspection				
NBIC Part-2~2.3.3(a)	Insulation condition				
NBIC Part-2~2.3.3(b)	Evidence of leakage				
NBIC Part-2~2.3.3(c)	Structural attachments/ Supports/ Welds				
NBIC Part-2~2.3.3(d)	Vessel connections				
NBIC Part-2~2.3.3(e)	Vessel surface conditions				
SPS 341.19 (all NBIC Part-2.3 Are Recommendations)	Internal Inspection				
SPS 341.19 (2)	Inspection plugs/ hand holes opened				
NBIC Part-2~2.3.3(b)1	Threads adequate for engagement				
NBIC Part-2~2.3.3(b)1	Connections free from obstruction				
NBIC Part-2~2.3.3(b)2	Closures (quick opening)				
NBIC Part-2~2.3.3(b)3a	Internals removed only as required				
NBIC Part-2~2.3.3(b)3b	Internals deteriorated				
NBIC Part-2~2.3.3(b)4	Corrosion analyzed				
SPS 341.24 (1)b	Permit to Operate posted				