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1	Section	Action	Comments/Additional Changes to be Made
2	Owner and Operator/Owner or Operator		Owner and Operator changed to Owner or Operator in situations where only one party needs to submit documents to the Department; however as stated in Part A, Owner and Operators are jointly and severally liable for all requirements.
3	All terms "within x days of the effective date of the Regulations"	Amended	Actual date inserted
4	PART A		
5	Part A, Section 1.2.2	Amended	reference to Part A, Section 8 deleted as that section was moved to Part E
6	Part A, Section 1.2.2.4	Amended	Defined terms capitalized
7	Part A, Section 1.2.3	Amended	Part A, Section 4.1 changed to Part A, Section 4.1.1. (error in current edition)
8	Part A, Section 1.2.3	Amended	reference to Part A, Section 8 deleted as that section was moved to Part E
9	Part A, Section 1.2.6.	Amended	Farm/Agricultural BMPs must be submitted in writing and approval from DNREC must be in writing
10	Part A, Definitions - AST	Amended	Aboveground Storage Tank definition: clarified that AST does not include an AST that has met the requirements of Permanent Closure in accordance with the AST Regulations
11	Part A, Definitions - AST	Amended	Added 4) a tank that stores fuel for combustion subsequently used to provide heat for a process
12	Part A, Definitions - Change-In-Service	Amended	Change-In-Service: to include "when the AST is emptied"
13	Part A, Definitions- Consumptive Use	Amended	Clarification added - Heating Fuel AST must be directly connected to the heat generating equipment and the fuel must be utilized solely to generate heat
14	Part A, Definitions - Continuous Leak Detection	Amended	"leak" changed to "release"
15	Part A, Definition - Corrective Action	Added	New - not previously defined
16	Part A, Definitions - Effective Date	Added	means the most recent date of promulgation of these Regulations
17	Part A, Definitions - Empty or Emptying	Added	New definition
18	Part A, Definitions - External Liner	Added	Added a definition of External Liner.
19	Part A, Definitions - Fiduciary	Added	Commensurate with new legislation 2014
20	Part A, Definitions - Fiduciary Capacity	Added	Commensurate with new legislation 2014
21	Part A, Definitions - Flow Through Process Tank	Amended	Added to definition: "a tank that stores fuel for combustion subsequently used to provide heat for a process"
22	Part A, Definitions - Foreclosure	Added	Commensurate with new legislation 2014
23	Part A, Definitions - Heating Fuel	Amended	clarification added
24	Part A, Definitions - In Service	Amended	clarification added
25	Part A, Definitions - Leak	Deleted	Changed to Release
26	Part A, Definitions - Leak Detection	Deleted	Changed to Release Detection
27	Part A, Definitions - Lender	Added	Commensurate with new legislation 2014

	A	B	C
28	Part A, Definitions - Motor Oil	Added	Definition of Motor Oil added for clarification of what tanks are exempt in Part A, Section 1.2.2.4.
29	Part A, Definitions- NAPL	Added	Definition of NAPL
30	Part A, Definitions - New AST	Amended	clarification added
31	Part A, Definitions - Noncommercial	Amended	The definition has been modified for clarification of what activities and businesses qualify as "Noncommercial" to qualify for the exemption in Part A, Section 1.2.2.4.
32	Part A, Definitions - Operator	Amended	clarification added
33	Part A, Definitions - Owner	Amended	Commensurate with new legislation 2014
34	Part A, Definitions - Out-Of-Service	Amended	clarification added
35	Part A, Definitions - Participation in Management	Added	Commensurate with new legislation 2014
36	Part A, Definitions- Permanent Change in Contents	Amended	Amended definition to include any circumstance where a change in contents would affect a tank's regulated status ("regulated" vs. "registered" vs. "unregulated") RLK
37	Part A, Definitions - Pipe	Amended	Added "vapor recovery piping" to definition of Pipe
38	Part A, Definitions - Regulated Substance	Amended	clarification added to definition of petroleum and Heating Fuel added
39	Part A, Definitions - Release	Amended	Added "Secondary Containment"
40	Part A, Definitions - Release Detection	Added	Added
41	Part A, Definitions - Release Prevention Barrier	Amended	Changed "Leak" to "Release" to be consistent with definitions.
42	Part A, Definitions - Remedial Action	Added	New - not previously defined
43	Part A, Definitions - Security Interest	Added	Commensurate with new legislation 2014
44	Part A, Definitions - Site Assessment	Added	New - not previously defined
45	Part A, Section 3.2.1.	Amended	Amended for referenced standards to be those in effect on the date of Promulgation, not the most recent edition or version in future publication.
46	Part A, Section 3.3.1.9.	Added	Added referenced standard API RP 2015, Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks
47	Part A, Section 3.3.1.10	Added	Added referenced standard API RP 2016, Guidelines and Procedures for Entering and Cleaning Petroleum Storage Tanks
48	Part A, Section 3.3.4.2.	Added	Added referenced standard NFPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages
49	Part A, Section 3.3.4.2.	Deleted	Deleted reference standard NFPA 303, Fire Protection Standard for Marinas and Boatyards: Not utilized in regulations
50	Part A, Section 3.3.8	Amended	ANSI Standards now ASME standards - names updated
51	Part A, Section 4.1.2	Added	Safety Data Sheet to be submitted with AST Registration Form

	A	B	C
52	Part A, Section 4.1.2/4.1.3	Added/Amended	Number changed from 4.1.2 to 4.1.3. Wording amended to delete "registration of ASTs shall be renewed annually by payment of registration fees", as some ASTs do not require payment of fees only registration.
53	Part A, Section 4.1.6.	Amended	Added additional activities to notification
54	Part A, Section 4.1.7	Added	Added requirement that O/O notify DNREC of completion date of Change in Service
55	Part A, Section 4.1.8.	Added	Requirement that Owners notify DNREC within 5 working days of the date of final completion of a new installation. DNREC will issue written approval to operate within 7 working days of final completion.
56	Part A, Section 4.1.10	Added	ASTs not subject to annual registration fee do not require annual renewal.
57	Part A, Section 4.3.2	Amended	Added "Empty" to Notification Requirements
58	Part A, Section 4.4.1	Amended	Deleted reference to transfer of ownership form & just use registration form.
59	Part A, Section 4.5.2.	Added	The initial AST registration fee will not be assessed until the calendar year following the year in which the New AST installation is completed
60	Part A, Section 4.5.3	Amended	added "Feb 1 of each year thereafter .. For clarification
61	Part A, Section 4.5.4	Amended	Table expanded to clarify registration fee schedule by tank size and substance stored
62	Part A, Section 4.5.5.	Amended	Clarify that registration fees are no longer assessed for Permanent Closure in Place or Removal or Permanent Change in Contents only after the O/O has complied with the applicable requirements in the Regulations and site assessment soil samples have been received by the Department.
63	Part A, Section 4.6.1.	Amended	Changed required prior notification from 10 days to 60 days for retrofit/upgrade work
64	Part A, Section 4.6.2.	Added	Added requirement that retrofit or upgrade may proceed after Dept approves
65	Part A, Section 4.6.3	Amended	4.6.2,4.6.3
66	Part A, Section 4.6.4	Added	Retrofit/Upgrade approval expires after one year if work has not commenced, instead of 60 days
67	Part A, Section 5.1	Amended	Clarified wording
68	Part A, Section 5.2	Amended	Clarified wording
69	Part A , Secction 5.3	Amended	The Department must provide a justification for denial, approval or approval with conditions of an alternative procedures request.
70	Part A, Section 5.4	Deleted	included in amendments to Part A , §5.3
71	Part A, Section 6.1.3	Added	Add authority to take photographs at a site visit
72	Part A, Section 7.2	Deleted	Moved to Part E
73	Part A, Section 8	Deleted	Moved to Part E
74	Part A, Section 9	Renumbered as Section 8	
75	Part A, Section 10	Renumbered as Section 9	Add Tank ID. Require all tanks > 250 gal. to have NFPA, name, ID, and Empty

	A	B	C
76	Part A, Section 9.1, 9.2, 9.3	Amended	Delete phrase "and containing diesel, Heating Fuel or kerosene because it limits the labeling only to these ASTs.
77	PART B		
78	Part B, Table of Contents Section 9	Amended	
79	Part B, Section 1.1.3	Amended	Changed "Leak" to "Release" to be consistent with definitions.
80	Part B, Section 1.7	Amended	A written request may be submitted requesting an extension of the one year approval for a new installation.
81	Part B, Section 1.9	Amended	Table expanded to clarify construction fee schedule by tank size and substance stored
82	Part B, Section 1.10.	Added	Added requirement that AST and all equipment be compatible with the substance stored.
83	Part B, Section 1.11.	Added	Set minimum distances from Public or Industrial wells for installation of new ASTs to mirror Div of Water Regulations
84	Part B, Section 1.12.	Added	Set minimum distances from Private wells for installation of new ASTs to mirror Div of Water Regulations
85	Part B, Section 2.4.3	Amended	Change "leak" to "release"
86	Part B, Section 2.9	Amended	Change "leak" to "release"
87	Part B, Section 2.12.	Amended	Changed requirement that metallic Field-Constructed ASTs installed after the effective date of these Regulations be inspected and tested in accordance with the design standard(s) under which the AST was constructed as applicable, instead of API 650.
88	Part B, Section 3.4.3	Amended	Change "leak" to "release"
89	Part B, Section 5.2.1.	Amended	Changed "Level 3" to a NACE Cathodic Protection Specialist Certification to be consistent with current terminology
90	Part B, Section 5.3.1.	Amended	Changed to :Cathodic Protection Systems shall be installed at the time of installation of a new metallic AST and shall be operational prior to the AST being placed into service. and operating within one year after installation.
91	Part B, Section 5.3.5	Amended	Clarified that testing must be done in accordance with Part C, Section 5, and deleted discussion of repair since they appear in Part C, Section 5.
92	Part B, Section 6.5.1.2.	Amended	Changed "Level 3" to a NACE Cathodic Protection Specialist Certification to be consistent with current terminology
93	Part B, Section 6.7.1.	Amended	clarified wording
94	Part B, Section 6.7.2.	Amended	clarified wording
95	Part B, Section 7.1.2	Amended	Change "leak" to "release"
96	Part B, Section 7.1.5	Amended	Change "leak" to "release"
97	Part B, Section 7.1.6 (moved from Part B, Section 8.1.5)	Added	Transfer areas from ASTs to vehicles must be equipped with spill containment capable of containing 110% of the volume of the largest compartment of the largest vehicle

	A	B	C
98	Part B, Section 7.2.1.3.	Amended	added to dike capacity "regardless of engineering controls or design"
99	Part B, Section 7.2.2.1	Amended	Change "leak" to "release"
100	Part B, Section 7.2.3.8	Amended	Change "leak" to "release"
101	Part B, Section 7.2.4.1.2	Amended	Change "leak" to "release"
102	Part B, Section 7.2.5.1.	Deleted	Section deleted. External liner now defined in Definitions section.
103	Part B, Section 7.2.5.1	Amended	Changed "lining materials" to defined term "External Liners"
104	Part B, Section 7.2.5.2	Amended	Changed "lining materials" to defined term "External Liners"
105	Part B, Section 8.1.2	Added	Clarification: statement that overfill equipment must be installed on all new ASTs
106	Part B, Section 8.1.3	Added	Clarification: statement that overfill equipment must be installed on all reactivated ASTs
107	Part B, Section 9	Amended	Change "leak" to "release"
108	Part B, Section 10.1.1.	Added	Added standard STI SP031 to repair standards. Standard not written at time of last regulation amendments.
109	Part B, Section 11	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
110	Part B, Section 11	Amended	Change "leak" to "release"
111	Part B, Section 11.1.5. and 11.1.6.	acceptable internal liner	Amended to define acceptable internal liner
112	Part B, Section 11.1.9	Added	Within 1 year of the new effective date of the Regulations, all ASTs, piping appurtenances and 2nd containment must be compatible with the substance stored.
113	Part B, Section 11.3.1	Amended	changed notification from 10 to 60 days
114	Part B, Section 11.3.2	Amended	changed notification from 10 to 60 days
115	Part B, Section 11.4.1	Amended	changed notification from 10 to 60 days
116	Part B, Section 11.4.2	Amended	changed notification from 10 to 60 days
117	Part B, Section 12	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
118	Part B, Section 13.1.1.	Amended	Clarified wording for activities that must take place when an AST is taken out of service for greater than 18 months
119	Part B, Section 13.1.2	Added	Added requirement that OOS AST that is not empty must be in compliance with the AST Regulations as applicable.
120	Part B, Section 13.1.3	Added	Added requirement that OOS AST that is empty is not required to do inspection, monitoring and testing while empty and OOS
121	Part B, Section 13.1.5.	Added	Added clarification that an AST that is OOS, empty and has had a site assessment performed is considered to be permanently closed.
122	Part B, Section 13.1.6	Added	Added clarification that an AS that is used only periodically, such as seasonal use, are not OOS, even when the tank is not storing RS.
123	Part B, Section 13.2.1	Deleted	
124	Part B, Section 13.2.1	Amended old 13.2.2	changed type of notification form
125	Part B, Section 13.2.2	Amended old 13.2.3	Empty and OOS ASTs must be tested and

	A	B	C
126	Part B, Section 13.2.3	Added	ASTs OOS before June 11, 2004 must comply with
128	Part B, Section 14 Title Heading	Amended	Changed Section to Site Assessment Requirements for Change in Service, Retrofit, Upgrade, Repair or maintenance. Deleted Removal, Relocation, Closure in Place as these are a "Change in Service"
129	Part B, Section 14.1.1	Amended	Deleted original wording. Simplified to a requirement that Owners and Operators must notify the Dept of any evidence of soil or groundwater contamination regardless of tank activity being performed, and comply with all corrective action requirements.
130	Part B, Section 14.2.	Amended	Changed Section to Site Assessment Requirements for Change in Service, Retrofit, Upgrade, Repair or maintenance. Deleted Removal, Relocation, Closure in Place as these are a "Change in Service"
131	Part B, Section 14.2.1.	Amended	Clarified that site assessment must be performed after any 'Change in Service" or when soil is excavated during retrofit, upgrade, repair or maintenance
132	Part B, Section 14.2.2.3	Deleted	Section was deleted and following sections are renumbered
133	Part B, Section 14.2.2.4	Added	Site Assessments shall be performed in accordance with AST Site Assessment Guidance or other approved procedures.
134	Part B, Section 14.2.3	Added	Site Assessment cannot be performed without prior written approval from the DNREC-TMS
135	Part B, Section 14.2.4	Added	Analytes must be selected based upon all Regulated Substances stored in the tank over its lifetime. Lab methods must be approved by the DNREC-TMS.
136	Part B, Section 14.2.5	Amended	Samples must be submitted to a lab that is certified to perform the required analyses.
137	Part B, Section 14.2.6	Amended	Samples must be obtained from locations with the highest suspected concentration of chemicals of concern.
138	Part B, Section 14.2.7	Amended original 14.2.6	Site assessment due within 90 days, instead of 30 days.
139	Part B, Section 15.3		Added : an AST which has met the requirements of §14 is no longer subject to registration fees.
140	Part B, Section 16.1.3	Amended	Clarified by adding words "Site Assessment"
141	Part B, Section 16.2	Amended	No changes in actions required to Permanently Close an AST; wording changed for ease of understanding
142	Part B, Section 16.3		Added a Section specifying what is required to return to service an AST which was Permanently Closed prior to the effective date of the AST Regs. I.E. It has to be treated as a New AST with payment of construction fee and submission of installation documentation and must meet new tank requirements.
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	A	B	C
144	PART C		
145	Part C, Section 1.1.1.1.	Amended	Measuring gauges must be capable of measuring the level in the AST over the <i>entire operating range</i> as opposed to the <i>full range</i> of the AST. The full range of the AST often cannot be measured, the operating range can.
146	Part C, Section 1.1.2	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
147	Part C, Section 1.1.2.2.	Amended	Change "leak" to "release"
148	Part C, Section 2.1.1	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
149	Part C, Section 3.1.2	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
150	Part C, Section 3.1.5.	Added	The gauge or measuring device required in Part B, section 8 must be calibrated, tested, operated and maintained in accordance with manufacturer's specifications.
151	Part C, Section 3.1.6.	Added	Manufacturer's instructions and performance claims for the measuring device or gauge must be retained for the life of the AST.
152	Part C, Section 3.1.7.	Added	If the manufacturer of the gauge or measuring device cannot be determined the gauge or measuring device must be calibrated to 1% of the volume of the AST.
153	Part C, Section 3.1.8.	Added	The overfill protection system must be calibrated, tested, operated and maintained in accordance with manufacturer's specifications.
154	Part C, Section 3.1.9	Added	Manufacturer's instructions and performance claims for the overfill protection system must be retained for the life of the AST.
155	Part C, Section 4.1.1		All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
156	Part C, Section 4.1.2.	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date. Options for testing piping in addition to API570 were added including "in accordance with manufacturer's specifications or a method approved in writing by the Department"
157	Part C, Section 4.1.8	Amended	Change "leaking" to "releasing"
158	Part C, Sections 5.1.3 and 5.1.4		All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
159	Pact C, Section 5.2.1.	Amended	Changed monitoring frequency of Impressed Current CP Systems from 63 days to 31 days and repairs to be made within 60 days.
160	Part C, Section 5.4.1	Amended	Changed NACE Level 3 corrosion specialist to NACE CP Specialist to be consistent with NACE

	A	B	C
161	Pact C, Section 5.4.2	Amended	Changed NACE Levels to CP Technician, Technologist or Specialist to be consistent with NACE
162	Part C, Section 6.1.1	Amended	Added "only one standard shall be applied"
163	Part C, Section 6.1.3 and 6.1.4	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
164	Part C, Section 6.1.8	Amended	Delete "Leak"
165	Part C, Section 6.2.2	Amended	Delete "Leak"
166	Part C, Section 6.2.3.5	Amended	Delete "Leak"
167	Part C, Section 6.2.6	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
168	Part C, Section 6.4.3	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
169	Part C, Section 6.4.6.	Amended	Alternative inspection intervals may be utilized only for ASTs with 110% secondary containment dikes and a continuous method of release detection. The interval between internal inspections cannot exceed 20 years.
170	Part C, Section 6,4.8	Added	Stipulates exactly what must be included in an internal inspection report.
171	Part C, Section 7.1.1	Amended	Shop-Fabricated ASTs can use API 653, or STI-SP00a or NACE RP0294 for inspection criteria. Added "only one standard shall be applied"
172	Part C, Section 7.1.3 and 7.1.4	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
173	Part C, Section 7.1.8	Amended	Delete "Leak"
174	Part C, Section 7.2.2	Amended	Delete "Leak"
175	Part C, Section 7.2.3.5	Amended	Delete "Leak"
176	Part C, Section 7.2.6	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
177	Part C, Section 7.3.2	Amended	External Inspection frequency shall not exceed 5 years.
178	Part C, Section 7.4.3	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
179	Part C, Section 7.4.8.	Added	Stipulates exactly what must be included in an internal inspection report.
180	Part C, Section 8.1.1.1	Amended	Added "only one standard shall be applied"
181	Part C, Section 8.1.1.6	Amended	Delete "Leak"
182	Part C, Section 8.1.2.2.3	Amended	Change "leak" to "release"
183	Part C, Section 8.1.4.2.2	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date
184	Part C, Section 8.1.5.2	Amended	Delete "Leak"
185	Part C, Section 8.1.5.3.5	Amended	Delete "Leak"
186	Part C, Section 8.1.5.6	Amended	All statements of "within x date of the effective date of the Regulations" changed to the actual calendar date

	A	B	C
187	Part C, Section 8.1.7.2.	Added	Stipulates exactly what must be included in an internal inspection report.
188	Part C, Section 9	Amended	Every section (8 total) were amended because Leak was replaced with Release.
189	PART D		
190	Part D, Section 2.1.2.	Amended	Changed wording from "annual basis" to "every 12 months" to clarify.
191	Part D, Section 2.1.4	Added	O/O must send copy of valid FR mechanism to the Dept within 30 days of confirmation of a release
192	Part D, Section 2.1.5	Added	No regulated substance may be placed in an AST without proof of valid FR
193	Part D, Section 16.1.2.	Amended	Requires the Owner or Operator to notify the Dept of cancellation of FR within 10 days.
194	Part D, Section 16.1.3	Added	When an Owner or Operator changes from one FR mechanism to another the Dept must receive the required documentation of the new FR mechanism within 10 days of the change.
195	Part D, Section 17.1.3.	Added	When an Owner or Operator fails to obtain alternative FR in the event of cancellation or nonrenewal the O/O must provide notice to the Dept.
196	Part D, Section 19	Amended	When Insurance is the FR mechanism it may be cancelled after a claim has been submitted, not when all CA is completed.
197	Part D, Form A, Alt 1, #13	Amended	Add wording inadvertently omitted
198	Part D, Form A, Alt II, #20	Amended	Add wording inadvertently omitted
199	Part D, Form B	Amended	Word "Delaware" deleted; error
200	Part D, Form B, #9	Amended	Title added to blank; inadvertently omitted
201	Part D, Form C and D	Added	The insurance company must notify DNREC of any cancellation or non-renewal of an AST policy.
202	Part D, Form G	Amended	removed language appropriate only to standby trust fund from trust fund form
203	Part E	Amended	Part E has been completely modified to be more complete and comprehensive. New Sections of Part E include an expanded section on Release reporting requirements, formerly found in Part A Section 8, as well as a new section on the management of Non-Aqueous Phase Liquids. Terminology has been updated in all Sections of Part E . The new version of Part E will do a better job of walking the reader through the requirements associated with a release.
204	Part F	Added	Commensurate with new legislation 2014

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