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## Texas Commission on Environmental Quality

### CHECKLIST WORKSHEET

#### PST INSTALLATION, UPGRADE & REPAIR INVESTIGATION

Reg Ent Name :

Date :

Add ID:

Investigator Name:

Item No	Description	Answer	Citations	Notes
	NOTIFICATION, LICENSING & GENERAL			
2	Was a construction notification form filed with the TCEQ 30 days prior to the construction activity?		334.6	
3	Was a 30-day waiver requested?		334.6(b)(4)	
4	Was 24 to 72 hour notice of start of construction activities provided to the TCEQ?		334.6(b)(2)(C)	
5	Was a licensed on-site supervisor present at the site at all times during the critical junctures of the installation/upgrade/repair?		334.401(a)	
6	Did the person or business entity undertaking the installation/uprade/repair of the UST system hold a UST contractor registration issued by the Commission?		334.401(b)	
	INSTALLATION - TANKS			
8	Did the procedures used in the installation of the UST system conform with the manufacturer's specifications?		334.46(f)(3)(A) 334.46(f)(2)(A)	
9	Did the procedures used in the installation of the UST system conform with accepted industry practices?		334.46(a)(1)	
10	Were the new USTs being installed properly bedded and backfilled?		334.46(a)(5)	
11	For USTs being installed in an area subject to high water tables and or flooding, were the tanks properly anchored?		334.46(b)(1)	
12	In regards to anchoring, were all metallic straps, cables, and hardware coated or wrapped with a suitable dielectric material?		334.46(b)(2)	
13	Were all new USTs being installed secondarily contained (double-walled or jacketed)?		334.45(d)(1)(E)(i)	
14	For jacketed and double-walled coated steel USTs, was the tank equipped with dielectric bushings?		334.45(b)(1)(D)(iv)	
15	Were all new USTs air tested prior to installation in accordance with the manufacturer's specifications?		334.46(d)(1)	
16	Did each separate tank field have the minimum number of 4 inch or greater observation wells?		334.45(e)(4)(B)	
17	Was the interstice of the installed UST equipped with a monitoring device (liquid sensing probe)?		334.45(d)(1)(E)(iii)	
	INSTALLATION - PIPING			
19	Were all new product lines being installed secondarily contained?		334.45(d)(1)(E)(i)	
20	Were sumps or manways installed at the ends of all product lines and were they tested for tightness at the time of installation?		334.45(d)(1)(E)(iv)	
21	Were the product lines installed with adequate clearance and with an 1/8 inch slope? If not, was it deemed acceptable based on the design?		334.46(c)	
22	For pressurized product lines, were emergency shutoff valves (aka shear/impact valves) installed at the base of each dispenser?		334.45(c)(3)(A)	
23	Were flex connectors installed at both ends of all pressurized rigid piping? (not applicable to flexible piping)		334.45(c)(3)(B)	

**CHECKLIST WORKSHEET**

**PST INSTALLATION, UPGRADE & REPAIR INVESTIGATION (Cont)**

24	Were all new product lines air tested at the time of installation in accordance with the manufacturer's specification?		334.46(d)(2)	
25	Were all tanks equipped with spill containment?		334.51(b)(2)(B)	
26	Were all tanks equipped with overfill prevention equipment?		334.51(b)(2)(C)	
27	Were all new sumps/manways equipped with liquid sensing probes within 2 inches of the bottom of the sump/manway?		334.45(d)(1)(E)(vi)	
28	If applicable, was Stage I equipment installed?		115.222	
	<b>UPGRADE &amp; REPAIR</b>			
30	For piping repairs or complete repiping in which more than 35% of the total original length of the existing line is being replaced, was the entire product line replaced with double-walled piping?		334.45(d)(1)(E)(ii)	
31	For any new dispenser as defined under 334.45(d)(1)(E)(v), was a containment sump installed under the dispenser?		334.45(d)(1)(E)(v)	
32	Was the upgrade/repair completed in accordance with the manufacturer's requirements? (ie...spill bucket, ATG, and STP replacements)		334.46(f)(2)(A) 334.46(f)(3)(A)	
	<b>EDWARDS AQUIFER</b>			
34	Is the installation over the Edwards Aquifer recharge or transition zone?			
35	If "yes", did the new UST system have tertiary containment?		213.5(d)(1)(B)	
36	Other Issue?			