

**Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division**  
P.O. Box 30033, Lansing, MI 48909

**FL/CL ABOVEGROUND STORAGE TANK INSPECTION CHECKLIST**

<b>INSTRUCTIONS:</b> The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the Region file and one for the Main Office file. All boxes shall be completed inserting N/A where non-applicable.	
FACILITY NAME	FACILITY ID NUMBER
CONTACT PERSON ON SITE	FACILITY TYPE

**FACILITY SECTION**

SECTION	CODE	VIO	PASS	SECTION	CODE	VIO	PASS
PA 207	PLANS SUBMITTED BEFORE INSTALLATION	A55		27.10	LOADING AND UNLOADING RISERS LABELED	A100	
6.8.1	WRITTEN EMERGENCY PLAN IN CASE OF FIRE OR RELEASE OF PRODUCT	A70		22.11	SECONDARY CONTAINMENT	A97	
27.7.1	NEW PIPING TESTED	A66		21.7.2.2	TANK YARD SECURED AT UNSUPERVISED OR ISOLATED SITES	A98	
27.6.2	PIPING SUPPORTS IN HIGH FIRE EXPOSURE AREA PROTECTED	A87		6.9.4	PROPERTY FREE OF COMBUSTIBLE MATERIAL	A99	
27.6.6.1	CONTAIN VALVES TO OPERATE SYSTEM	A68		28..3.1.2	BONDING PROVISIONS WHEN LOADING TANK VEHICLES WITH OPEN DOMES	A107	
27.6.4	PIPING PROTECTED AGAINST CORROSION	A69		22.8.1	EXTINGUISH SYSTEM (CLASS I OVER 50,000)	A102	
27.4.1	CONSTRUCTION OF PIPE, VALVES, ETC.	A105		21.6.1.1.	ESTABLISH FIRE PREVENTION AND CONTROL METHODS.	A94	
27.3.2	PIPING LIQUID TIGHT	A104		6.9.1	FIRE PROTECTION EQUIPMENT MAINTAINED	A95	
27.6.6.2	PUMP SHUT OFF VALVE	A93		6.5.2	SMOKING DESIGNATED AREA ONLY – IDENTIFIED	A113	
27.6.1	PIPING SUPPORTED AND PROTECTED	A86		7.3.2	ELECTRICAL EQUIPMENT CERTIFICATION	A90	
27.6.6.3	BACK CHECK AT UNLOADING CONNECTION	A84		FL/CL	MISCELLANEOUS FACILITY VIOLATION	A44	
28.9	BULK SITES, LOADING AND UNLOADINGS, SPILLS CONTAINED	A101		PA207	ANNUAL FEES PAID	A59	
28.4.1	LOADING AND UNLOADING RISER SEPARATION	A89					

**TANK SECTION**

21.5.2	NEW TANKS TESTED	A78		22.13.1	EACH CONNECTION AT TANK HAS INTERNAL OR EXTERNAL VALVE	A79	
21.8.1	EXISTING TANKS MAINTAINED (653 INSPECTED)	A67		21.7.1	OVERFILL SINGLE WALL TANKS – CLASS 1, OVER 1320 GALLONS ONLY	A115	
21.4.2.1.1	DESIGN AND CONSTRUCTION RECOGNIZED ENGINEERING STANDARDS	A106		22.11.4.5	OVERFILL PREVENTION – SECONDARY CONTAINMENT TANKS	A92	
21.4.3.1	NORMAL VENTING PRESENT ON TANK	A72		28.9	SPILL PROTECTION (FILL RISER)	A114	
21.4.3.3	NORMAL VENT ADEQUATE SIZE	A73		21.4.4	DROP TUBES IN FILL PIPES	A109	
21.4.3.8	NORMALLY CLOSED VENT (CLASS IA LIQUID)	A75		22.5.2.1	RESTS ON PROPER FOUNDATION	A80	
21.4.3.9	N/C OR FLAME ARRESTOR (CLASS IB AND IC)	A76		22.5.2.3	MATERIAL OF TANK SUPPORTS	A81	
22.7.1.1	EMERGENCY VENTING ON TANK	A74		22.5.2.4	SUPPORTS AND PILINGS FIRE RATED	A82	
27.8.1.1	LOCATION OF CLASS I VENTING	A77		21.7.2.1	SIGN OR LABELING PER NFPA 704 IDENTIFY HAZARD AND CAN BE SEEN	A103	
22.4.2.1	DISTANCE BETWEEN TANK SHELLS, PER TABLE, MINIMUM 3'	A111		22.13.2	TANK CONNECTION BELOW LIQUID LINE NOT NORMALLY USED SHALL BE PLUGGED	A116	
22.4.1.1	TANK LOCATION REF: BUILDINGS ETC.	A96		21.7.4.1	OUT-OF-SERVICE TANKS CLEANED ETC.	A108	
24.1.1	TANKS LOCATED INSIDE BUILDINGS	A110		FL/CL	MISCELLANEOUS TANK VIOLATION	A51	
22.15	TANKS SHALL BE PROTECTED FROM VEHICLE DAMAGE	A117					

CERTIFIED DECALS DATED AND APPLIED AS REQUIRED YES \_\_\_\_\_ NO \_\_\_\_\_ REASON NOT APPLIED \_\_\_\_\_

COMMENTS \_\_\_\_\_

INSPECTOR \_\_\_\_\_ DATE \_\_\_\_\_

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FACILITY NAME	FACILITY ID NUMBER
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SECTION		CODE	VIO	PASS
6.1	Dispenser violation	S10		
6.2.1.	Dispenser location (10 feet) & vehicle on premises	S27		
6.3.4.	Dispenser protected; damage/secured	S13		
9.2.5.4	Dispenser Operator Safety Signage	S9		
6.5.1	Dispenser Hose 18 feet or less	S14		
6.3.3	Pump only operate with handle remove/manually actuated.	S12		
6.5.2	Breakaway on hose / date current / class 1 and 2 only	S15		

SECTION		CODE	VIO	PASS
6.3.9.	Emergency valve installed	S18		
6.6.1.	Automatic self-closing nozzle / date current – Class 1 and 2	S21		
9.4.4.	Operating instructions posted	S25		
6.3.5.	Fuel Oil Disp. 20 feet from any motor fueling dispenser	S26		
6.2.3	Dispensers systems listed if used for Alcohol-Blended Fuels	S28		
6.3.6.1	Weekly exterior insp. of dispenser conducted and documented	S31		
6.3.6.2	Monthly insp. Of interior of dispenser and documented	S32		

**OPERATION and TANK SECTION when used for Motor Fueling**

SECTION		CODE	VIO	PASS
6.7	Emergency power disconnect	S93		
9.2.5.2	Fire extinguisher, 100 feet - (80BC)	S58		
4.2.2	Motor fueling separated from bulk operation	S2		
4.2.4	Solenoid valve when tank is higher than Dispenser	S3		
4.3.2.4	Tanks located per table 4.3.2.4	S4		
4.3.6.1	All tank openings above liquid level	S5		
4.3.6.2	Means on tank to determine liquid level	S6		
4.3.6.3	Overfill, Alarm at 90% shutoff at 98%	S7		

SECTION		CODE	VIO	PASS
4.3.6.4	Means provided to prevent siphon flow	S8		
4.3.6.5	Pressure relief for piping where liquid can be trapped	S45		
4.3.7.1	Tanks protected by 6' high	S46		
4.3.7.2	Tanks protected by guard posts	S47		
5.2.5	Fill pipes identified by color or labeling	S48		
9.2.1	Inventory control records for all tanks used for motor fueling	S51		
9.2.2.2	Non-protected tank, delivery separation 25' for Class 1, 15' Class 2 or 3	S52		
9.2.2.5	Product delivery using liquid tight connections only	S53		

**UNATTENDED SELF-SERVICE FACILITIES**

9.5.3	SIGNAGE FOR EMERGENCIES	S24		
9.5.2	OPERATING INSTRUCTIONS POSTED	S95		
6.7.2	EMERGENCY CONTROLS 20 to 100 FEET	S90		

9.5.5	EMERGENCY PHONE ON SITE	S97		
9.5.1	UNIQUE CARD ISSUED AND TRAINED, part of requirements by AHJ.	S98		
9.5.1	PRIOR APPROVAL BY AHJ	S99		

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