

Retail Facility Checklist
General Information

Company Name		Street Address		
Primary Contact	Tele:	City	State	Zip
1.	Dealer's EPA Establishment number:			
2.	Dealer's unique site/facility number:			
3.	Inspector will attach the bulk site map			
29.	NFPA 704-diamond signs are posted at the site and clearly visible to first responders			Y N NA
30.	A written security plan is on file. If yes, circle: D = DOT HM; O = Other			Y N D O

Facility - General

53.	The facility and surrounding area is neat and free of all debris	Y N
55.	Does the pesticide product storage facility prohibit eating, drinking, or smoking in operational areas?	Y N
56.	Spilled pesticide products that are not contaminated with materials that are incompatible with the product's labeled uses are field applied within labeled rates as part of a pesticide use plan	Y N
57.	Written documentation of the clean out procedure as well as verification and the results of the individual tank clean out operations, are kept on file	Y N NA

General Disclaimer: The purpose and intent of this document is to provide minimum standards and guidelines for evaluating the stewardship practices at a retail pesticide product storage facility. This document outlines the "fundamental principles" of product stewardship currently agreed upon by member companies of American Agronomic Stewardship Alliance and does not provide an inclusive list of all recommended or "best" practices.

This document should not be considered or relied upon as the sole basis or reference for evaluating safety or compliance at any particular facility and does not reflect all of the laws or regulations that local, state, or federal authorities may impose on facilities. The practices listed in this document are designed to complement, and should be implemented in conjunction with, applicable regulatory requirements. Since regulations can change overtime, it is the facility operator's responsibility to ensure that his or her facility complies with all current and applicable regulations.

This document is not meant to supersede or replace any FIFRA, EPA, DOT, OSHA or individual registrant requirements. Each registrant must provide guidelines and procedures specific to their authorized refill establishments for storage and handling of their bulk products.

American Agronomic Stewardship Alliance assumes no liability to any person or entity for any injury or damage, direct or consequential, which may be incurred from the use application of any of the standards, whether singly or in combination, by any particular facility. American Agronomic Stewardship Alliance assumes no responsibility for the unsuitability of any standards as a result of inconsistency with or changes in the law or otherwise.

Signature _____ Print Name _____ Date _____
(Facility Representative)

Signature _____ Print Name _____ Date _____
(Inspector)

Tank - General

5.	List the number for each tank present	Tank #	Tank #	Tank #	Tank #
6.	List the containment system number from the bulk site map				
8.	List the product manufacturer's name				
7.	List the product name as it appears on the label				
9.	Tank capacity (in gallons) (Note: all tanks must be measured and data recorded on the displacement sheet)				
10.	Tank configuration and type: H = Horizontal; F = Flat Bottom; C = Cone; D = Dish; O = Other (describe)	H F C D O	H F C D O	H F C D O	H F C D O
11.	Tank construction material; S304 =Stainless Steel 304; S316= Stainless Steel 316; C =Carbon Steel; P = Polyethylene; A=Aluminum; O=Other (describe)	S304 S316 C P A O_____	S304 S316 C P A O_____	S304 S316 C P A O_____	S304 S316 C P A O_____
12.	Tank age (Poly only)	___yrs	___yrs	___yrs	___yrs
14.	All vents on indoor tanks are vented to the outside?	Y N NA	Y N NA	Y N NA	Y N NA
15.	Pump motor size	hp	hp	hp	hp
16.	Type of fill port hose connection: C= 2 inch Male Camlock; D =Dry Break; O = Other_____	C D O	C D O	C D O	C D O
18.	Identify material of construction for any plumbing from the tank to the first valve: S= Stainless Steel; P= Poly; C= Carbon Steel (black iron) ; PVC= PVC; F= Flexible; NA= Not Plumbed (Note: There could be more than one answer for each tank)	S P C PVC F NA	S P C PVC F NA	S P C PVC F NA	S P C PVC F NA
21b.	Identify material of construction for any plumbing used from the first valve on: S= Stainless Steel; P= Poly; C= Carbon Steel (black iron); E= EPDM; CL= Cross-Link Poly Lined (AllChem); PVC= PVC; NA= Not Plumbed; O= Other (describe). (Note: There could be more than one answer for each tank)	S P C E CL PVC NA O_____	S P C E CL PVC NA O_____	S P C E CL PVC NA O_____	S P C E CL PVC NA O_____
19.	Loading and unloading lines are labeled with the product they are used for?	Y N	Y N	Y N	Y N
20.	Method(s) used to determine liquid level in the tank: E= Electronic monitor; I= Inventory Records; M= Tank Markings; D= Dipping; L= Level Monitor; C= Clock Gauge.	E I M D L C	E I M D L C	E I M D L C	E I M D L C
21.	Type of recirculation system: E = Side Eductors (indicate how many); OT = Over-the-Top (describe) ; NA= No Recirculation	E OT NA _____	E OT NA _____	E OT NA _____	E OT NA _____

Tank - General

		Tank #	Tank #	Tank #	Tank #
21a.	Identify material of construction for plumbing used for recirculation: S = Stainless Steel; P = Poly; C = Carbon Steel (black iron); E = EPDM; CL = Cross Link Poly Lined (All Chem); PVC = PVC; NA = Not Plumbed; O = Other (describe) (Note: There could be more than one answer for each tank).	S P C E CL PVC NA O _____	S P C E CL PVC NA O _____	S P C E CL PVC NA O _____	S P C E CL PVC NA O _____
24.	Tank code: N=None U=UL A=API	N U A	N U A	N U A	N U A
25.	Are the bulk system electrical components (switches, motors, lights, pump impellers) explosion proof?	Y N	Y N	Y N	Y N
26.	Desiccant system present and connected?	Y N	Y N	Y N	Y N
27.	N2 Blanket/Padding present?	Y N	Y N	Y N	Y N
28.	Can tank temperature be maintained at or above 40 F?	Y N	Y N	Y N	Y N

Tank - Required

31.	The tank is labeled which includes a product booklet	Y N	Y N	Y N	Y N
31a.	The tank is labeled with the net contents from the last delivery.	Y N	Y N	Y N	Y N
31b.	The correct EPA Establishment Number is affixed to the tank.	Y N	Y N	Y N	Y N
32.	The tank is free of visible stress cracks, punctures, corrosion, or defects and there are no signs of leakage	Y N	Y N	Y N	Y N
33.	The tank's profile is within the containment wall	Y N	Y N	Y N	Y N
33b.	The bulk pesticide tank within the containment unit is anchored or elevated to prevent flotation	Y N	Y N	Y N	Y N
34.	Type of vent used: P= Pressure Vacuum Relief Vent; E= Emergency Relief Vent; O= Open Vent; D= Vented to a desiccant; N= Not Vented (Note: There could be more than one answer for each tank)	P E O D N	P E O D N	P E O D N	P E O D N
35.	The dealer verifies that the tank vent has been checked within the last 12 months and is operational	Y N	Y N	Y N	Y N
36.	The tank's inlet/outlet valve is lockable stainless steel	Y N	Y N	Y N	Y N
22.	Valves on recirculation openings are lockable stainless steel	Y N NA	Y N NA	Y N NA	Y N NA

Tank - Required

		Tank #	Tank #	Tank #	Tank #
37.	The tank's inlet/outlet valve is closed and locked whenever the facility is unattended	Y N	Y N	Y N	Y N
38b.	The tank is free of an external sight gauge	Y N	Y N	Y N	Y N
39.	Pumps, meters, and plumbing are dedicated to each product or formulation: D= Dedicated; C= Common Manifold; NA= No Delivery System	D C NA	D C NA	D C NA	D C NA
40.	If a common manifold or shared system exists, there is a procedure in place to prevent cross-contamination. (Answer "NA" if a dedicated line is used).	Y N NA	Y N NA	Y N NA	Y N NA

Containment - Required

		Containment #1	Containment #2	Containment #3	Containment #4
4.	Measure inside dimensions of the secondary system and record on map. Don't fill in dimensions on this form. (Note: __ Check here & measure the building if containment is indoors & building is contained)	__FTx__FT x __FT	__FTx__FTx__FT	__FTx__Fx__FT	__FTx__FTx__FT
4a.	Size of largest pesticide tank in containment _____ (Note: Leave this question blank. The data base company will calculate and answer)				
43.	The containment area is: A= Indoors; B= Outdoors and Covered; C= Outdoors and Not Covered	A B C	A B C	A B C	A B C
42.	The tanks are within rigid liquid-tight secondary containment that has a capacity of at least 100 % (if indoors or outdoors and covered) or 110 % (if outdoors and <u>not</u> covered) of the volume of the largest stationary pesticide container plus the volume displaced by other containers and appurtenances within the containment unit. Some state standards may be more stringent. If so, those requirements would apply. (Note: Leave this question blank. The data base company will calculate and answer for the PCC capacity requirements)	Y N	Y N	Y N	Y N
44.	All drains, valves, and cracks in the containment are permanently sealed	Y N	Y N	Y N	Y N
45.	All pumps and meters are either within the containment wall or on a liquid-tight surface	Y N	Y N	Y N	Y N
46.	All pipes are within containment or routed over the containment wall	Y N	Y N	Y N	Y N
48.	If present, sump pumps are manually operated. (Answer "NA" if not present)	Y N NA	Y N NA	Y N NA	Y N NA
47.	All bulk product "storage" is within containment that is constructed of rigid materials such as poured concrete, steel, or sealed reinforced concrete block, is liquid-tight and compatible with the product(s) being stored and is properly maintained. (If "N", explain)	Y N	Y N	Y N	Y N
50.	All bulk product "dispensing areas" and "transfers" of bulk occur on or within properly maintained rigid containment that is liquid-tight and compatible with the product being dispensed or transferred. (If "N", explain)	Y N	Y N	Y N	Y N
52.	The containment for bulk product dispensing or transfers and has a minimum holding capacity of 750 gallons or 100 % of the capacity of the largest pesticide container or bulk product holding equipment used on the containment, whichever is less. (Note: Leave this question blank. The data base company will calculate and answer)				Y N

Bulk Tank Facility - General

49.	All bulk containers are in an area that has a lockable security fence around the facility, the containment unit or the bulk containers are in an enclosed, secured building	Y N
54.	If secondary containment is not under roof or covered, rainwater is captured from the containment area and collected for use in application blends or mixes	Y N NA
58.	Shower and eyewash equipment are present and operational	Y N

Portable Refillable Containers and Repackaging - Required		
59.	Portable Refillable Containers have a unique identity (dealer #, static serial # or other)	Y N
60.	Portable Refillable Containers containing product have a product label, Directions-for Use booklet, the filler's EPA Establishment Number and net contents listed. If No, circle the reason: L= label; B= Booklet; E= EPA Est. No.; C= Contents	Y N L B E C
61.	All bulk pesticide product dispensing areas and transfers of pesticide product occurs on or within properly maintained rigid containment that is liquid-tight and compatible with the product being dispensed or transferred.	Y N
66.	The containment for bulk product dispensing or transfers and has a minimum holding capacity of 750 gallons or 100 % of the capacity of the largest pesticide container or bulk product holding equipment used on the containment, whichever is less. (Note: Leave this question blank. The data base company will calculate and answer).	Y N
62.	Repackaging Agreements for all bulk products being repackaged are current, on file and available	Y N NA
63.	Current labels are available at the location for each product being repackaged	Y N
64.	A written procedure is in place to ensure that Portable Refillable Containers are cleaned according to the manufacturer's specifications prior to changing product or formulation	Y N NA
65a.	All Portable Refillable Containers are visually inspected before refilling.	Y N
65b.	All Portable Refillable Containers are equipped with an intact one-way valve and/or a tamper-evident device on each opening that's not a vent.	Y N
70.	All Portable Refillable Containers are visually free of chemical residue on the outside	Y N
71.	All Portable Refillable Containers are regularly inspected and they meet applicable DOT/EPA packaging and/or leak proofness requirements.	Y N
Portable Refillable Containers and Repackaging - General		
67.	All Portable Refillable Containers (full or empty) are placed or held in an area that would prohibit run-off into streams, ditches or well heads	Y N
68.	All filled Portable Refillable Containers are on or within containment while at the facility	Y N
69.	All Portable Refillable Containers are under cover when empty	Y N
72.	All Portable Refillable Containers and plumbing are completely cleaned after each season	Y N NA
Training - Required		
74.	Material Safety Data Sheets (MSDS) are available to employees and customers for chemical products used or sold by the facility	Y N
75.	A written emergency plan for the facility is available and current. This plan includes updated emergency contact and telephone information. Material and equipment are available at the facility to handle emergencies, such as spills, fires, and medical incidents	Y N
76.	Personal protective equipment is available to employees and employees are trained in its proper use	Y N
77.	An employee awareness training plan is in place to provide company policy, job-specific operations, evacuation, chemical-specific hazards, cross-contamination hazards and prevention and applicable emergency plan/response procedure information	Y N
Training - General		
78.	One or more employees at the facility receive an average of 20 hours/year of continuing education on product safety, agronomy, emergency response, regulatory compliance and other stewardship related areas	Y N

Packaged Storage - Required		
79.	No open drains. All existing floor drains are permanently plugged and sealed	Y N
80.	"No Smoking" signs are posted in the storage facility	Y N
81.	Floors are made of impervious material such as concrete or steel that are structurally sound, smooth finished and caulked on all cracks and saw joints	Y N
82.	Appropriate spill containment and recovery tools and supplies are available in a designated location	Y N
83.	If present, all flammable products (FP < 100 degrees F) are stored in a designated flammable storage area (Answer "NA" if not present)	Y N NA
84.	If repair shops with hot work activity are located inside the packaged pesticide storage building, a hot work program is in place	Y N NA
Packaged Storage - General		
85.	Pesticide products are stored on the ground floor and not in the basement or on the second story	Y N
86.	The entire packaged pesticide product storage area is contained	Y N
87.	All electrical wiring is in conduit	Y N
88.	Exterior construction is steel, cement, metal clad or other non-combustible material. Wood walls are not used, however if they are used, they are completely covered with metal or other noncombustible materials	Y N
89.	The office walls and ceiling are separated from the warehouse by cement block, concrete, or two layers of 5/8" sheet rock on the interior and external walls and ceiling. Fire rated doors are used for separation of offices from packaged pesticide products storage areas	Y N NA
90.	Audible smoke and/or heat detectors with an electric power source and a back up battery are in place and operational	Y N
91.	Fire alarm(s) are connected to the fire department fire phone or manned security system (if available)	Y N
92.	A fire inspection is conducted annually by the fire department and a written record of such inspection is maintained	Y N
93.	Pesticide products are stored in an area that is separated from animal feed and other foodstuff. Pesticide products are stored at a distance of at least 25' from such items or are separated by walls from the non-pesticide product storage	Y N NA
94.	Seed is segregated from chemical storage as much as is possible. For example, seed and chemicals are not placed on the same pallet and individual pallets of seed and chemicals do not touch each other.	Y N NA
95.	Two or more sets of protective equipment such as safety glasses, hard hats, safety shoes, respirators, body coverings (gloves, hoods, boots) are available and readily accessible. One set is stored outside the package storage area and is readily accessible	Y N
96.	Fire extinguishers have a minimum of 10# ABC. Fire extinguishers are strategically located in work areas so that the travel distance to the nearest fire extinguisher does not exceed 75'	Y N
97.	If present, flammable products (FP < 100 degrees F) are segregated or isolated at least 8' from nonflammable products (Answer "NA" if not present)	Y N NA
98.	The facility and surrounding area is neat and free of all debris	Y N
99.	Product that is damaged and/or leaking, is contained, placed into over pack containers, properly identified and segregated. Over pack containers are large enough to hold the largest container stored	Y N NA
100.	Empty pallet storage (outdoors) is located at a distance of at least 50' from the packaged pesticide product storage facility.	Y N NA