

**APHIS SAFETY INSPECTION CHECKLIST
Hazardous Chemical Storage,
Explosives Storage, and Waste Disposal**

USDA-APHIS

INSTRUCTIONS: Questions regarding specific standards may be directed to the Program Safety Manager, CDSHO or APHIS Safety Manager, at 4700 River Road, Unit 124, Riverdale, MD 20737-1228. Refer to the APHIS Safety and Health Manual for additional information.

NAME OF INSPECTOR

ADDRESS OF FACILITY INSPECTED

DATE OF INSPECTION

Complete all items ("X" one column). A "Not Applicable" (N/A) column is provided because all items and conditions may not apply to each area. Explain all "NO" responses in Section F - Corrective action

Complete all items ("X" one column). A "Not Applicable" (N/A) column is provided because all items and conditions may not apply to each area. Explain all "NO" responses in Section F - Corrective action

A. Hazardous Chemical Storage:				B. Explosives Storage:			
	YES	NO	N/A		YES	NO	N/A
1. Are flammable chemicals stored in specialized storage rooms or cabinets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. Are facilities where explosive materials are stored in compliance with the "American Table of Distances" from inhabited buildings, highways and passenger railways, and other magazines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is chemical compatibility considered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19. Are combustible materials and flammable liquids (including nitromethane) stored at least 50 feet from explosive magazines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is spark-proof electrical equipment provided in flammable storage rooms?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20. Are warning signs posted or verbal warnings given on approach to indoor magazines to ensure lighters, matches, open flames and other sources of ignition are kept at least 50 feet from explosives?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are chemical storage rooms ventilated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21. Is property upon which outdoor magazines are located posted with signs reading "Explosives-Keep Out"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are provisions made to prevent excessive heat or freezing of stored chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Is the area surrounding the storage facility clear of brush, debris and other combustible material for a distance of 25 feet?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Does an inventory system exist for chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. Are magazines constructed and secured with approved locks in accordance with ATF, OSHA, State and local requirements for classification(s) of explosive materials stored?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Are records kept on the shelf life of chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. Are all indoor magazines painted red and bearing white 3-inch lettering "Explosives - Keep Fire Away"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are chemical containers labeled properly and clearly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. Are magazine storage facilities kept clean, dry, and ventilated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Do emergency cleanup procedures exist for chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Are explosive materials stored in the appropriate magazine type in accordance with ATF, OSHA, and ADC requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Are adequate adsorptive materials and neutralizing agents available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27. Are inventories of explosive materials rotated so that the oldest explosives are used first?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Has the fire department been notified of any hazardous chemicals or pesticides stored at the location?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28. Is guidance provided to ensure employees never use explosive materials which appear deteriorated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Are aisles and emergency exit routes cleared?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. Before making repairs to a magazine, do employees always remove explosive materials from the magazine to a secure location 50 feet away?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Are material safety data sheets available for each chemical?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
14. Is safety training provided to employees who are required to handle hazardous chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
15. Is exposure monitoring performed where and when necessary?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
16. Do employees participate in the Occupational Medical Monitoring Program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

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B. Explosives Storage: (continued)				C. Hazardous Waste:			
	YES	NO	N/A		YES	NO	N/A
30. Are repairs to magazines and storage buildings, necessary to ensure magazines are weather, fire and theft resistant, made in a timely manner?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44. Are hazardous waste containers in good condition and free from leaks, spills or damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. Are explosive materials stored so as not to exceed storage conditions recommended in the MSDS for each material type (e.g. temperature)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Are the containers properly closed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32. For each building housing one or more indoor magazine, is the total weight of explosives stored (regardless of the number of magazines) kept to a maximum of 50 pounds?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46. Are hazardous wastes compatible with containers being used for storage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. Is the total quantity of ammonium nitrate stored at each facility maintained at less than 1,000 pounds?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47. Are incompatible hazardous wastes separated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34. Are detonators always stored in a magazine containing no other explosive materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48. Are spill containment supplies available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35. Are indoor magazines stored within 10 feet of an outside grade level exit door?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	49. Are employees trained in spill cleanup procedures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. Are all indoor magazines fitted with substantial wheels or casters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50. Are "Hazardous Waste Storage" signs posted ("Flammable, No Smoking," etc., if necessary)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37. Have the appropriate authorities (police/sheriff, fire marshal, local emergency planning committee) been notified of the type, quantity, and location of explosive materials stored at the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	51. Are containers properly labeled?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38. Is MSDS information available for all explosive components stored at the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	52. Are procedures written for disposal of waste materials, including hazardous chemicals, biological waste, and radioactive waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. Are the magazines at the storage facility inspected once every 7 days?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	53. Are employees properly trained on the disposal procedures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40. Is a certified WS Explosives Specialist assigned responsibility for this explosive storage facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	54. Are monthly records maintained of hazardous waste generation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41. Are explosives inventory records (WS Form 22) current?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	55. Is the waste collected, stored and disposed of in accordance with applicable regulations (e.g., 40 CFR Parts 261, 262 etc) ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42. Is an accurate physical inventory of all stored explosive materials conducted at least twice a year and reported on WS Form 22?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	56. Are programs in place to minimize waste, when possible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43. Are the daily inventory records for each magazine reconciled with the physical inventory records? (These conducted as part of this mandatory biannual APHIS Safety inspections for high hazard work sites.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. Personal Protective Equipment:			
					YES	NO	N/A
				57. Is the facility written hazard assessment up to date and certified (signed) by the Supervisor?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				58. Is the appropriate personal protective equipment available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				59. Are employees trained in the handling, use, and care of the equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				60. Are respirators stored in a convenient and sanitary location?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				61. Are respirators inspected routinely?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				62. Have employees who are required to wear respirators received medical approval as described in Section 6, chapter 2 of the APHIS Safety and Health manual?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E. Other (Enter items not listed in this checklist that are applicable to your section)

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F. Corrective Action

ITEM NO.	DEFICIENCIES IDENTIFIED	REQUIRED ACTIONS TO CORRECT DEFICIENCIES	ACCOMPLISHMENTS