

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

USDA-APHIS

INSTRUCTIONS: Questions regarding specific standards may be directed to the Collateral Duty Safety and Health Officer, the ADC Explosives Safety Committee, or to SHES, MSD, Unit 115, 4700 River Road, Riverdale, MD 20737-1228. Refer to the APHIS Safety and Health Manual, Chapter 2 and 10 for additional information.

NAME OF INSPECTOR	LOCATION OF FACILITY INSPECTED	DATE OF INSPECTION
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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."

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

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B. Explosives Storage: (continued)	YES	NO	N/A	C. Hazardous Waste:	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?				44. Are hazardous waste containers in good condition and free from leaks, spills, or damage?			
31. Are explosive materials stored so as not to exceed storage conditions recommended in the MSDS for each material type (e.g., temperature)?				45. Are the containers properly closed?			
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?				46. Are hazardous wastes compatible with containers being used for storage?			
33. Is the total quantity of ammonium nitrate stored at each facility maintained at less than 1,000 pounds?				47. Are incompatible hazardous wastes separated?			
34. Are detonators always stored in a magazine containing no other explosive materials?				48. Are spill containment supplies available?			
35. Are indoor magazines stored within 10 feet of an outside grade level exit door?				49. Are employees trained in spill cleanup procedures?			
36. Are all indoor magazines fitted with substantial wheels or casters?				50. Are "Hazardous Waste Storage" signs posted ("Flammable, No Smoking," etc., if necessary)?			
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?				51. Are containers properly labeled?			
38. Is MSDS information available for all explosive components stored at the site?				52. Are procedures written for disposal of waste materials, including hazardous chemicals, biological waste, and radioactive waste?			
39. Are the magazines at the storage facility inspected once every 7 days?				53. Are employees properly trained on the disposal procedures?			
40. Is a certified ADC Explosives Specialist assigned responsibility for this explosives storage facility?				54. Are monthly records maintained of hazardous waste generation?			
41. Are explosives inventory records (ADC Form 22) current?				55. Is the waste collected, stored and disposed of in accordance with applicable regulations (e.g., 40 CFR, Parts 261, 262, etc.)?			
42. Is an accurate physical inventory of all stored explosive materials conducted at least twice a year and reported on ADC Form 22?				56. Are programs in place to minimize waste, when possible?			
43. Are the daily inventory records for each magazine reconciled with the physical inventory records? (These physical inventories may be conducted as part of this mandatory bi-annual APHIS safety inspections for high hazard work sites - APHIS Form 256-5.)				D. Personal Protective Equipment:	YES	NO	N/A
				57. Is the facility written hazard assessment up to date and certified (signed) by the supervisor?			
				58. Is the appropriate personal protective equipment available?			
				59. Are employees trained in the handling, use, and care of the equipment?			
				60. Are respirators stored in a convenient and sanitary location?			
				61. Are respirators inspected routinely?			
				62. Have employees who are required to wear respirators received medical approval, as described in Chapter 11, Section 3 of the Safety and Health manual?			

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

F. Corrective Action

ITEM NO.	DEFICIENCIES IDENTIFIED	REQUIRED ACTIONS TO CORRECT DEFICIENCIES	ACCOMPLISHMENTS