

Completed By:

Location:

Date Completed:

Flammable and Combustible Liquids: Containers, Cabinets, and Rooms

Instructions: This checklist is intended to help you identify potential hazards in your workplace. The questions are based on applicable Federal OSHA standards. Keep in mind that additional state and local regulations may apply, depending upon your location. Please check one answer for each question. If you select “no,” you should investigate further to determine what corrective action may be needed to address the hazard. You can review the specific OSHA Standards outlined below at www.osha.gov/law-regs.html. Choose “General Industry” or “Construction.”

	Questions	OSHA Regulation	Yes	No	N/A
	Containers				
1)	Are adequate precautions taken to prevent the ignition of flammable vapors to include but not limited to open flame; lightning; smoking; cutting and welding; hot surfaces; frictional heat; static electrical; mechanical sparks and spontaneous ignition?	1910.106(e)(6)(i)			
2)	Are areas in which flammable or combustible liquids are transferred from one tank or container to another container separated from other operations in the building by adequate distance or by construction having adequate fire resistance?	1910.106(e)(2)(iii)			
3)	Are flammable liquids kept in covered containers when not in actual use?	1910.106(e)(2)(iv)(a)			
4)	Are means provided to dispose of leakage or spills where flammable or combustible liquids are used or handled?	1910.106(e)(2)(iv)(b)			
5)	Are open flames and smoking prohibited in flammable and combustible liquids storage areas?	1910.106(d)(7)(iii)			
6)	Are spills promptly and properly cleaned up?	1910.106(e)(9)(i)			
7)	Are storage areas protected against tampering and kept free of weeds, debris, and other combustible material not necessary to the storage?	1910.106(d)(6)(iv)			
8)	Does the employer ensure that water reactive materials are not stored in the same room with flammable and combustible liquids?	1910.106(d)(7)(iv)			

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Questions		OSHA Regulation	Yes	No	N/A
	Containers				
9)	Is a portable fire extinguisher located less than 10 feet from the door opening into any room or building used for storage?	1910.106(d)(7)(i)			
10)	Is the storage area graded in a manner to divert possible spills away from the building or other exposures or surrounded by a curb at least 6 inches high?	1910.106(d)(6)(iii)			
11)	Is there a clearly identified and easily accessible switch(es) or a circuit breaker(s) provided at a location remote from dispensing devices, including remote pumping systems, to shut off the power to all dispensing devices in the event of an emergency?	1910.106(g)(3)(iii)			
	Design, Construction, and Capacity of Storage Cabinets				
12)	Are all cabinets labeled in conspicuous lettering: "FLAMMABLE - KEEP FIRE AWAY"?	1910.106(d)(3)(ii)			
13)	Are metal cabinets constructed so that the top, sides, and door are at least No. 18 gauge sheet iron and double walled with 1-1/2 inch air space?	1910.106(d)(3)(ii)(a)			
14)	Are wooden cabinets constructed so that the bottom, sides, and top are of approved grade plywood at least 1 inch thick?	1910.106(d)(3)(ii)(b)			
15)	Is storage in cabinets restricted to not more than 60 gallons of Class 1, 2, or 3 flammable liquids and not more than 120 gallons of Category 4 flammable liquids?	1910.106(d)(3)(i)			
16)	Are the doors of metal cabinets provided with a three point lock and a sill raised at least 2 inches above the bottom of the cabinet?	1910.106(d)(3)(ii)(a)			
17)	Are portable fire extinguishers available at locations where flammable or combustible liquids are stored?	1910.106(d)(7)(i)			

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	Questions	OSHA Regulation	Yes	No	N/A
	Design, Construction, and Capacity of Storage Cabinets				
18)	Is the storage of flammable or combustible liquids prohibited in office areas except that required for maintenance and operation of building and operation of equipment?	1910.106(d)(5)(iii)			
19)	Is the storage of flammable or combustible liquids prohibited near exits, stairways, or areas normally used for the safe exit of people?	1910.106(d)(5)(i)			
	Design and Construction of Inside Storage Rooms				
20)	Are openings to other rooms or buildings from flammable/combustible liquids storage rooms provided with a noncombustible liquid-tight raised sill or ramp at least 4 inches in height?	1910.106(d)(4)(i)			
21)	Are openings to storage rooms provided with approved self-closing fire doors?	1910.106(d)(4)(i)			
22)	Does the ventilation system provide for a complete change of air within the room at least six times per hour?	1910.106(d)(4)(iv)			
23)	If a mechanical exhaust system is used, is the switch located outside of the door?	1910.106(d)(4)(iv)			
24)	Is every inside storage room provided with either a gravity or mechanical exhaust ventilation system?	1910.106(d)(4)(iv)			
25)	Is stacking of 30 gallon capacity containers prohibited?	1910.106(d)(4)(v)			
26)	Is the electrical wiring and equipment located inside the storage room designed to prevent possible ignition of any released flammable vapors?	1910.106(d)(4)(iii)			

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	Questions	OSHA Regulation	Yes	No	N/A
	Design and Construction of Inside Storage Rooms				
27)	Is the room liquid tight where the wall joins the floor?	1910.106(d)(4)(i)			
28)	Is there a 3 foot wide clearance in the aisle in every storage room?	1910.106(d)(4)(v)			

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