

## OSHA Compliance Checklist

### Flammable and Combustible Liquids (1910.106)

	O.K.	Action Needed
<b>General Requirements</b>		
1. Are all containers closed?		
2. Is material stored in <60 gallon containers?		
3. Is material stored in cabinets containing:		
a. Less than 120 gallons of flammable and combustible materials?		
b. Less than 60 gal. of flammable liquids?		
c. Is there more than 3 storage cabinets in the area?		
d. Are cabinets separated by at least 100 feet, if more than three are present in the same area?		
e. Is each cabinet marked with "Flammable - Keep Fire Away?"		
f. Is the cabinet vented to the outside?		
g. If the cabinet isn't vented, are all openings sealed with bungs?		
h. Is all storage away from exits, stairways, or other egress areas?		
4. Are flammable/combustible liquids excluded from being stored in office areas, except those needed for the building and/or equipment operation?		
5. Are flammable/combustibles stored in offices kept in closed metal containers in storage cabinets or closed storage rooms?		
6. In areas where flammable/combustible liquids are stored or used, is sufficient spill response equipment available to contain and cleanup the spill?		
<b>Metal Cabinets</b>		
1. Are the bottom, top, sides and door at least 18 gage steel?		
2. Are all walls and doors double walled, with at least 1.5" of air space?		
3. Are all joints tight (e.g. welded)?		
4. Is the door provided with a 3-point latch?		
5. Is the door sill raised at least 2 inches?		
<b>Wood Cabinets</b>		
1. Do the bottom, top and sides consist of exterior grade plywood and at least 1 inch thick?		
2. Are the joints rabbeted and fastened with wood screws in two directions?		
3. Are all hinges adequate?		
4. Does the cabinet have a raised sill or pan capable of holding at least 2 inches of spilled liquid?		
5. Are Class I liquids excluded from areas where ignition sources or open flames may be in the possible path of vapor travel?		
6. Are areas where flammable or combustible liquids are transferred from one tank or container to another separated from other operations in the building?		

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<b>Incidental Storage</b>		
1. Are all flammable or combustible liquids stored in tanks or closed containers when not in use?		
2. Are less than the following limits present in all areas:		
a. 25 gallons of Class IA liquids, or		
b. 120 gallons of Class IB, IC, II or III liquids in containers, or		
c. 660 gallons of Class IB, IC, II, or III liquids in a single tank?		
3. Are areas where flammable or combustible liquids are transferred from tanks or containers separated from other operations in the building by an adequate distance or construction having an adequate fire resistance?		
a. Is drainage or other means provided to prevent spills?		
b. Is adequate drainage provided?		
4. Are means provided to dispose promptly and safely of leakage or spills?		
5. Are open flames or other sources of ignition prevented from all areas in the potential path of vapor travel of Class I liquids?		
<b>Fire Control</b>		
1. Are portable fire extinguishers and control equipment provided in quantities and types as are needed for the special hazards of operations and storage?		
2. Is an adequate supply of water available for sprinkler or water spray systems?		
<b>Maintenance</b>		
1. Are all plant fire protection facilities periodically inspected, tested, and maintained to ensure they are in satisfactory operational condition?		
<b>Sources of Ignition</b>		
1. Are adequate precautions taken to prevent the ignition of flammable vapors?		
2. Are containers of Class I liquids and the dispensing nozzles electrically bonded and both grounded while transfers are being accomplished?		
3. Are all areas where flammable vapors may exist under abnormal conditions classified at least Class I, Division 2?		
<b>Housekeeping</b>		
1. Are all maintenance and operating practices in accordance with established procedures in NFPA 30?		
2. Are all spills promptly cleaned up?		
3. Are adequate aisles maintained for the unobstructed movement of personnel so that fire equipment may be brought up to any flammable or combustible liquid?		
4. Are all combustible wastes and residues kept to a minimum, stored in covered metal receptacles and disposed of daily?		

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<b>Design and Construction of Inside Storage Rooms</b>		
1. Are all sprinklers properly installed and regularly tested?		
2. Are all openings to other rooms provided with non combustibile sills at least 4 inches in height?		
3. Is the room liquid-tight where the walls meet the floor?		
4. Are all wooden shelves at least 1 inch thick?		
5. Does the storage meet the requirements of Table H-13 (attached)?		
6. Does the electrical wiring for the storage of Class I liquids meet NEC Class I Division 2 wiring requirements?		
7. Is either a gravity or mechanical exhaust system provided?		
a. Does the system provide at least 6 air changes per hour?		
b. Is the switch for the mechanical exhaust located outside the room?		
c. Are the ventilation and lighting systems operated by the same switch?		
8. If Class I liquids are <u>dispensed</u> within the room, is a pilot light installed adjacent to the light switch?		
9. If gravity ventilation is used, are both the fresh air intake and exhaust outlet from the room located on the outside of the building?		
10. Is at least one clear aisle provided in each storage room?		
a. Is it at least 3 feet wide?		
11. Are containers over 30 gallons not stacked one upon another?		
12. Is dispensing only accomplished using an approved pump or self-closing faucet only?		
<b>Egress</b>		
1. Are flammable/combustible liquids stored so that the access to exits, stairs and other means of egress are not blocked?		
2. Are offices prohibited from storing flammable/combustible liquids, save those necessary for building maintenance or equipment operations?		
a. Is material stored in such occupancies in a storage cabinet or safety can?		