



Flammable and Combustible Materials

Download additional self-inspection checklists at <http://engineering.tamu.edu/safety/>

Date _____
 Inspector _____
 Faculty/PI _____

Room No. _____
 Location _____
 Dept. _____

Items for evaluation	Yes	No	Comments	Action to be taken
Are combustible scrap, debris, and waste materials (oily rags, etc.) stored in covered metal receptacles and removed from the worksite promptly?				
Is proper storage practiced to minimize the risk of fire including spontaneous combustion?				
Are approved containers and tanks used for the storage and handling of flammable and combustible liquids?				
Are all connections on drums and combustible liquid piping, vapor and liquid tight?				
Are all flammable liquids kept in closed containers when not in use (e.g. parts cleaning tanks, pans, etc.)?				
Are bulk drums of flammable liquids grounded and bonded to containers during dispensing?				
Do storage rooms for flammable and combustible liquids have explosion-proof lights?				
Do storage rooms for flammable and combustible liquids have mechanical or gravity ventilation?				
Is liquefied petroleum gas stored, handled, and used in accordance with safe practices and standards?				
Are "NO SMOKING" signs posted on liquefied petroleum gas tanks?				
Are liquefied petroleum storage tanks guarded to prevent damage from vehicles?				

Items for evaluation	Yes	No	Comments	Action to be taken
Are all solvent wastes and flammable liquids kept in fire-resistant, covered containers until they are removed from the worksite?				
Is vacuuming used, whenever possible, rather than blowing or sweeping combustible dust?				
Are firm separators placed between containers of combustibles or flammables, when stacked one upon another, to assure their support and stability?				
Are fuel gas cylinders and oxygen cylinders separated by distance, and fire-resistant barriers, while in storage?				
<p>Are fire extinguishers selected and provided for the types of materials in areas where they are to be used?</p> <ul style="list-style-type: none"> -Class A Ordinary combustible material fires. -Class B Flammable liquid, gas or grease fires. -Class C Energized-electrical equipment fires. 				
Are appropriate fire extinguishers mounted within 75 feet of outside areas containing flammable liquids, and within 10 feet of any inside storage area for such materials?				
Are firm separators placed between containers of combustibles or flammables, when stacked one upon another, to assure their support and stability?				
Are extinguishers free from obstructions or blockage?				
Are all extinguishers serviced, maintained and tagged at intervals not to exceed one year?				
Are all extinguishers fully charged and in their designated places?				
Where sprinkler systems are permanently installed, are the nozzle heads so directed or arranged that water will not be sprayed into operating electrical switch boards and equipment?				
Are "NO SMOKING" signs posted, where appropriate, in areas where flammable or combustible materials are used or stored?				
Are safety cans used for dispensing flammable or combustible liquids at a point of use?				
Are all spills of flammable or combustible liquids cleaned up promptly?				
Are storage tanks adequately vented to prevent the development of excessive vacuum or pressure as a result of filling, emptying, or atmosphere temperature changes?				

Items for evaluation	Yes	No	Comments	Action to be taken
Are storage tanks equipped with emergency venting that will relieve excessive internal pressure caused by fire exposure?				
Are "NO SMOKING" rules enforced in areas involving storage and use of hazardous materials?				