

HS606

**Risk Management Checklist for  
Storage of DGs:  
Category: Flammable Liquid Cabinet (FLC)**



Checklist completed by: \_\_\_\_\_

<b>Building Name</b> :	
<b>School/Work Unit</b> :	
<b>Room Number</b> :	
<b>Contact Person</b> :	
<b>Date</b> :	

Standard Controls	Yes	No	Risk	Recommended Action
Are all FL cabinets in good physical condition?				
Are there any signs of damage, denting, rusting?				
Are all unventilated 250L cabinets situated at least 3m laterally away from sources of ignition?  <i>Ignition sources include naked flames, hot surfaces, power points and electrical equipment including fridges, freezers, ovens, vacuum pumps.</i>				
Are there ignition sources within 1m above the 250L cabinet? If yes, then hazard zone assessment is recommended. Refer to HS404.				
For cabinet storage <100L the hazard zone extends 0.3m in all directions from any opening. Are ignition sources excluded from this zone?				
Is the lighting sufficient to allow labels within the cabinet to be read?				
Are cabinets located such that they don't impede emergency egress? (ideally not less than 3m away from an exit).				
Does the cabinet have markings that indicate it is constructed to AS: 1940				
Does the marking include the dangerous goods class label and the maximum storage capacity?				
Are the doors self closing, close-fitting and held shut automatically by catches at 2 or more points?				
Is the inner base of the cabinet being maintained as a bund (i.e. not used for				

Standard Controls	Yes	No	Risk	Recommended Action
storage).				
Are all leakages directed to the lower compartment? (i.e. shelving porous)				
Is the storage kept at or below 250L per 250m <sup>2</sup> of floor space? <i>Greater quantities are permitted on ground floors</i>				
Is the storage of Dangerous Goods kept to below 250L per 10m radius from any one cabinet?				
Is the FLC reasonably separated from combustible material (eg. cardboard or paper)				
If the FLC is located against a wall that is common with another room, is the wall constructed of concrete or masonry material, from floor to ceiling and 3m on either side of the cabinet?				
If the FLC is ventilated, does it exhaust to an external location, away from ignition sources and public spaces?				
Is there a powder-type fire extinguisher located more than 3m, but not more than 10m from the FLC?				
Are substances that may become unstable (e.g. produce explosive peroxides) stored separately i.e. not stored in the flammable liquid cabinet.				