RISK ASSESSMENT

ACTIVITY: STORAGE AND USE OF HIGHLY FLAMMABLE LIQUIDS (HFL)

<table>
<thead>
<tr>
<th>Hazards Identified</th>
<th>Severity</th>
<th>Likelihood</th>
<th>Estimated risk rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire</td>
<td>Major</td>
<td>3 Certain</td>
<td>High, Medium or Low</td>
</tr>
<tr>
<td>Explosion</td>
<td>Slight</td>
<td>1 Seldom</td>
<td>Medium</td>
</tr>
</tbody>
</table>

Planning Procedures:

Prior to starting work with highly flammable liquids, quantities will be estimated to ensure that only minimum quantities are ordered.

A suitable fire resistant store will be provided for highly flammable liquids.

The store will be signed according to requirements of the Regulations.

Training:

Operatives using HFL will be given training. This will include the use of fire extinguishers.

Monitoring

- Ensure that storage facilities are adequate and are maintained to the specified standard.
- During inspections, check to ensure HFL is being used properly, that spillages are cleared up promptly and that the correct fire precautions are being taken.

Control Measures:

- HFL will be kept only in suitable containers. For petrol, this will be a marked plastic container of 5 litres maximum capacity.
- Containers used to store HFL will be marked accordingly to show HFL is present, with a flash point of less than 32° Celsius.
- Lids of containers will be secure.
- Where HFL vapour is foreseeable, no means of ignition will be present.
- Areas where HFL is stored or used will be kept clear of combustible material as far as practicable.
- Spillages will be mopped up immediately and materials removed to safe place.
- HFL will not be used for purposes, which are unauthorised, such as starting fires.