

# Petrol and Diesel

## Overview

This document covers the hazards created by different fuels and the precautions necessary.

### Petrol

- 1) Usually, only small plant (such as disc cutters and chainsaws) now run on petrol.
- 2) Petrol fumes are highly flammable – only refuel plant in well ventilated areas.
- 3) Do not store excessive quantities of petrol.
- 4) Petrol must only be stored in purpose- designed containers – 10 litres maximum (5 litres in a plastic container).
- 5) No smoking or other sources of ignition are allowed in areas where petrol is stored or decanted.

### Diesel

- 1) There are no storage restrictions for diesel fuel.
- 2) Protective gloves should be worn when handling diesel oil because skin contact can result in irritation.
- 3) As an oil, spilt diesel will cause a slip hazard on hard surfaces.
- 4) Diesel oil should be stored in metal cans, which should be kept in a lockable store.

### Liquefied Petroleum Gas (LPG)

- 1) LPG is used mainly as a fuel for small plant vehicles (such as dumpers and forklift trucks).
- 2) Cylinders are of special construction and designed to be mounted on their side.
- 3) Cylinder connectors and other unions have a left-hand thread.
- 4) Use the correct size spanner for tightening connections; hand-tight connections will leak.
- 5) LPG vapour is heavier than air; leaks will accumulate at floor level or in drains if not allowed to disperse.
- 6) LPG vapour is highly flammable and must be kept away from sources of heat, naked flames and sparks.
- 7) If LPG cylinders are being heated in a fire, evacuate the area.

### Fuel Storage

- 1) Storage areas must be secure, well ventilated and away from sources of ignition.

### Health and safety

Always make sure you're aware of the equipment on site that may use petrol. Taking the correct precautions when fuel is involved.

Make sure you're aware of the risks and the chance of an accident occurring can be reduced or eliminated.

[illegible]

# Petrol and Diesel

Feedback arising from Talk



Trinity  
Safety