

ENERGYBUILD LIMITED

ABERPERGWM COLLIERY, ENGINE COTTAGE SITE, GLYNNEATH, NEATH, SA11 5TY
TEL.01639 722400 FAX. 01639 729148
E-MAIL info@energybuild.co.uk

ABERPERGWM COLLIERY

SCHEME FOR THE STORAGE OF OILS AND CHEMICALS

GENERAL

Major vehicle maintenance will be carried out at off site workshops and only minor servicing work will normally be carried out on site.

Site vehicles will be replenished with fuel on a as required basis, the fuel being delivered daily, if needs be, by the supplier. Consequently only the minimum quantities of fuels and oils will be stored on site and it is not envisaged that any harmful chemicals or substances associated with the use of mobile, static plant or process applications will be stored on site.

It is intended that fuel will be delivered directly to a static tank facility there from used as required. The construction of the static tank and pollution control measures is described below. The Energybuild risk assessment and buying policies will serve to ensure that the least hazardous substances, in terms of general safety and environmental considerations, are procured for use at the site. The company Safety Engineer will be responsible for managing the buying policy.

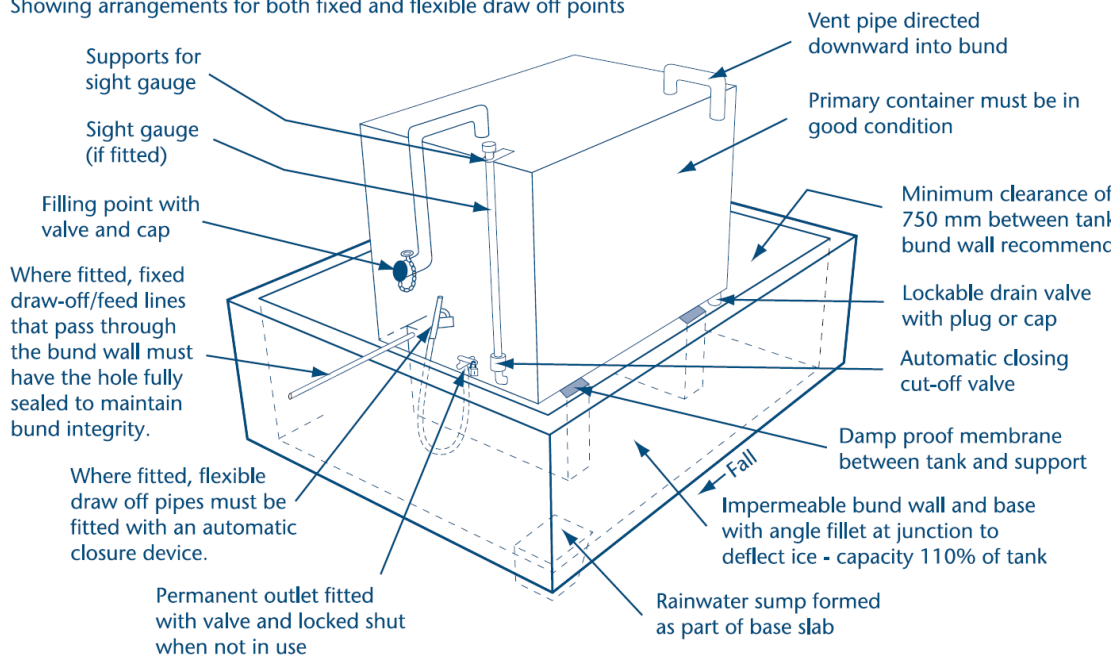
STORAGE FACILITIES

Static Tanks

Operating facilities for the storage of oils, fuels and chemicals will be sited on an impervious base which will be surrounded by impervious bund walls. The volume of the bunded compound will be at least equivalent to the capacity of the tank plus 10%. All filling points, vents, gauges and sight glasses will be located within the bund. The drainage system from the bund will be sealed with no discharge to any watercourse, land or underground strata. All associated pipework will be located above ground and protected from accidental damage. The filling points and overflow pipe outlet will be directed to discharge downwards into the bund.

Figure 1 Open bunded oil tank

Showing arrangements for both fixed and flexible draw off points



Mobile Bowsers

Mobile fuel bowsers will be of a double skin design. All flexible pipes, taps and valves will be fitted with locks where they leave the container. The delivery nozzle will be fitted with a valve which closes automatically when not in use, it will also be provided with a facility to lock the valve also when it is not in use.

Deliveries

All deliveries of bulk fuel oil will be carefully supervised on every occasion to ensure that tanks are not overfilled. The transfer of fuel will only take place within the bunded storage compound

GENERAL MAINTENANCE

The facilities for the storage of oils and chemicals will be inspected on a daily basis. All bulk containers and enclosures bunds will be examined for integrity, leaks and security. A report of the results of the inspection will be recorded in the site report book. Any defect found will be corrected immediately.

WATER TREATMENT INSTALLATIONS

All water treatment lagoons will have oil separation devices fitted to their outlets. All lagoons will be examined for contamination on a daily basis, a record of the examination will be maintained within the site log book. Any contamination within the lagoons will be evacuated by means of suction

tanker undertaken by an approved and licensed waste disposal contractor and disposed of in the approved manner.

DEALING WITH SPILLAGES

All static dispensers will be fitted with drip trays. Adequate spill kits will be provided at strategic locations in relation to high risk activities associated with the operation. All employees will be given adequate information and training to enable them to respond efficiently to any spill situation.

Any spill which may have the potential of causing a pollution incident will be reported immediately to the Environment Agency

WASTE MANAGEMENT

Waste oils, filters, and any contaminated materials are transported to a leak proof receptacle in specially constructed leak proof containers. The materials are subsequently disposed of by an approved and licensed contractor in the propriety manner. Documentation of the disposal transaction is maintained at the mine office.

SECURITY

All taps valves and dispenser nozzles associated with the transfer of fuel and oils will be kept locked at all times when not in use.

Delivered and used volumes will be closely monitored for deficiencies which may indicate leakages or bad practices.

The site will be monitored by 24hour seven day a week by site security personnel.

The site in its entirety is monitored by CCTV cameras, the cameras are monitored continuously by mine control room personnel.

All intruder sensitive areas of the site are illuminated during the hours of darkness.

All vehicles will be parked within a secure area when the site is not operational.

