



GENERAL REQUIREMENTS FOR **ABOVE GROUND TANK** **INSTALLATION** **FIRE SAFETY SECTION**

Plans to be submitted to this Department for installation of tank and all fittings.

No fuel dispensing unit or storage tank shall be situated less than 3.5 meters from any lateral boundary or street boundary of any site except where there is a boundary wall and such wall has a fire resistance of at least 120 minutes, is not less than 1,8meters in height and extends not less than 2meters on each side of such pump or tank.

Bund wall and brick saddles to have a fire rating of at least four hours (200mm solid brick; 150mm reinforced concrete).

Bund wall to be at least 450mm high.

Bund wall to be at least 500mm from side of tank.

Floor of banded area to be of impervious solid concrete sloping to one end.

Banded area to be kept clear of all combustibles.

Drain valve to be fitted at lower end to enable rain water to be drained to outside of banded area.

Volume of banded area to be at least 110% of volume of tank.

Provide 1 x 9kg dry chemical type fire extinguisher at pump.

Provide symbolic “**NO SMOKING**” signs at pump.

Provide suitable switch located in readily accessible position remote from the pump, for shutting off the power to any pump in case of emergency.

Provide a notice above the “**MASTER CIRCUIT BREAKER**” in 60mm letters in both official languages to read “**EMERGENCY – PUMP SWITCHES**” in black letters on a yellow background.

Installation to be registered with this Department, permit to be obtained for the installation and to be renewed annually.

Siting of tank

Avoid low-lying areas that are vulnerable to flooding.

Tank to be located so as not to be exposed to mechanical damage, interference, or excessive heat, and, in the event of a fuel spillage the fuel cannot reach any heated surface.

Tank not to be closer than 3m from any opening in any building.

NO TANK IS ALLOWED IN ANY BUILDING.