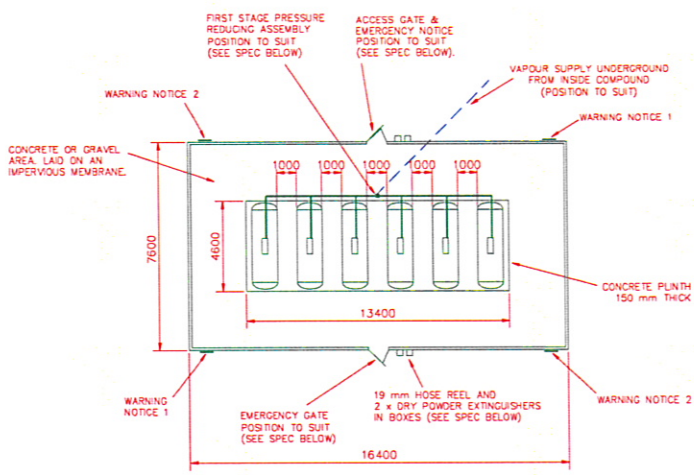
DRG. No.
14605

ALTERATIONS

B UPDATED IN ACCORDANCE WITH HS/G34 REDRAWN ON C.A.D. J.V. 7-4-88

C NEW BORDER ADDED. HS/G34 REPLACED WITH LPGA COP 1 M.L. 19-02-00



SPECIFICATION.

TANK:
WATER CAPACITY 4500 LITRES MAX, PROPANE CAPACITY 3920 LITRES MAX.

CIVIL WORK:
THE AREA BENEATH TANKS TO BE CONCRETED AND SLOPED TO PREVENT EITHER THE ACCUMULATION OF ANY LIQUID BENEATH THEM OR ITS FLOW AFFECTING OTHER TANKS OR IMPORTANT AREAS. IT SHOULD BE FREE FROM PITS AND DEPRESSIONS THUS PREVENTING ANY FORMATION OF GAS POCKETS. ALL MATERIALS USED MUST WITHSTAND A MINIMUM OF 2 HOURS FIRE RESISTANCE.

THE SURROUNDING AREA WITHIN 6 METRES OF THE TANK IS TO BE FREE FROM WEEDS, LONG GRASS AND ANY OTHER COMBUSTIBLE MATERIAL.

COMPOUND FENCING:
INDUSTRIAL TYPE, i.e. CHAIN LINK FENCING (SEE LPGA COP 1 FOR SPECIFICATION).
MINIMUM HEIGHT 1800 mm
ENTRANCE GATES TO BE NON SELF LOCKING AND SHOULD NOT BE ADJACENT TO EACH OTHER. GATES TO OPEN OUTWARDS.
FENCING IS NOT REQUIRED IF TANKS ARE ADEQUATELY PROTECTED, i.e. THE AREA COMES WITHIN A GREATER FENCED AREA OR IS OTHERWISE ISOLATED FROM THE PUBLIC.

MINIMUM SAFETY DISTANCES:
7.5 M FROM BUILDING/PROPERTY LINE OR FIXED POINT OF IGNITION TO TANK.
1.5 M FROM TANK TO COMPOUND FENCE
1.0 M BETWEEN TANKS.
1.0 M FROM TANK TO SCREEN (OUTSIDE COMPOUND).

FIREWALL:
A FIRE WALL MAY REPLACE ONE SIDE OF THE FENCING. THE WALL SHOULD BE IMPERFORATE AND OF SOLID MASONARY CONCRETE OR SIMILAR CONSTRUCTION. MINIMUM HEIGHT 2000 mm.
FOR DISTANCE BETWEEN FIREWALL AND TANKS SEE DRG. No. 14732/1

SCREENING:
EVERGREEN SHRUBS MAY BE USED TO SCREEN THE COMPOUND ON ONE SIDE ONLY BUT SHOULD NOT BE USED AS AN INTEGRAL PART OF THE SECURITY FENCE.

ELECTRICAL:
EARTHING TAGS SHOULD BE FITTED TO TANKS. TANKS TO BE EARTHED.
EARTHING AND BONDING TO COMPLY WITH INSTITUTE OF PETROLEUM MODEL CODE OF PRACTICE.

WATER SUPPLY:
AN ADEQUATE SUPPLY OF WATER MUST BE AVAILABLE AT ALL TIMES.
MINIMUM RATE OF SUPPLY IS 11410 LITRES FOR 60 MINUTES PER TANK, i.e. 190 LITRES/MIN.
SOURCE OF SUPPLY NOT FURTHER THAN 100 METRES FROM THE TANK COMPOUND.
SEE LPGA COP 1 FOR FULL SPECIFICATION OF HOSES AND EXTINGUISHERS REQUIRED.
i.e. DOMESTIC INSTALLATIONS THEY ARE NOT REQUIRED.
SMALL COMMERCIAL INSTALLATIONS DRY POWDER EXTINGUISHERS ARE NOT REQUIRED.

NOTICES:
WARNING 1 :- "NO SMOKING NO NAKED LIGHTS"
WARNING 2 :- "L.P.G. HIGHLY FLAMMABLE"
EMERGENCY :- "EMERGENCY SERVICE CALOR METERED ESTATE"
NOTICE SIZES :- 300 mm x 400 mm.

NOTE FOR HOUSING ESTATES AND UNCONTROLLED ACCESS BY THE PUBLIC USE DRAWING No 14624/1

DATE 13-02-87

DRAWN J.B.

TRACED

CHECKED

SCALE

DRG. SIZE A3

ISSUE C

USED ON	MATERIAL	FINISH

REFERENCES	UNLESS OTHERWISE STATED:- ALL DIMENSIONS IN MILLIMETRES. TOLERANCES LINEAR ± 0.25 CONCENTRICITY 0.15 mm T.I.R. ANGULAR ±1° REMOVE ALL BURRS & SHARP EDGES MACHINED SURFACES 3.2 ALL STANDARDS ARE TO LATEST ISSUE.	STANDARD COMPOUND DETAILS FOR SIX 4000 LITRE VESSELS SIDE BY SIDE

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CALOR GAS
Athena Drive Warwick CV34 6RL

DRG. No.
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