



1. 50 m3 M3 (25 tons) ABOVE GROUND LPG STORAGE TANK TECHNICAL DETAILS

BRAND	AHS
TANK TYPE	HorizontalCylindrical
PROJECT CODE	AD-2000 / PED97 /23/EC
DESIGN TEMPERATURE	Min -20°C / max +50°C
DESIGN PRESURE	17,5 bar
TEST PRESURE	26,5 bar
MATERIAL	P355 GH
BODY THICKNESS	10 mm
HEAD CAP THICKNESS	12 mm
BODY LENGTH	10.500 mm
TOTAL LENGHT	11.800 mm
HEAD TYPE	Elipsoidal
COROSION	1 mm
TANK VOLUME	50.000 lt
EQUIPMENTTANKSOVER	Technical Drawing
Blastingand Painting	SA 2.5the quality ofthe exterior of the tanks hot blasted, epoxy primer after sanding the surfaces with shop primer is to be implemented and the TANK will be painted with suitable paint for underground and above ground.
Control(Inspectionand Tests)	Control Costs AHS 'to belong to a hydro static tank to be tested and the test certificate by THIRD PARTY will be given an independen tinspection body. •Hydro static pressure test •Size Control •Control and Certification of Materials •examine the accounts and control of the project
CERTIFICATION	ISO 9001-2008, EN 1090-2, TS EN ISO 3834-2 OHSAS 18001.2014
WELDINGMETHOD	All welders are certified according to EN287-1:2004 standard. Submerged arc welding and full penetration will be made by welders certification. All junctions will open the mouth of the source standards. EN ISO14171 Welding filler material stobe appropriate. Weldingon the tank: • Body and Camber Welding: SAWSAW+SMAW • Nozzle Welding: GTAW, or SMAW • Other Welding: GTAW, or SMAW
HEAT TREATMENT	Heads apply only relieving stress.