



THAI METAL PRODUCT INDUSTRY CO.,LTD.

47/8, 47/10 หมู่ 1 ตำบลราษฎร์นิยม อำเภอไทรน้อย จังหวัดนนทบุรี 11150

โทร. 0-2985-5544 มือถือ. 08-6303-9169, 08-6304-3993 แฟกซ์.0-2985-5995

www.thaimetal.co.th E-mail : thaimetal@gmail.com

Under Ground Storage Tank Size 5 – 10 T





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Catalog

LPG Under Ground Storage Tank

DESIGN SPECIFICATION			
DESIGN CODE	: ASME SECTION VIII DIV. 1 2004 EDITION		
DESIGN PRESSURE INTERNAL	: 17.6 Kg./cm. ²	@	343 °C
DESIGN PRESSURE EXTERNAL	: - Kg./cm. ²	@	30 °C
OPERATING PRESSURE	: - Kg./cm. ²	@	- °C
HYDROSTATIC TEST PRESSURE	: 26.4 Kg./cm. ²	@	30 °C
MAX. ALLOWABLE WORKING PRESSURE (MAWP)	: 17.6 Kg./cm. ²		
MIN. DESIGN METAL TEMPERATURE (MDMT)	: -28.889 °C		
IMPACT TEST :	NO [UG-20(f)]	RADIOGRAPH SHELL :	FULL
		HEAD :	FULL
CORROSION ALLOWANCE :	0.5 mm.	POSTWELD HEAT TREATMENT (PWHT) :	NO [UCS-56]
JOINT EFFICIENCY :	HEAD 1.0	WEIGHT :	EMPTY Kgs.
	SHELL CIRC. 1.0	TEST :	Kgs.
	SHELL LONG. 1.0	OPERATING :	Kgs.
HEAD TYPE :	HEMI SPHERICAL	INSULATION :	NO
MATERIAL SPECIFICATION			
SHELL / HEAD	JIS G3115 SPV355	GASKET	VALQUA #1500
FLANGE	A-105	BOLT/NUT	A-193-B7/A-194/2H
NOZZLE NECK	A-106-B	SADDLE	SS 400
COUPLINGS	A-105	OTHERS	SS 400
SURFACE PREPARATION			
INTERIOR :		EXTERIOR :	
SANDBLAST	-	SANBLAST	Sa 2.5
PRIMER COAT	-	PRIMER COAT	-
INTERMEDIATE COAT	-	INTERMEDIATE COAT	-
TOP COAT	-	TOP COAT	BLACK COLOR COATAR EPOXY 82 @150 µm

LPG Under Ground Storage Tank										
SIZE	VOLUME (Lites)	Dimension (mm.)								
		A (ID)	B	C	D	E	F	G (PCD)	H	WEIGHT (kg.)
4.3 Ton.	8,948	1,745	1,610	4,330	1,100	1,800	2,200	1,450	1,986.5	2,527
5 Ton.	9,991	1,745	1,610	4,767	1,100	1,800	2,200	1,350	1,986.5	2,884
10 Ton.	19,925	1,745	1,610	8,923	1,100	1,800	6,260	1,350	1,986.5	6,289

