



TECHNICAL PARAMETERS

STANDARD	ISO4706	
FILLING MEDIUM	LPG	
AMBIENT TEMPERATURE	Deg.C	-40~60
SERVICE	bar	20
LARGEST FILLING QUALITY	KG	20
WATER CAPACITY	L	48
OUTTER DIAMETER	mm	300
NOMINAL THICKNESS	mm	2.5
HYDROSTATIC TEST PRESSURE	bar	30

SPECIFICATION
 CYLINDER : 20KG. LPG. CYLINDER
 CYLINDER MATERIAL : GB6653 STEEL GRADE HP295 OR EQUIVALENT.
 PROTECT GUARD : GB/T699 20# STEEL.
 COLLAR/FOOTING : GB/T700 Q235 STEEL.
 WELDING PROCESS
 -CIRCUMFERENTIAL : AUTOMATIC GAS METAL ARC WELDING, SHIELDING CO2+Ar.
 -SPUD/BUNG : AUTOMATIC GAS METAL ARC WELDING, SHIELDING CO2+Ar.
 -COLLAR/FOOTING : AUTOMATIC GAS METAL ARC WELDING, SHIELDING CO2+Ar.
 HEAT TREATMENT : STRESS RELIEVED AT 650±20°;
 SURFACE TREATMENT : ABRASIVE BLASTING WITH CLEANING Sa2.5 CLASS.
 PAINTING
 - PAINTING : ONE COAT POWER PAINT 40 MICRONS.
 CYLINDER COLOUR :
 VALVE THREAD : 3/4"-14NGT.

Cylinder material machanical property

Category	Ro(Mpa)	Rg(Mpa)	A(%)
HP295	≥295	440~560	≥20

Cylinder material chemical component

Category	C	Si	Mn	P	S
HP295	≤0.18	≤0.10	≤1.00	≤0.025	≤0.015

NO.	DRW/STD NO	DESCRIPTION	QTY	MATERIAL	UNIT	TOTAL WEIGHT (KG)	REMARKS
5		CYLINDER SHELL	1	HP295			
4		VALVE SEAT	1	20#			
3		FOOT RING	1	Q235			
2		PROTECT GUARD	1	Q235			
1		UP/DOWN HEAD	2	HP295			

DESIGN: Zhong Ye	CHECKED: Leo Zhang	APPROVED: Ying Peng
TITLE: LPG CYLINDERS-48L(20KG)		SCALE: 1 : 4
DRAWING NO: LPG CYLINDERS-48L-00		REV-00
		DATE: 2019/08/02