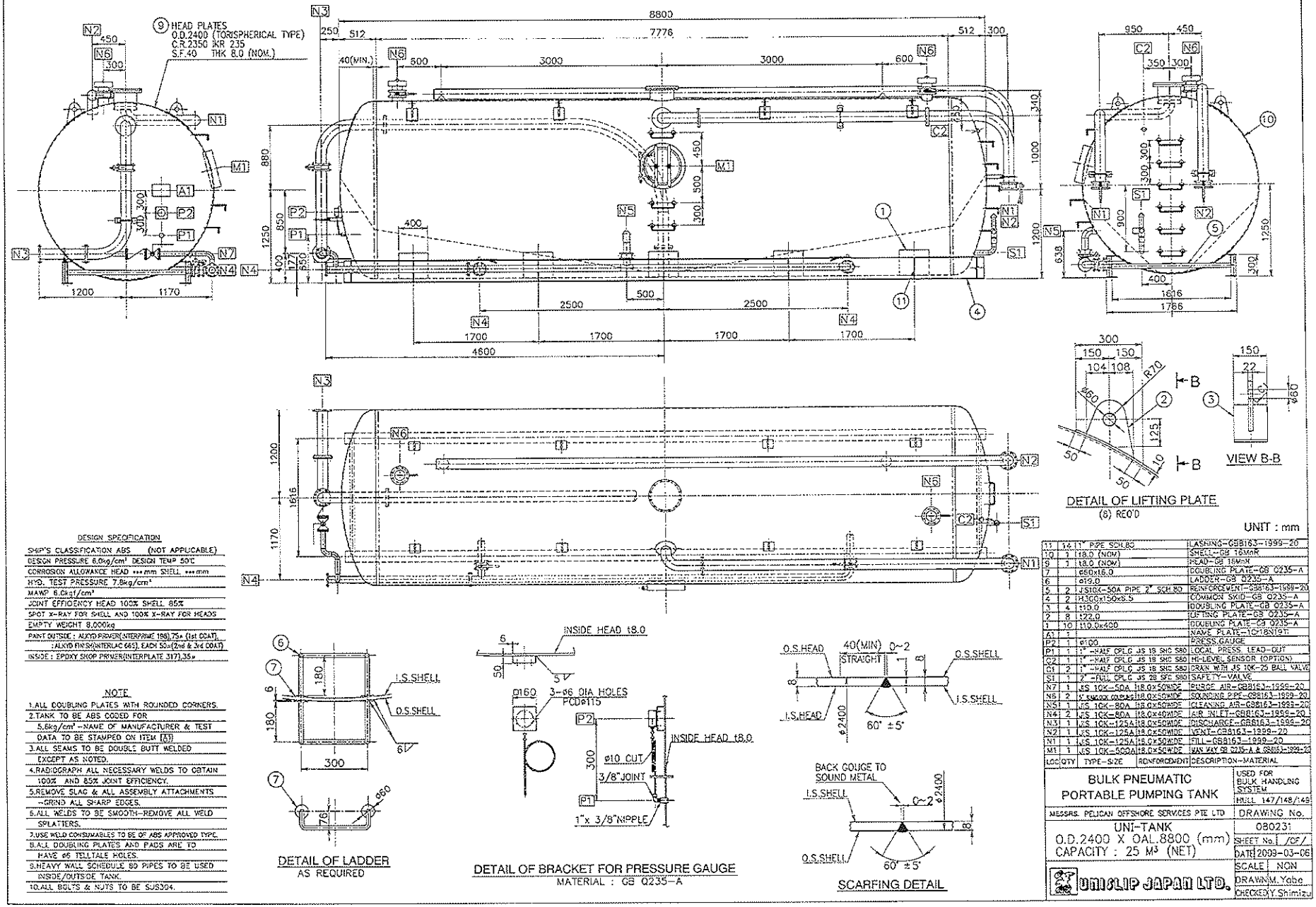

DESIGN SPECIFICATION

SHIP'S CLASSIFICATION ABS	(NOT APPLICABLE)
DESIGN PRESSURE 6.0kg/cm²	DESIGN TEMP 50℃
CORROSION ALLOWANCE HEAD ••• mm	SHELL ••• mm
HYD. TEST PRESSURE 7.8kg/cm²	
MAWP 6.0kgf/cm²	
JOINT EFFICIENCY HEAD 100%	SHELL 85%
SPOT X-RAY FOR SHELL AND 100% X-RAY FOR HEADS	
EMPTY WEIGHT 8,000kg	
PAINT OUTSIDE : ALKYD PRIMER(INTERPRIME 198),75u (1st COAT), : ALKYD FINISH(INTERLAC 665), EACH 50u(2nd & 3rd COAT)	
INSIDE : EPOXY SHOP PRIMER(INTERPLATE 317),35u	

NOTE

1. ALL DOUBLING PLATES WITH ROUNDED CORNERS.
2. TANK TO BE ABS CODED FOR 5.6kg/cm² -NAME OF MANUFACTURER & TEST DATA TO BE STAMPED ON ITEM (A1)
3. ALL SEAMS TO BE DOUBLE BUTT WELDED EXCEPT AS NOTED.
4. RADIOGRAPH ALL NECESSARY WELDS TO OBTAIN 100% AND 85% JOINT EFFICIENCY.
5. REMOVE SLAG & ALL ASSEMBLY ATTACHMENTS -GRIND ALL SHARP EDGES.
6. ALL WELDS TO BE SMOOTH-REMOVE ALL WELD SPLATTERS.
7. USE WELD CONSUMABLES TO BE OF ABS APPROVED TYPE.
8. ALL DOUBLING PLATES AND PADS ARE TO HAVE ø6 TELLTALE HOLES.
9. HEAVY WALL SCHEDULE 80 PIPES TO BE USED INSIDE/OUTSIDE TANK.
10. ALL BOLTS & NUTS TO BE SUS304.

LOC	QTY	TYPE-SIZE	REINFORCEMENT	DESCRIPTION-MATERIAL
11	14	11" PIPE SCH.80		LASHING-GB8163-1999-20
10	1	t8.0 (NOM)		SHELL-GB 16MnR
9	1	t8.0 (NOM)		HEAD-GB 16MnR
7		650x16.0		DOUBLING PLATE-GB Q235-A
6		ø19.0		LADDER-GB Q235-A
5	2	JIS10K-50A PIPE 2" SCH.80		REINFORCEMENT-GB8163-1999-20
4	2	H300x150x6.5x9		COMMON SKID-GB Q235-A
3	4	t10.0		DOUBLING PLATE-GB Q235-A
2	8	t22.0		LIFTING PLATE-GB Q235-A
1	10	t10.0x400		DOUBLING PLATE-GB Q235-A
A1	1			NAME PLATE-1Cr18Ni9Ti
P2	1	ø100		PRESS.GAUGE
P1	1	1" -HALF CPLG JIS 1B SHC 580		LOCAL PRESS. LEAD-OUT
Q2	1	1" -HALF CPLG JIS 1B SHC 580		HI-LEVEL SENSOR (OPTION)
Q1	2	1" -HALF CPLG JIS 1B SHC 580		DRAIN WITH JIS 10K-25 BALL VALVE
S1	1	2" -FULL CPLG JIS 2B SFC 580		SAFETY-VALVE
N7	1	JIS 10K-50A	t8.0x50WIDE	SURGE AIR-GB8163-1999-20
N5	2	4" SMOOTH ODBA	t8.0x50WIDE	SOUNDING PIPE-GB8163-1999-20
N5	1	JIS 10K-80A	t8.0x50WIDE	CLEANING AIR-GB8163-1999-20
N4	2	JIS 10K-80A	t8.0x40WIDE	AIR INLET-GB8163-1999-20
N3	1	JIS 10K-125A	t8.0x50WIDE	DISCHARGE-GB8163-1999-20
N2	1	JIS 10K-125A	t8.0x50WIDE	VENT-GB8163-1999-20
N1	1	JIS 10K-125A	t8.0x50WIDE	FILL-GB8163-1999-20
M1	1	JIS 10K-80DA	t8.0x50WIDE	MAN WAY GB Q235-A & GB8163-1999-20

BULK PNEUMATIC PORTABLE PUMPING TANK	USED FOR BULK HANDLING SYSTEM
	HULL 147/148/149
MESSRS. PELICAN OFFSHORE SERVICES PTE LTD	DRAWING No.
UNI-TANK O.D.2400 X OAL.8800 (mm) CAPACITY : 25 M³ (NET)	080231
	SHEET No. / OF /
	DATE 2003-03-06
UNISLIP JAPAN LTD.	SCALE NON
	DRAWN M.Yabe
	CHECKED Y.Shimizu