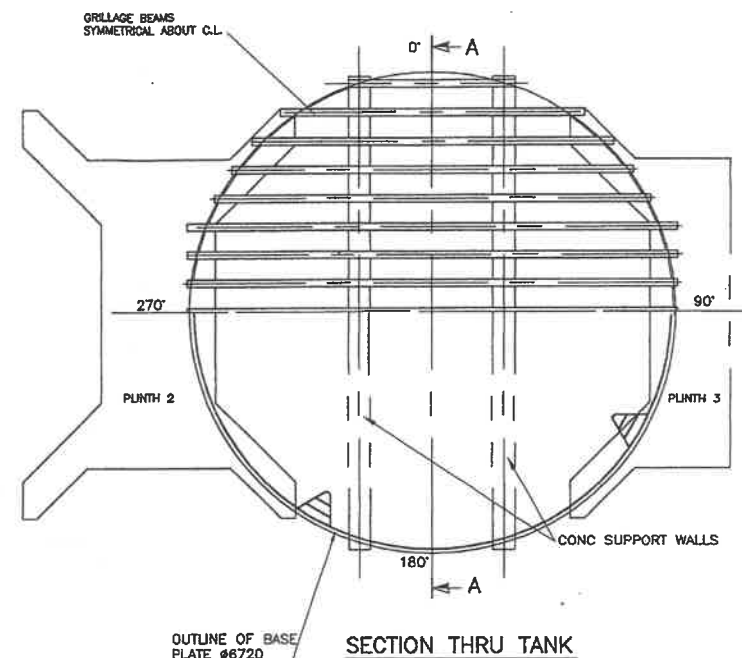


13			14			15			16		
M2	1	600x800	-	API 650	FF	INSPECTION HOLE COVER IN P.P.		200			
M1	1	750	-	DN2576	FF	MANHOLE WITH DAWT		151			
N10	1	200NB	-	-	-	SPARE C/W RUB/L BLIND FLG GASKET, BOLTS & NUTS		200			
N8	1	200NB	XS	150#	WNFF	DRAIN		367			
N8	1	200NB	XS	150#	WNFF	TEMPERATURE		200			
N7	1	400NB	XS	150#	WNFF	VENT		200			
N6	1	150NB	XS	150#	WNFF	LEVEL SWITCH		150			
N5	1	100NB	XS	150#	WNFF	DEFOAMER		150			
N4	1	-	-	-	-	AGITATOR HOLE 2200 x 2200		-			
N3	1	100NB	XS	150#	WNFF	H2SO4 INLET		200			
N2	1	SPECIAL	-	-	FF	SLURRY OUTLET 1210 x 1110		344			
N1	1	SPECIAL	-	-	FF	SLURRY INLET 1400 x 1000		344			
MARK	QTY.	SIZE	SCH.	RATG.	FLG TYP	DESCRIPTION					

NOZZLE SCHEDULE			
TECHNICAL DATA			
VESSEL No.	CLIENT	352.900.TK	CONSANI P1034
INSPECTION No.			
INSPECTION AUTHORITY			
CODE OF DESIGN & FABRICATION	API 650 10th. EDITION, 1998, APP I.		
DESIGN PRESSURE	-12mm WC		
DESIGN TEMPERATURE	90°C max.		
JOINT EFFICIENCY	SHELL	0.85	HEAD --
TEST PRESSURE IN VAPOR SPACE	N/A		
CORROSION ALLOWANCE	NIL		
RADIOGRAPHY	AS PER API 650 PARA 6.1.2		
HEAT TREATMENT	N/A		
DYE PENETRANT EXAMINATION	SEE QCP		
S.G. OF CONTENTS	1850 kg/m ³		
DESIGN LIQUID LEVELS	7990		
TOTAL VOLUME	273,4m ³		
FABRICATED WEIGHT	20394 kg		
OPERATING WEIGHT	526098 kg		
WEIGHT FULL OF WATER	293747 kg		

ADDITIONAL NOTES
1 CARBON BRICK LINING 63mm ON BOTTOM,
UP THE SHELL & AROUND MANHOLE

[illegible]

SURFACE PREPARATION:

- 1). ALL EXTERIOR SURFACES TO BE PREPARED AND PAINTED IN ACCORDANCE WITH SPECIFICATION SS-000000 G-0003-MC004.
- 2). FINISHING PAINT COATINGS TO BE DONE BY CONSANI AFTER RUBBER LINING.
- 3). INTERNAL SURFACES TO BE LEFT AS BARE STEEL.
- 4). INTERNAL WELDS TO BE PREPARED & RUBBER LINED TO DIN 28051 & DIN 28053

NOTES:

- 1). FITTINGS TO BE LOCATED AS SHOWN ON GENERAL AND ORIENTATION PLAN. NOZZLE BOLT HOLES TO STRADDLE VERTICAL AND HORIZONTAL CENTER LINES.
- 2). ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED OTHERWISE.
- 3). LEAVE TELL TALE HOLES OPEN IN REINFORCING PLATES AFTER AIR TEST, & FILLED WITH GREASE.
- 4). ELEVATIONS ARE GIVEN FROM TOP SIDE OF TANK BOTTOM PLT.
- 5). FLANGES TO BE IN ACCORDANCE WITH ANSI B16.5, OR B16.47 SERIES B
- 6). FLANGE FACE FINISH 6.3-12.7 MICRONS TO BE PROTECTED AGAINST DAMAGE WITH 300grm PLYWOOD, FASTENED WITH 2 BOLTS OR CABLE TIES.

MATERIAL SPECIFICATION

- 1) BOTTOM PLATE: SABS 1431 GRD 300WA
- 2) SHELL PLATE: SABS 1431 GRD 300WA
- 3) ROOF PLATE: SABS 1431 GRD 300WA
- 4) REINFORCING PLATES: SABS 1431 GRD 300WA
- 5) STRUCTURAL SECTIONS: SABS 1431GRD 300WA
- 6) PIPES: ASTM A106 GRB
- 7) FORGINGS: ASTM A105
- 8) FITTINGS: ASTM A234 GR WPB
- 9) BOLTS/STUDS: ASTM A193 G B B7
- 10) NUTS: ASTM A194 GR 2H
- 11) GASKETS: EPDM FULL FACE
- 12) C/IPS/LUGS: SABS 1431 GRD 300WA

 **CONSANI PETROCHEMICAL (PTY) LTD**
Cnr. Dekema & Niemann Roads,
Brivato, Rm. Y035, Wadeville, Germiston
Tel. 824-7450
Fax 824-7455

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CLIENT -SULPHOS
PROJECT-INDIAN OCEAN FERTILIZER (PTY) LTD
ITEM -DIGESTION TANK
TAG No -352.900.TK
TITLE -GENERAL ARRANGEMENT

SCALE	1:50 etc.	DRAWING NUMBER				REV
DRAWN	H. WILSON..	3333-1034-D-01				D
CHECKED	E.BRANDES					
DATE	11/11/2000	W/ORDER	ITEM	TYPE	SEQ.	

HE

12/07/03

SCANNED

SCALE 1/75 etc.		DRAWING NUMBER				REV
DRAWN H.WILSON..		3333-1034-D-04				C
CHECKED E.BRANDS						
DATE 6/11/2000	W/ORDER	ITEM	TYPE	SEQ.		
12	14	15		16		