



MATERIAL SPECIFICATION

N DIN17441 W1.4401 C<=0.03% - 1985 EDITION

PARTS LIST

No.	QTY	MAT	COMM. No.	DESCRIPTION	DIMENSIONS	REFERENCE
1	4	N	60150	SHELL PLATE	PL 4.6x1498x4980	
2	1	N	60150	SHELL PLATE	PL 4.6x149.3x4980 [x 4.6x1498x4980]	

SHELL PLATE MINIMUM MECHANICAL PROPERTIES

0.2% PROOF STRESS @ 130°C > = 230 MPa
 1.0% PROOF STRESS @ 20°C > = 325 MPa
 1.0% PROOF STRESS @ 130°C > = 260 MPa

U.T.S. @ 20°C > = 590 MPa
 ELONGATION @ 20°C > = 48%
 U.T.S. x ELONGATION > = 30 000

QUANTITIES GIVEN ARE FOR 1-OFF T.C.
 50-OFF T.C. IN CONTRACT



CONSANI ENGINEERING (PTY) LTD
 ELSIES RIVER, CAPE TEL. 592-3400
 SOUTH AFRICA FAX. 591-2825

INTERMODAL CONTAINERS
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 CAD: 24422064

25 000 LITRE HO3 TANK CONTAINER
 BARREL LAYOUT

CLIENT	SCALE	DRAWING NUMBER	REVISION
OCI	1:25	2442-01-2064	0
WORKS ORDER	2442	CHECKED DATE	13/02/02

REVISION E				REVISION D				REVISION C				REVISION B				REVISION A				DRAWING APPROVAL			
AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGNATURE	DATE	
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REQ'D TOL	NOMINAL DIMENSIONS (SHORT SIDE OF TRIANGLE)								NOMINAL DIMENSIONS											
	DEGREES & MINUTES				MM/M				ABOVE				ABOVE							
	0	315	1000	0	315	1000	0	120	315	1000	2000	4000	8000	0	120	315	1000	2000	4000	8000
A	± 20'	± 15'	± 10'	± 6'	± 4.5'	± 3'	± 1'	± 1'	± 2'	± 3'	± 4'	± 4'	± 6'	± 4'	± 7'	± 9'	± 12'	± 16'	± 21'	± 27'
B	± 45'	± 30'	± 20'	± 13'	± 9'	± 6'	± 2'	± 2'	± 3'	± 4'	± 6'	± 8'	± 10'	± 4'	± 6'	± 8'	± 11'	± 14'	± 18'	± 23'
C	± 1°	± 45'	± 30'	± 18'	± 13'	± 9'	± 3'	± 4'	± 6'	± 8'	± 11'	± 14'	± 18'	± 4'	± 7'	± 9'	± 12'	± 16'	± 21'	± 27'
D	± 1°30'	± 1°15'	± 1°	± 26'	± 22'	± 18'	± 4'	± 7'	± 9'	± 12'	± 16'	± 21'	± 27'	± 4'	± 7'	± 9'	± 12'	± 16'	± 21'	± 27'

DIN 8570 PART 1 FROM 0-30 TOLERANCE ± 1 DIN 8570 PART 3