

- 1- (6) SIX VESSELS REQ'D. PER PROJECT (VESSEL TAG # 206VC 501H COMPLETED FIRST, & FINISH W/ 206VC 501M
2- ASME STAMP & NAT'L BD. NO. REQ'D. / CRN TO ALBERTA CANADA
3- ~~USE DEFERRED TESTS A1BH1, A14DH-2, A1DHI-1, 511H-1, 114H1, APPLY.~~
~~PRODUCTION IMPACT TESTS: 1-TEST TO REPRESENT CIRC. + LONG SEAMS FOR VESSELS 206VC 501M + 501N~~
~~PRODUCTION IMPACT TESTS: 1-TEST TO REPRESENT CIRC. + LONG SEAMS FOR VESSELS 206VC 501K + 501P~~
~~PRODUCTION IMPACT TESTS: 1-TEST TO REPRESENT CIRC. + LONG SEAMS FOR VESSELS 206VC 501M + 501N~~

REPLACE W/ SHIP -
COVER PLT.
HYDRO/SHIP -
HYDRO/SHIP -
HYDRO TEST
SHIPPING -

- INTERIOR: GRISELBLAST PER 88FC-8P6
INSTALL 20 LBS. OF DESSICANT, PLACED INSIDE TOP BASKET.
APPLY WARNING TAG TO EXT. TO REMOVE PRIOR TO START-UP.
- 5- EXTERIOR: (INCL 8KIRT IN/OUT) GRISELBLAST PER 88FC-8P6 & APPLY
(1) COAT OF 3/16" ZINC CLAD II @ 3-5 MDET (U.S. FED. STD. 595B COLOR # 25630 LT. GRAY)
- ☆ PLATE SURFACES SHALL BE BLAST CLEAN TO 88FC-8P6 PRIOR TO ROLLING OR FORMING
BLAST CLEANING ATMOSPHERE TO BE A MIN. OF 50°F & MAX. RELATIVE HUMIDITY OF 10%
NOTE: BLASTED SURFACES SHALL BE COATED WITHIN 8 HOURS OF CLEANING
- BEFORE PAINTING THE VESSEL TAG NO. SHALL BE STAMPED INTO THE EDGE OF THE
NOZZLE N2 COVER FLANGE, (3/16" HI-LTRS LOW STRESS STAMPS)
- ☆ AFTER PAINTING STENCIL THE SAME TAG NO. IN 2" HI-LTRS ON THE OUTSIDE FACE OF COVER & 8KIRT ACCESS COVER
- STENCIL ON BTM. SHELL COURSE IN (2) PLC. 180° APART IN 6"-HI LTRS. "DO NOT WELD ON VESSEL-- F.W.H.T."
- 6- THE INSIDE SURFACE OF BTM. NOZZLE PIPING SHALL BE BLASTED
TO 88FC-8P6 PRIOR TO INSTALLING BOTTOM DISTRIBUTOR.
- 7- INSULATION SHALL BE SUPPLIED AND INSTALLED IN 3" OF ELECTRIC HEAT TRACED INSUL. FOR BTM.
HEADS SHALL BE 2" THK. HEAT CONSERVATION INSUL. FOR ENTIRE SHELL & TOP HEAD TO BE 2" THK.
- 8- FLANGE GASK. SURFACE SHALL HAVE A MAXIMUM 125 AARH FINISH W/ CONCENTRIC SER.
- 9- CERTIFIED MATERIALS REPORTS ARE REQUIRED FOR ALL MATERIAL.
REPORTS MUST INDICATE THAT THREE COMPLETE CYCLES OF PUHT WERE OBTAINED (HD/SHELL/FOG)
- 10- ALL VESSEL INT. LONG. SEAMS SHALL BE GROUND FLUSH, ALL NOZZLE INT. / EXT.
WELD SHALL BE GROUND FLUSH, ALL INT. T-JOINTS SHALL BE GROUND FLUSH
(AN AREA 3" EITHER SIDE OF JOINT W/ 3:1 TAPER TO SMOOTH PORTION OF CIRC. SEAM
REMAINDER OF CIRC. SEAMS SHALL GROUND SMOOTH.
- 11- REFER TO DETAILS FOR SEAM CONTOUR. CONTOUR OF WELD CAP SHALL MERGE
SMOOTHLY INTO BASE METAL WITH NO SHARP CHANGE
- 12- EACH SHELL COURSE SHALL BE CHECKED FOR QUALITY IN 3 LOCATIONS PRIOR TO WELDING SHELL
COURSES OR HEADS TOGETHER MEASUREMENTS NOT TO EXCEED U.O.P. STD. ALLOW. (10.4% OF NOM. DIA.)
- 13- PEAKING SHALL BE CHECKED AT 3 LOCATIONS PER SHELL COURSE (EA. END & CTR.) & ALONG
ENTIRE LENGTH OF LONG WELD SEAM LIMITED TO 1/8" MAX. SEE UOP TOL. E6-210
- 14- VESSEL TOLERANCES PER CUSTOMER SPEC. E6-210
- 15- HEADS & SHELL PLATE SHALL HAVE MAT. ID INFO STENCILED (NOT STAMPED) ONTO MATERIAL.
REQUIRED NDE X-RAY WILL BE PERFORMED AFTER PUHT
- 16- NOZZLE TO HEAD WELDS FOR LIF OR SADDLE TYPE FORGINGS SHALL BE 100% X-RAYED.
- 17- THE INSIDE SURFACE OF PRESS. PARTS AND ALL COURSES OR WELDS TO A PRESSURE PART
SHALL BE SURFACE EXAM. AFTER HYDRO TEST. THE EXAM MUST INCLUDE A BAND
OF BASE METAL 1" ON EITHER SIDE OF WELD
- 18- TEMPORARY ATTACHMENT SHALL BE REMOVED BY CUTTING & GRINDING FLUSH AREA TO BE REFINISHED
- 19- WELDING ATTACHING LUG WELD SHALL BE 100% PUHT
- 20- THE INSIDE SURFACE OF HEAD/NOZZLE LIFTING LUG SHALL BE MAGNETIC PARTICLE EXAM. **A**
(FORGING TO BE 100% PUHT EXAM PER SA-338)
(LIFTING BLIND FLANGE ATTACHING LUG TO BE 100% EXAM PER SA-338/SA-438)
- 21- BRINELL HARDNESS NOT TO EXCEED 200 HBW EXAM. AFTER PUHT, IN THE PRESENCE OF THE INSPECTOR
-- ONE READING PER CIRC. WELD (CATEGORY-B)
-- ONE READING PER LONG WELD (CATEGORY-A)
-- ONE READING PER NOZZLE WELD (CATEGORY-D)
TWO TESTS EA. LOC. / ONE @ HAZ, ONE @ WELD METAL, PERFORM ON INT. OF VESSEL
- 22- FLEXITALLIC GASKETS OUTER RING SHALL BE PAINTED OR GALVANIZED.
- 23- COOPER SHALL KEEP A RECORD OF THE ID NO. OF ALL COATED ELECTRODES & EA. COIL OF BARE WIRE USED.
- 24- CUTOFFS FOR VESSEL NOZZLES SHALL BE MARKED TO IDENTIFY ORIGIN & RETAINED UNTIL VESSEL SHIPS.
- 25- IMPRESSION STAMPING ON PRESS. PARTS FOR WORK LINES OR WELDER ID. IS NOT PERMITTED REFER TO WELD MAP
- 26- BASE LINE ULTRASONIC SURVEY (VESSEL THK READINGS) ARE REQD. REFER TO CUST. SPEC. PM100018A STANDARD
- 27- MANWAYS SHALL BE CLEARLY TAGGED, SHIPPING GASK. ARE CURRENTLY INSTALLED, INSTALL SERVICE GASK. PRIOR
TO ONLY ONE WELD REPAIR ATTEMPT SHALL BE PERFORMED ON A SINGLE WELD DEFECT WITHOUT NOTIFICATION
- 28- ARROW TANK TO NOTIFY CUSTOMER 10 WORK DAYS IN ADVANCE OF CUSTOMER HOLD POINTS ON QC PLAN 1535.
- 29- THE TOP INT. DISTRIBUTOR BASKET FOR VESSEL WITH LIFT BLIND SHALL BE SHIPPED LOOSE.
- 30- VESSELS WITH TOP BASKET IN PLACE SHALL HAVE A WEATHER PROOF TAG SECURELY ATTACHED THAT READS
"REMOVE INTERNAL DISTRIBUTOR BASKET PRIOR TO ATTACHING LIFT FLANGE ASSEMBY"
- 31- TEMPORARY SHIPPING FLANGE COVERS, SHIPPING BOLTS & NUTS SHALL BE PAINTED ORANGE.
LIFTING BLIND ASSEMBLY SHALL BE PAINTED ORANGE, TOPS OF STUDS, & EXT. SURFACE OF NUTS SHALL BE PAINTED WHITE
- 32- A COMPLETE SET OF UNUSED SERVICE BOLTING INCLUDING 10% SPARES FOR ALL FLANGE CONN. TO BE TAGGED & SHIPPED
- ☆ BOLTING SHALL BE LIGHTLY GREASED USING MOLYKOTE, OR EQUAL
- 33- TWO SETS OF UNUSED GASKETS FOR EA. FLG. CONN. SHALL BE TAGGED & CRATED FOR SHIPMENT (REFER TO 945597-A)
- 34- STENCIL THE FOLLOWING ON LIFTING BLIND FLG. "USE 3.75" DIA PIN FOR LIFTING, LUG SHALL BE ORIENTED PARALLEL
LIFT FLANGE SHALL BE INSTALLED WITH A MINIMUM OF (8) STUDS
- 35- STENCIL IN 3" HI-LTRS TWO OPPOSITE SIDES @ BTM TL: PO NO. / TAG NO. / SHIP WT. / & CTR. OF GRAVITY
- 36- HEAD MATERIAL TO BE EXAM. PER SA-338 LEVEL B ON A GRID. SHELL MATERIAL TO BE EXAM. PER SA-338/SA-438
- 37- EST. CAP: 21238 GAL. (NEW) / 21282 GAL. (COR)
- 38- EST. WT: 21400 LBS. EMPTY. (CALCULATED DESIGN WGT: 117200 LBS.)
295525 LBS. FULL OF WATER

UOP DOC.-- 945597-A-141F REV.1 AD80RBER VESSEL FABR PROJECT SPEC.
UOP DOC.-- 945597-A-141D REV.0 AD80RBER VESSEL DESIGN SPEC.
UOP DOC.-- 945597-A-159B REV.1 AD80RBER VESSEL INSPECTION PLAN

UOP DOC.-- E8-141 REV. 4 STANDARD ADSORBER VESSEL SPEC.
UOP DOC.-- E8-204 REV. 2 STANDARD PACKING & SHIPPING SPEC.
UOP DOC.-- E8-210 REV. 0 PRESSURE VESSEL TOLERANCES
SUNCOR STD. 0601 / 0903 / 0214
SUNCOR DOC. F1W0018A REV. 0 BASELINE U.T. SURVEY
SUNCOR STD. 2301 REV. 0 EQUIPT. PROTECTION
SUNCOR STD. 3001 REV. 0 TRANSPORTATION OF EQUIPT.
TECHNIP DOC. STD-0480-002 REV. 1 BASE RING/ ANCHOR CHAIR

DESIGN LIFE = 2260000 CYCLES
OPER. PRESS. / TEMP. = 5 to 421 PSI / 105°F
ACTIVE ADSORBENT VOLUME = 2812 CUFT
MEDIUM = HYDROGEN, METHANE, CARBON DIOXIDE, WATER, NITROGEN, CARBON MONOXIDE
WIND PRESS. = 0.42 K PA / EXPOSURE A / INCREASE OP. FACTOR = 10%
SEISMIC ZONE 0
LIFT LUG IMPACT FACTOR = 1.8
ALLOWABLE STRESS ANCHOR BOLTING = 18000 PSI

ITEM	QTY.	DESCRIPTION	MATERIAL	SHIP	SIG
		" HYDRO TEST HARDWARE "			
57	8	1 1/2" -8NC x 12" STUDS 4 (2) HEX NUTS ZINC PLTD.	8A193-B1		
58	8	1 1/4" -8NC x 8 3/4" STUDS 4 (2) HEX NUTS ZINC PLTD.	8A193-B1		
59	4	1" -8NC x 6 3/4" STUDS 4 (2) HEX NUTS ZINC PLTD.	8A193-B1		
60	1	20" 3000° B F / R F	8A105		
61	1	10" 3000° B F / R F SHIPPING	8A105		
62	2	G&KT. (10" 3000°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH		
63	2	G&KT. (20" 3000°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH		
64	1	G&KT. (24" 3000°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH		
65	2	G&KT. (24" 3000°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH		
66	1	3/8" FL. SHIPPING COVER 30 1/2" DIA. (20" NOZ)	8A36		
67	1	3/4" 3000° GATE VALVE "BONNEY L3-II"	BRASS	1	
68	2	3/4" 3000° WNF / R F 8CH 80 BORE	8A330 LF2 CL		
69	8	5/8" -INC x 3" STUDS ZINC PLTD.	8A193-B1	8	
70	16	5/8" -INC HEX NUTS ZINC PLTD.	8A194-2H	16	
71	1	3/4" 3000° SCKOLET x 20" RUN	8A105		
72	1	3/4" 8CH 80 PIPE B.O.E. x 2 15/16"	8A333 GR-6		
73	1	3/4" 8CH 80 PIPE B.O.E. / T.O.E. x 1 1/4"	8A333 GR-6	1	
74	1	3/4" N P T 3000° CAP	8A105	1	
75	3	GASKET (3/4" 3000°) RING GARLOCK RW (1) SHIP	304/GRAPH	2	
76	1	3/4" 3000° B F / R F (SHIP)	8A105		
77	4	5/8" -INC x 3" STUDS ZINC PLTD. (SHIP)	8A193-B1		
78	8	5/8" -INC HEX NUTS ZINC PLTD. (SHIP)	8A194-2H		
		" BED SUPPORT ASSY. "			
80	1	1" PERF. FL. BED (1" ø on 1 1/2" tri) 100° OD x 42" ID	8A36		
81	1	1" PERF. FL. BED CTR (1" ø on 1 1/2" tri) 41 3/4" DIA.	8A36		
82	1	1" FL. SUPPT. RING WHOLE8 III 3/4" OD x 108 1/4" ID	8A36		
83	1	3/8" PERF. FL. BAFFLE (1/4" ø STG. 4% OP) 37" DIA.	8A36		
84	1	1/2" FL. SUPPT. RING 14 3/8" REF. x 150" ROLL 48 1/4" OD	8A516-10N		
85	1	3/4" FL. SUPPT. RING 43 1/4" OD x 38" ID W/ HOLE8	8A36		
86	6	3/8" DIA. BAR SUPPT. x 1 1/8"	8A36		
87	8	1" FL. SUPPT. RIB8 888 det. II 1/4" x 31 5/8"	8A36		
88	1	3/8" FL. INNER RET. RING 44 1/4" OD x 38" ID W/HOLE8	8A36		
89	1	3/8" FL. OUTER RET. RING III 3/4" OD x 106 1/2" ID W/HOLE	8A36		
90	1	1" FL. RING 3 1/4" REF. x 337 11/16" ROLL 106 1/2" ID	8A516-10N		
91	2	3/8" x 2" BAR RETAINER W/ HOLE8 x 30 7/8"	8A36		
92	26	5/8" -INC x 3 1/2" H H C 8	8A193 B8		
93	82	5/8" -INC x 2 3/4" H H C 8	8A193 B8		
94	1	SCREEN NO. 8 MESH (2054) 112 3/4" OD x 42" ID (2-PC)	304 88		
95	1	SCREEN NO. 8 MESH (2054) 41 3/4" DIA. (1-PC)	304 88		
96	2	SCREEN NO. 32 MESH (2016) 112 3/4" OD x 42" ID (2-PC)	304 68		
97	1	SCREEN NO. 32 MESH (2016) 44 1/4" DIA. (1-PC) TOP LTR	304 88		
98	1	SCREEN NO. 32 MESH (2016) 41 3/4" DIA. (1-PC)	304 88		
99	108	5/8" -INC HEX NUTS	8A194 GR-6		
100	108	5/8" LOCK WASHERS	GRADE 6		

☆ SUB ARC FLUX SHALL BE VIRGIN, NO RECLAIMED FLUX ALLOWED.

U.O.P. INSPECTION TEST PLAN & CHECK LIST TO BE FILLED OUT BY ARROW TANK QC PERSONEL, AND VERIFIED ACCEPTABLE BY UOP REPRESENTATIVE.

CONT'D BY

U W

RT-1 HT

**ARROW TANK
& ENGINEERING CO.**
CONSTRUCTED IN MEMPHIS TENN

M.A.W.P.

500 PSI AT	250 °F
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M.A.E.W.P.

NA PSI AT	NA °F
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M.N. DESIGN METAL TEMP.

-49 °F AT	560 PSI
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MFG SERIAL NO. [REDACTED]

YR BUILT **2008**

CAL .063"

NA CORNE	2.00 SHELL	2.845 HEAD
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HFD RAD. 2:1

TAG # [REDACTED]

CRN [REDACTED]

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EQUIP TAG

(54) CODE DATA PL.

DWG No.:
TITLE:

EQUIP No.: 206VC-501H THRU 206VC-501M
SAP No.: 03-00041-HY-06-00
P.O. No.: 30056H0013 REVISION No.:

TECHNIP MR ISSUE

APPROVED
For Production
Order No. 8363-8
Date 7/1/2003
By *[Signature]*

EQUIP TAG NO. 206VC-50IH
EQUIP TAG NO. 206VC-50I I
EQUIP TAG NO. 206VC-50IJ
EQUIP TAG NO. 206VC-50IK
EQUIP TAG NO. 206VC-50IL
EQUIP TAG NO. 206VC-50IM

ITEM	QTY.	DESCRIPTION	MATERIAL	SHIP	SIG
1	2	138" ID A8ME ELLIP HEAD 2 7/8" NOM	SA516-10N		
		2:1 RATIO 4" SF 2648" MIN			
2	2	2" FL. SHELL 32" NOM x 439 13/16" ROLL 138" ID	SA516-10N		
3	1	2" FL. SHELL 89 1/2" REF. x 439 13/16" ROLL 138" ID	SA516-10N		
4	1	1/2" SKIRT 34" NOM. x 439 13/16" ROLL 140 1/2" OD	SA516-10N		
5	1	1/2" SKIRT 39" REF. x 439 13/16" ROLL 140 1/2" OD	SA516-10N		
6	1	2" FL. BA8E see det. 151 1/4" OD x 125 1/2" ID	SA516-10N		
7	2	2" FL. ANCHOR TOP see det. 5 3/8" WD. 35" SECT.	SA516-10N		
8	8	1/2" FL. ANCHOR GUSSET 5" x 5"	SA516-10N		
9	1	1/2" FL. SKIRT ACCESS BAND (ROLL) 6" x 120" (18x48)	SA516-10		
10	1	1/4" FL. ACCESS FLANGE (OVAL) 23" x 41" OUTSIDE	SA36		
11	1	1/4" FL. ACCESS COVER 23" x 41" OVAL	SA36		
12	6	5/8"-11NC x 1 1/2" HHC 5 & HEX NUT	GR-8		
13	8	6" SCH 80 PIPE SKIRT VENT x 5"	SA333-6		
14	2	3/8" FL. GROUND LUG see det. 2" x 4"	SA36		
15	1	24" NOZ. FORGING 3225" OD x 285" LG. LIP TYPE	SA350 LF2 CL		
16	1	24 300° WNF / RF 8CH 40 BORE	SA350 LF2 CL		
17	1	24 300° BF / RF (SPECIAL) 4.75" THK WD. 9.75" BORE	SA350 LF2 CL		
18	21	1 1/2"-8NC x 12" STUDS "SHIP LOOSE--UNUSED"	SA333-BT7Z	21	
19	54	1 1/2"-8NC HEX NUTS "SHIP LOOSE--UNUSED"	SA333-BT7Z	54	
20	2	GASKET (24" 300°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH	2	
21					
22	1	20" NOZ. FORGING 2131" OD x 265" LG. LIP TYPE	SA350 LF2 CL		
23	1	20" 300° WNF / RF 8CH 60 BORE	SA350 LF2 CL		
24	1	20" SCH 60 PIPE B.B.E. x 52 5/8"	SA333-6		
25	1	20" SCH 60 90° L/R ELBOW	SA420 WFL6		
26	1	20" SCH 60 PIPE B.B.E. x 21 7/8"	SA333-6		
27					
28	21	1 1/4"-8NC x 8 3/4" STUDS "SHIP LOOSE--UNUSED"	SA333-BT7Z	21	
29	54	1 1/4"-8NC HEX NUTS "SHIP LOOSE--UNUSED"	SA333-BT7Z	54	
30	2	GASKET (20" 300°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH	2	
31	1	1/2" FL. SKIRT SLEEVE 4 1/2" x 92 11/16" ROLL 30" OD	SA516-10		
32					
33	1	10" 300° WNF / RF 8CH X8 BORE	SA350 LF2 CL		
34	1	10" SCH X8 PIPE B.B.E. x 4 3/8"	SA333-6		
35	1	10" SCH X8 90° L/R ELBOW	SA420 WFL6		
36	1	10" SCH X8 PIPE B.B.E. x 13" TRIM	SA333-6		
37	18	1"-8NC x 6 3/4" STUDS "SHIP LOOSE--UNUSED"	SA333-BT7Z	18	
38	36	1"-8NC HEX NUTS "SHIP LOOSE--UNUSED"	SA333-BT7Z	36	
39	2	GASKET (10" 300°) RING FLEXITALLIC CGI 88 IN/OUT	316/GRAPH	2	
40	1	3/4" FL. LIFT LUG see det. 5" x 3 3/8"	SA516-10		
41	1	1/2" DIA. BAR HANDLE (FORM) skirt access x 13"	SA36		
42	1	TOP DISTRIBUTOR BSKT. SEE DWG. C18333-18 SHT. 1	A36/ 304SS		
43					
44	1	2" FL. TAILING LUG see det. 12 5/8" x 9"	SA516-10		
45	1	1" x 10" LUG TIE BAR x 11'-1 1/4"	SA516-10		
46	1	24" 300° BF / RF LIFTING LUG FLG.	SA405		
47	1	3 1/2" FL. LIFT LUG see det. 13 1/2" x 14"	SA516-10		
48	4	1" FL. LUG GUSSET see det. 3 1/2" x 3 1/2"	SA36		
49	1	1 3/4" x 1 1/2" x 1/4" INSUL. RING x 40"-0" ROLL L.I. 140 1/2" ID.	SA36		
50	1	3/8" DIA. BAR INSL. RING x 36"-0" ROLL 134 1/2" DIA.	SA36		
51	18	3/8" FL. INSL. SUPPT. CLIP 3" x 3"	SA36/GRAPH		
52					
53	1	1/4" FL. LABEL BRKT. (FORM) 10 1/2" x 12"	SA36		
54	1	A 8 M E DATA PL. (A8400)	8 8		
55	1	3/8" DIA. BAR FLOATING RING x 10"-0" ROLL 3618" DIA.	SA36		
56	1	3/8" DIA. BAR FLOATING RING x 8"-6" ROLL 313" DIA.	SA36		

SEE NOTE 22

SHIP LOG
FOR UN
SSY. REQD.
(6) TANKS

- ★ PRESSURE RETAINING ITEMS & ATTACHMENTS SHALL BE OF
★ U.S., CANADA, JAPAN, TAIWAN, SO. KOREAN, WESTERN EUROPE ORIGIN.
★ CARBON CONTENT OF PRESS. PARTS SHALL BE LESS THAN OR EQUAL
★ TO 0.23% CARBON EQUIVALENT LESS THAN OR EQ. TO 0.43%
★ HEADS & SHELLS OF FORGINGS REQUIRE SIMULATED PWHT 1125°F to 1175°F
★ FOR 6 HOURS 45 MINS.

PROJECT SPEC. 945597-A-14F
AD80RBER VE66EL6
POLYBED P6A UNIT

FABRICATION		MACHINING	
UOP JOB NO. 945597	DWG	2-PLACES ± .03	3-PLACES ± .015
UOP PO NO. 4502245274			
TECHNIP PO NO. 3005 6H0013			

		By: <i>DS</i>		ANGLES 11/2"		ARROW TANK & ENGINEERING CO.	
				MINNEAPOLIS-CAMBRIDGE		MINNESOTA	
				NOTES & PARTS LIST			
				PSA ADSORBER			
1-6-08	NOTE 20 READ WET FL.	RJH		DRAWN BY	RJH	CUSTOMER	
6-23-08	ITEM 2 WAS 3/8" FL. MATL.	RJH					
6-12-08	ITEM 10/19/20/23/130 WERE 8A193 8A06A194-6	RJH		CHECKED	ENG.	U.O.P. LLC	
4-10-08	PER CUSTOMER COMMENTS	RJH		SCALE	1:24	SHEET	DRAWING NO.
DATE	REVISION	BY		DATE	1-17-08	4 of 4	D 18363-18