

NOZZLE SCHEDULE

TEM OTY MAT'L SPEC.	PART #.	DESCRIPTION		
1	1	SA-240-316L	10776502-1	INNER SHELL DETAIL
2	2	SA-240-316L	10776502-2	HEADS, 5/16" #4/28 F&D W/ 4" KR & 1 1/2" SF & 60" CR
5	1	SA-240-304	--	OUTER MACKET, 14GA 28/28 K8 98 7/9" OD
6	1	SA-240-304	--	DEFAST RING, 12GA X 65 3/4" ID X 69 7/6" OD
7	10	NINTL	WOOD-002D A&B LOGG-LARGE LAREL, NINTL	
11	304	--	#6 DENSITY	1.5 HK FIBERGLASS TAW WRAP FSK 66 SF
14	SA-240-304	--	THERMOLUX 70	
15	3	316L	--	76A X 10" X 105 1/2" LG BAFFLES

OF MATERIAL

NOTES DETAIL SHOP 3

23 1

IS6L3THCK

NOZZLE N12-INCLUDES:
2 SS 3000# 316L THRD HALF COUP

NOZZLE N5, N8, N14-INCLUDES:
1" X 4" LG PRECISION FERRULI

| NOZZLE NZ-NCLUDES: 10776302—21 3" x 2" DUAL SPRAYBALL ASS'Y | OFEN25640 3" x 2 1/2" LG PRECISION FERRULE | F479-118T 3.0 TC CLAWF AT3MHM | | 3.0 TC BUNA GASKET |

DETAIL

CFEM25440

NOZZLE N1, N3, N4-INCLUDES

PLASMA

SA-479-316L

NOZZLE N13-INCLUDES:
3" X 2 1/2" LG PRECISION FERRULE

DS16LWCAPP

NOZZLE J1-J4-INCLUDES:

2.0 SCH 40s PIPE

4 SS S10 316L CAP A403WPW

SA240-316L SA-240-304

NOZZLE M1-INCLUDES: BETTS 20" ASME T-BOLT MANWAY- 8350-LCV-6" EPDM WELD PAD 5/16" THK \times 24" OD

SA-182-316L SA-182-316L SA-182-316L

IS6L3THCG IS6L3THCJ

10776302-26

NOZZLE N9-INLCUDES: NOZZLE N7, N10, N19-INCLUDES: NOZZLE N6, N15, N164NCLUDES:

1 SS 3000# 316L THRD HALF COUP NOZZLE N11, N17, N18-INCLUDES: 1-1/2 SS 3000# 316L THRD HALF COUP

DETAIL

20/-15 PSI NOTES: LEGISLATION ARE IN INCHES UNLESS OTHERWISE SPECIFIED

1) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

2) EQUIVALENT ALTERNATIVE MATERIAL MAY BE USED AFTER ALI.'S APPROVAL

3) ALL WELDS TO BE CONTINUOUS WELDED FAR MANUFACTURES STD UNLESS OTHERWISE NOTED

3) ALL WELDS TO BE THOROUGHLY CLEANED AND DRED WHERE ACCESSABLE BEFORE SHIPPING

5) VESSEL TO BE THOROUGHLY CLEANED AND DRED WHERE ACCESSABLE BEFORE SHIPPING

6) PROTECT ALL MACHINED SURFACES, AND ALL CONNECTIONS WITH WOOD DIMPLE PILLOW HEIGHT
ERECTION (SHIPPING) WEIGHT, LBS 20,195
WEIGHT, FULL OF WATER, LBS 20,195
DATA NOT SHOWN ARE NOT FACTOR IN DESIGN DESIGN PRESSURE, PSIG ED. 1998, A-00 DESIGN AND FABRICATION: ASME SECTION VIII - DIVISION MIND PRESSURE, LBS/SQ. FT SEISMIC COEFFICIENT HYDROTEST PRESSURE CORROSION ALLOWANCE, IN RADIOGRAPHIC EXAMINATION EFFICIENCY % DESIGN DATA 6500 LBS 20,195 LBS NONE JACKET/TUBE
75
350
105
100
-20 NONE

\(\text{\text{minimizer}}\)	DEPTH = 0.004" (MINIMIIM)	710 00 00 00)2	© 75 PSI	© 350 F
13) FLANGE BOLT HOLES SHALL STRADDLE NORMAL VESSEL CENTERLINES UNLESS NOTED. 14) MATERIAL VISCOSITY: 15) SPECIFIC GRAVITY:	STIFFNESS (OUTER SHELL TO OVERLAP) 12) (1) TANK REQUIRED AS SHOWN	10) OUTER SHELL TO INCLUDE 1" DIA. VENT W/ 1/8" DIA. HOLES LOCATED AT LOWEST PO	OWNER PAIR AND VOISIDE OF INVERSIGNED TO PAIR (2) WHIS WEEP HOLE OWNER OF AND PAD SECTIONS SHALL HAVE 1/8" WEEP HOLE LOCATED AS LOW AS POSSIBLE IN THE PAD WHEN THE VESSEL IS IN OPERATING POSTION.	ON PLANTS AND AUTOURS BEFORE SHIPMENT.	6) PROTECT ALL MACHINED SURFACES, AND ALL CONNECTIONS WITH WOOD	4) WELDS SHALL BE NEAT IN APPEARANCE, FREE OF SLAG, UNDERCUTS AND OTHER DEFEC

1/8" DIA. HOLES LOCATED AT LOWEST POINT SHELL SEAM ON THE INSIDE FOR EXTRA

OD BUFFED SMOOTH B. PATCH MAJOR DEFECTS (PITS OVER 1/84* DIAMETER)

A. REMOVE EXCESSIVE ROUGHNESS (DO NOT REMOVE WELD BEAD OR RIPPLE)

D. STRIP MELD AREA.

D. FORMAX BUFF.

A REMOVE MELD BEAD FLUSH.

#I INDUSTRIAL FINISH B. FINISH WELDS TO 180/180 GBT.

C. SURFACES TO PASS COTTON WIPE TEST 30–35 RA.

CHK'D BY: JJH

APPROVED BY:

JOB FILE # 10776302.DWG

10776302 DWG 1 OF 9

MATERIAL IS 16 GA. 316LSS 2B/2B CHARACTER SIZE: 5/32" DEPTH - 0.00

SERIAL NO:

10776302 2001

-20 75 -20

÷, PSI

YEAR BUILT:

MAWP: 20/-15 PSI

300

A&B PROCESS SYSTEMS

CERTIFIED BY

5-

VESSEL/SHELL

MDMT:

JACKET/TUBE

NO.	0	_	Þ	В
DATE:	10/02	10/30	11/1	1/18
REVISION DESCRIPTION:	SUBMITTED FOR APPROVAL	ROTATED N2 & N13 45 & ADDED BAFFLES	RELEASED FOR FABRICATION	AS-BUILTS
BY:	Ę	H	HLL	HLL
_				

NO.	0	1	×	В	
DATE:	10/02	10/30	11/1	1/18	
REVISION DESCRIPTION:	SUBMITTED FOR APPROVAL	ROTATED N2 & N13 45 & ADDED BAFFLES	RELEASED FOR FABRICATION	AS-BUILTS	
BY:	HUL	JJH	JJH	JJH	
CHK'D:					

	FLÓ-VERTOR OR JUMPER PORTS X DEGREE = ± 1 DEGREE	±1/32 FOR CENTERS BETWEEN	X OR FRACT. = ±1/8	(UNLESS NOTED OTHERWISE)	FABRICATION TOLERANCES
N.	0	1	Þ	в	
DATE:	10/02	10/30	11/1	1/18	
REVISION DESCRIPTION:	10/02 SUBMITTED FOR APPROVAL	10/30 ROTATED N2 & N13 45 & ADDED BAFFLES	RELEASED FOR FABRICATION	AS-BUILTS	
BY:	HUL	JJH	HUL	HU	
CHK,I					

CUSTOMER NAME/ADDRESS ALPHARMA, INC. CLARR LUH THERE HAUTE, IN TA LUH THESE BRONCESS STEMS CORP. TO MALL PART MAY PROPERLY MAY PROPED WHOM THE PROPED W			S								
		HUL	HLL	HLL	HUU						
CUSTOMER NAME/ADDRESS ALPHARMA, INC. TERRE HAUTE, IN THIS DRAWING AND THE INFORMATION THEREIN IS THE PROPRIETARY PR A & B PROCESS STRIMS CORP IN A & B PROCESS STRIMS CORP IN A B PROCESS TOR IN INFORMATION OTHER THAY FOR WHAT IT WAS CHARMED OTHER THAY FOR WHAT IT WE STRIMS OTHER THAY FOR WHAT IT WE STRIMS WHITEN CONSENT OF A & B PROCESS S	CHK'D:										
		OTHER THAN FOR WHICH IT WAS FURNISHE WRITTEN CONSENT OF A & B PROCESS	A & B PROCESS SYSTEMS CORP. IT S	THEREIN IS THE PROPRIETARY PI			TEXTE HAUTE, IN	1	ALPHARMA, INC.	CUSTOMER NAME/ADDRESS	
	A & B PROC	7 1				TO # V - 0/0	# V_370	CLARIFICATION TANK	1,650 GALLON		

STEMS CORP.	CONTAINED OPERTY OF SALL NOT BE NY PURPOSE WITHOUT THE	
A & B PROCESS SYSTEMS CO.		
SYSTEMS CO	201 S. WISCON STRATFORD, WI (715) 687- www.abproce	

www.abprocess.com	(715) 687-4332	STRATFORD, WI. 54484	201 S. WISCONSIN AVE.

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