

NOZZLE SCHEDULE									
MARK	QTY	SIZE	RATING	MAT'L	NECK THK	MAT'L	DESCRIPTION	DET	
A	1	8"	150" RF 30	SA 105 F 304L	SCN 103	SA 312-304L	VAPOR INLET		
B	1	2"					LIQUID OUTLET		
V ₁	1	2"					PROCESS VAPOR OUT		
C ₁	1	2"		SA 105	SCN 40		WATER INLET		
C ₂	1	2"		SA 105			WATER OUTLET		
V ₂	1	1"	150" RF 30	SA 105			VENT (SERVICE SIDE)		

NOTES:

CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE A.S.M.E. CODE, SECTION VIII, DIV. 1, PART UW, 12 (C) ADDENDA. 12/31/86

A.S.M.E. CODE STAMP: DYES BNO

X-RAY: NONE JOINT EFFICIENCY: SHELL & HEADS 100

LIQUID PENETRANT EXAMINATION: NONE

DESIGN PRESSURE: 15 PSIG 1 F.V.

TEST PRESSURE: 88 PSIG 880'F

DESIGN TEMPERATURE: 880'F

CORROSION ALLOWANCE: 0

HEAT TREATMENT: NONE

MATERIALS OF CONSTRUCTION UNLESS OTHERWISE NOTED:

HEADS: SA 312 - 304L

SHELL: SA 312 - 304L ERW

NOZZLES: SA 312 - 304L

COUPLINGS: -

FLANGES: SA 105 - F 304L / SA 105

PADS: -

INTERNAL: 3/8 304L

SADDLES, LEGS & LUGS: -

REINFORCING PADS: -

BOLTS, NUTS & STUDS: SA 193 - 78 / SA 194 - 78

PAINT: CARBOLINE CARBOXING - 11

GASKETS: CARLOCK 900 w/ TEFLOM ENVELOPE

WELDING WIRE: -

WELDING FLUX & GASSES: -

ALL BOLT HOLES TO STRADDLE NORTH, SOUTH EAST & WEST CENTERLINES UNLESS NOTED OTHERWISE.

INSPECTION BY CUSTOMER PRIOR TO A.S.M.E. CODE INSPECTIONS.

SURFACE PREPARATION & PAINTING: -

INTERIOR: TO BE FREE OF MILL SCALE, SLAG, WELD SPATTER AND DIRT.

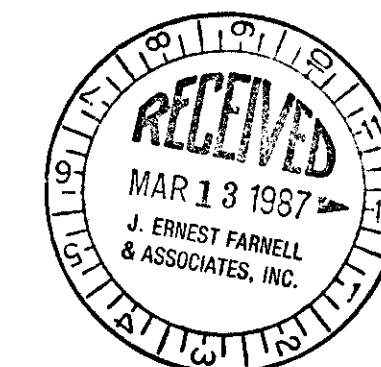
EXTERIOR: TO BE FREE OF MILL SCALE, SLAG, WELD SPATTER AND CARBON STEEL SURFACES TO BE PAINTED WITH ONE (1) COAT OF PAINT 3 MILL D.F.T.

SHIPPING: ALL MACHINED SURFACES ARE TO BE COVERED, CAPPED OR PLUGGED

SPECIAL NOTES: PAINT ITEM NO. ON SIDE OF VESSEL IN AT LEAST 2" HIGH LETTERS.

UNITS REQUIRED - ONE

WEIGHT APPROX 800 LBS. (EMPTY)



#99121

CERTIFIED FOR CONSTRUCTION
BY: *[Signature]* DATE: 3/16/87
PHILLIPS STEEL FABRICATORS, INC.

DATE	REV	DESCRIPTION
3/16/87	1	REV. PER CUSTOMER MARKED UP PRINT
JOB IDENTIFICATION:		
JOB NO. 301-20087		
IND. DEVELOPMENT BOARD, MOBILE, ALA.		
FOR: J. ERNEST FARNELL & ASSOCIATES		
MOBILE, ALABAMA		
REF: KAY - FRIES		
TOLUENE STRIPPER COND.		
ITEM NO. X-836-E		
BY: PHILLIPS STEEL FAB., INC.		
OAKLAND, N.J.		
DWG BY: T.K.	S.O. NO 5084	1 OF 1
APP'D BY:	DWG NO	REV
DATE: 3/16/87	D-5084F	1

