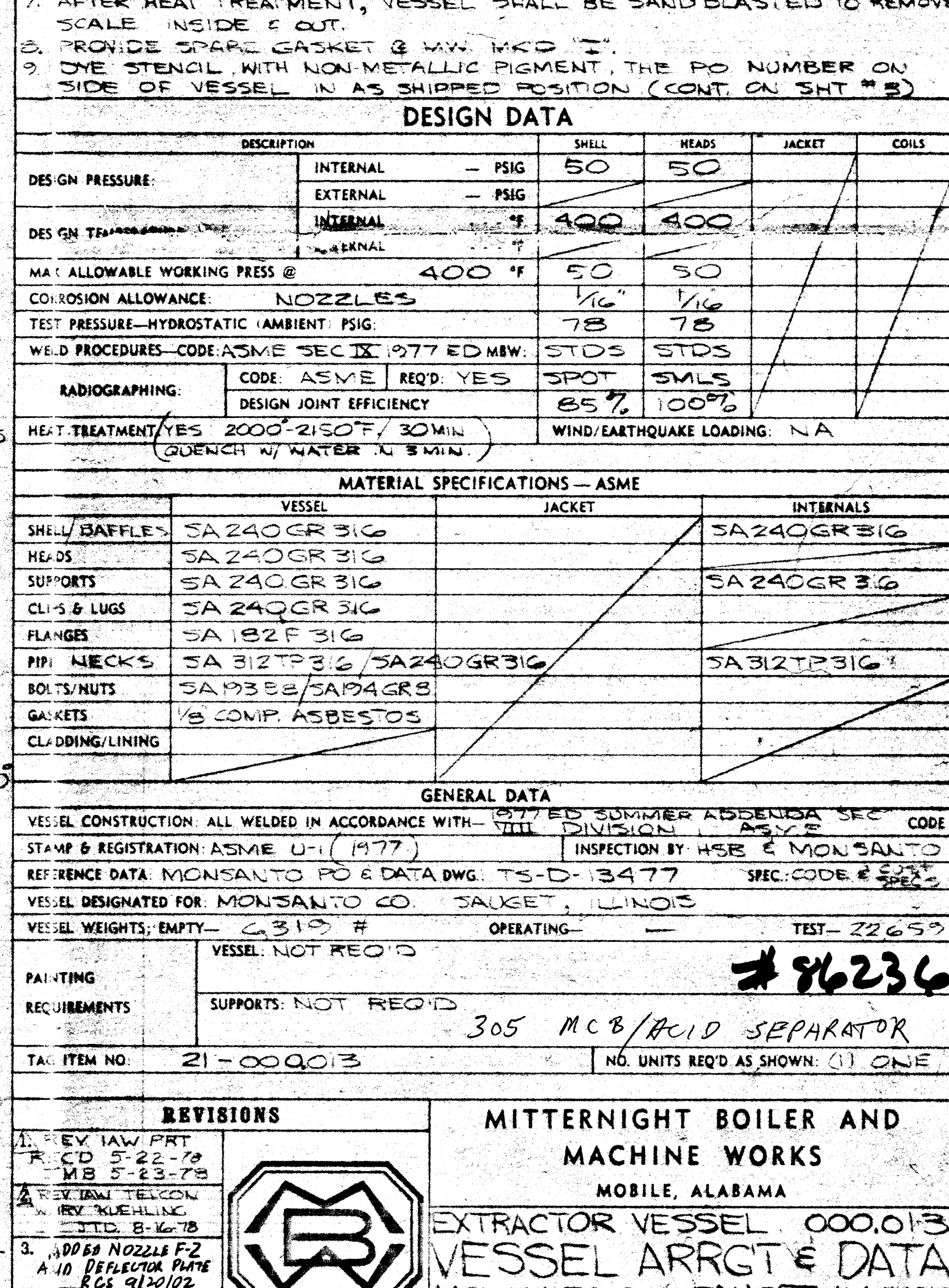
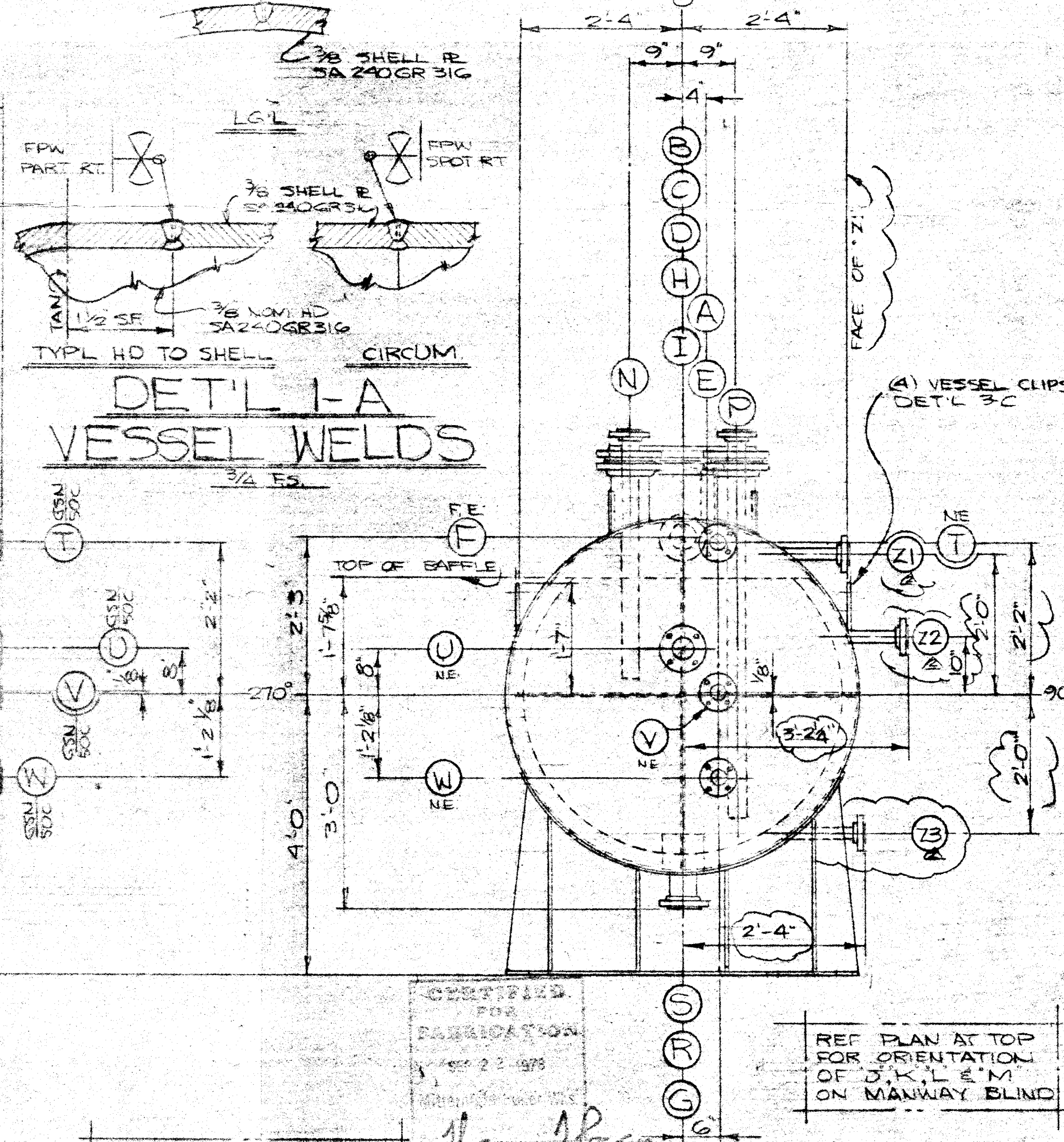




GENERAL NOTES

1. ALL FLANGE BOLT HOLES SHALL STRADDLE VESSEL MAJOR Φ 'S.
2. ALL WELD SHALL BE NEAT & FREE OF DEFECTS.
3. SEAL WELD ALL INTL & EXTL ATTACHMENTS IN ADD. TO STRENGTH WELD.
4. VESSEL SHALL BE LEFT CLEAN AND DRY INSIDE BEFORE BLANKING
5. ALL NOZZLES SHALL BE BLANKED W/ PLYWOOD CURS CLAMPED IN PLACE AND SEALED W/ TAPE FOR SHIPMENT.
6. BUTT WELD (2) CORROSION COUPONS, $4 \times 3/16" \text{ EA}$ (SHELL R CUT-OUTS) USING FAB WELDING PROCEDURE. TACK WELD TO TRANSVERSE BAFFLE SO THEY CAN BE REMOVED EASILY AFTER HEAT-TREATMENT
7. AFTER HEAT TREATMENT, VESSEL SHALL BE SAND-BLASTED TO REMOVE SCALE INSIDE & OUT.
8. PROVIDE SPARE GASKET & M.V. W/O T.
9. ONE STENCIL WITH NON-METALLIC PIGMENT, THE PO NUMBER ON SIDE OF VESSEL, AND ALUMINUM BRASS (1" & 1/2" CUT-OUTS) FOR

DESIGN DATA					
DESCRIPTION		SHELL	HEADS	JACKET	COILS
DESIGN PRESSURE:	INTERNAL	— PSIG	50	50	
	EXTERNAL	— PSIG			
DESIGN TEMPERATURE:	INTERNAL	°F	400	400	
	EXTERNAL	°F			
MAX. ALLOWABLE WORKING PRESS @		400 °F	50	50	
CORROSION ALLOWANCE:		NOZZLES	1/16"	1/16"	
TEST PRESSURE—HYDROSTATIC (AMBIENT) PSIG:			78	78	
WELD PROCEDURES—CODE: ASME SEC. IX, 1977 ED MBW:			STD5	STD5	
RADIOGRAPHING:	CODE: ASME	REQ'D: YES	SPOT	SWLS	
	DESIGN JOINT EFFICIENCY		85%	100%	
HEAT TREATMENT (YES 2000-2150°F / 30 MIN) (YES IN WATER / 3 MIN)		WIND/EARTHQUAKE LOADING: NA			

MATERIAL SPECIFICATIONS — ASME			
	VESSEL	JACKET	INTERNALS
SHELL / Baffles	SA 240 GR 316		SA 240 GR 316
HEADS	SA 240 GR 316		
SUPPORTS	SA 240 GR 316		SA 240 GR 316
CL-5 & LUGS	SA 240 GR 316		
FLANGES	SA 182 F 316		
PIPE / NICKS	SA 312 TP 316 / SA 240 GR 316		SA 312 TP 316
BOLTS / NUTS	SA 193 B2 / SA 194 GR 8		
GASKETS	1/8 COMP ASBESTOS		
CLADDING / LINING			

GENERAL DATA	
VESSEL CONSTRUCTION: ALL WELDED IN ACCORDANCE WITH-	ASME U-1 (1977)
STAMP & REGISTRATION: ASME U-1 (1977)	DESIGN DIVISION: HSB & MONSANTO
REFERENCE DATA: MONSANTO P&ID DATA DWG: TS-D-3477	SPEC. CODE: E-3477
VESSEL DESIGNATED FOR: MONSANTO CO. JACKET, LINCOLN	
VESSEL WEIGHTS: EMPTY- 4319 #	OPERATING- —
	TEST- 22659
PAINING	VESSEL: NOT REQ'D
REQUIREMENTS	SUPPORTS: NOT REQ'D
305 MCB/ACID SEPARATOR	
TAG: ITEM NO. 21-000013	NO. UNITS REQ'D AS SHOWN: (1) ONE

REVISIONS		MITTERNIGHT BOILER AND MACHINE WORKS MOBILE, ALABAMA				
1. REV IAW PRT R CD 5-22-79 MB 5-23-78			EXTRACTOR VESSEL 000.013			
2. REV IAW TELCON W RY KUEHLING JTD 8-16-78			VESSEL ARRGT & DATA			
3. 10058 NOZZLES F-2 A 10 DEFLECTOR PLATE RGS 9/20/72			MONSANTO CO. SAUGET, ILLINOIS			
4.						
THIS DRAWING IS THE PROPERTY OF MITTERNIGHT BOILER AND MACHINE WORKS, AND MUST BE RETURNED UPON REQUEST.		CUSTOMER ORDER NO B02910		JOB NO 3476	DRAWING NO M3476-013-1	
		DRAWN BY JERRY RIGGS		DATE 5-2-78	SHT 1 OF 3	
		APP'D BY [Signature]		SCALE 5-5-78	SCALE NOTED	