



MATERIAL LIST					
RELEASE DATE	NO	REQD	PART NUMBER	DESCRIPTION	WT.
1-25-01	66	1	2680-1329-3	PIPING PNEUMATIC TAP	
	67				
1-25-01	68	1	0236-0004-3-004	TOOL	
1-25-01	69	2	0236-0004-3-005	TOOL	
1-25-01	70	2	0236-0004-3-006	TOOL	
TOTAL WEIGHT XXXXX					

MATERIAL LIST					
RELEASE DATE	NO	REQD	PART NUMBER	DESCRIPTION	WT.
	1	1	5810-5061-4	JET MELTER ASSEMBLY AL3000 LH	
	2				
1-25-01	3	REF	0301-0170-4	MELTER SHELL 2000-4000 (SHIP TO FAB SHIP TO DETAIL)	
1-25-01	4	REF	0301-0171-4	MELTER SHELL 2000-4000 (SHIP TO FAB SHIP TO DETAIL)	
1-25-01	5	REF	0301-0172-4	MELTER SHELL 2000-4000 (SHIP TO FAB SHIP TO DETAIL)	
1-25-01	6	1	0301-0173-4-003	MELTER SHELL 3000 (SHIP TO FAB SHIP TO DETAIL)	6531
	7				
1-29-01	8	1	0301-0548-4	WALL 'A' 3000 DT/WT (SHIP TO FAB SHIP TO DETAIL)	287
1-29-01	9	1	0301-0180-4	WALL 'B' 2000-4000 DDDR (SHIP TO FAB SHIP TO DETAIL)	216
1-29-01	10	1	0301-0452-4-003	WALL 'C' 3000 ML1/TC BRN (SHIP TO FAB SHIP TO DETAIL)	400
	11				
1-25-01	12	2	0168-0105-1-004	NAMEPLATE ZMS	5
1-25-01	13	3	0168-0233-1-002	NAMEPLATE DNGR EXPLOSION	14
1-25-01	14	4	0168-0196-1-002	NAMEPLATE HOT METAL	61
1-25-01	15	2	0168-0227-1-002	NAMEPLATE CONFINED SPACE	9
1-25-01	16	2	0168-0150-1-004	NAMEPLATE SERIAL PLATE	15
	17				
	18				
	19				
	20				
1-25-01	21	1	0168-0203-1-002	NAMEPLATE AUTO START	15
	22				
1-25-01	23	1	0301-0453-4	HEARTH COVER 3000	695
1-25-01	24	1	2180-2098-4-003	COVER ASY STACK AL3000 (SHIP TO FAB SHIP TO DETAIL)	
1-25-01	25	1	2680-1359-4	COVER PIPING SL BURN	
1-25-01	26	1	2900-1004-4	HANDUAL TAP ASSY	21
1-25-01	27	1	2955-1006-4	PNEUMATIC TAPPING DEVICE	
1-29-01	28	1	2600-1022-4	ML1/TC	94
1-29-01	29	1	0092-0076-3	SPOUT	36
1-29-01	30	1	0092-0065-3-001	SPOUT	36
1-29-01	31	2	0092-0065-3-002	SPOUT BOLTS	2
1-29-01	32	2	0095-0819-1	GASKET	2
	33				
1-25-01	34	1	2857-1011-3-001	SLI ASY TRANSMITTER	49
1-25-01	35	1	2857-1011-3-002	SLI ASY RECEIVER	49
	36				
1-25-01	37	1	0080-0209-2	SHIELD	18
	38				
1-25-01	39	1	2235-1116-4	DOOR ASY STACK 2000-4000 (SHIP TO FAB SHIP TO DETAIL)	270
1-25-01	40	1	2235-1117-4	DOOR ASY HEARTH 2000-4000	230
	41				
1-29-01	42	2	0303-0001-3	TAP BLK W/1 5/8 HOLE STD	80
1-29-01	43	1	0309-0001-5	TAPPING CONE X 0'-2 1/8"	10
1-29-01	44	1	0309-0073-5	REFRACTORY AL3000	
	45				
1-25-01	46	4	9903-1208	SCR CAP 5/8-11NC X 2 GRDS	1
1-25-01	47	20	9903-1009	HEX NUT FULL 5/8-11NC	2
1-25-01	48	20	9903-1448	FLAT WASHER 5/8	2
1-25-01	49	16	0096-0004-5	STUD	5
	50				
1-25-01	51	1	0239-0025-5	THERMOCOUPLE X 2'-6" HRTH	5
1-25-01	52	1	0239-0024-5	THERMOCOUPLE X 1'-6" STK	4
1-25-01	53	1	5390-5137-2-001	THERMOCOUPLE JUNCTION BOX	
1-25-01	54	1	5390-5138-2-001	LEVEL RELAY JUNCTION BOX	
	55				
2-6-01	56	1	2680-1460-4	COMBUSTION SCHEMATIC (SHIP TO FAB SHIP TO DETAIL)	
1-25-01	57	1	2680-1416-1	PIPING AL2000/3000	
1-25-01	58	1	2660-1040-2	MELTER JUNCTION BOX	
	59				
1-25-01	60	1	0301-0451-4-001	FL SUPT BEAM 60" WK TAP	295
1-25-01	61	4	0301-0451-4-002	FL SUPT BEAM 60" WK TAP	1248
1-25-01	62	20	0301-0451-4-003	FL SUPT SHIMS	390
	63				
2-9-01	64	1	5390-5157-2	CONTROLS	
	65				

▶ DENOTES SHIP LOOSE FOR FIELD INSTALLATION

**GENERAL ERECTION & ASSEMBLY NOTES**

- ERECTION TO FIELD CHECK AND VERIFY ACCURACY OF PLAN AND ELEVATION DIMENSIONS OF ALL CONCRETE AND/OR STEEL SUPPORTS FOR EQUIPMENT PRIOR TO START OF ERECTION
- ERECTION TO CHECK ALL PIPING MARKS ON EQUIPMENT AGAINST THOSE SHOWN ON ERECTION DRAWING TO ASSURE COMPLETE UNDERSTANDING OF ASSEMBLY PRIOR TO START OF ERECTION
- ERECTION TO LOOSELY FIT UP ENTIRE ASSEMBLY AND ESTABLISH FINAL DESIGN DIMENSIONS PRIOR TO FIELD WELDING AND/OR GRINDING, IN ACCORDANCE WITH CURRENT ASSC ERECTION STANDARDS
- FABRICATION TO ASSURE ACCURACY OF FABRICATED COMPONENTS WITHIN ACCEPTED STRUCTURAL FABRICATION TOLERANCES

**MATERIAL SPECIFICATION NOTES**

- ALL STEEL SHALL CONFORM TO ASTM AND STANDARDS FOR MINIMUM MECHANICAL PROPERTIES AND SHALL BE FABRICATED IN ACCORDANCE WITH THE RECOMMENDED PRACTICE OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- ALL STEEL SHALL CONFORM TO AISC STANDARD FOR LATEST EDITION STANDARDS FOR DIMENSIONAL TOLERANCES
- ALL BOLTS SHALL CONFORM TO ASTM AND STANDARDS FOR MINIMUM MECHANICAL PROPERTIES UNLESS OTHERWISE SPECIFIED
- WELDING PROCEDURES TO CONFORM TO ASSC FOR DESIGN FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
- ASSC STANDARD WELDING SYMBOLS WILL BE USED FOR THE DESIGNATION OF WELLS
- ALL SHOP AND FIELD WELDER CONNECTIONS SHALL BE MADE WITH E70 SERIES ELECTRODES UNLESS OTHERWISE SPECIFIED

DIMENSIONAL TOLERANCES - UNLESS OTHERWISE SPECIFIED -		
SIZE	MACHINED	FRACTIONAL
UNDER 12"	0.010	± 1/32"
12" TO 24"	0.015	± 1/16"
24" TO 48"	0.020	± 3/32"
48" TO 72"	AS SPECIFIED	± 1/8"
72" TO 240"	AS SPECIFIED	± 1/4"
OVER 240"	AS SPECIFIED	± 3/8"

ALL MACHINED SURFACES 1/4" CHAMFER AND WELD PREP'S ± 1/2" CORNER RADI 06" MAX BREAK ALL CORNERS AND REMOVE ALL BURRS

**Modern Equipment Company**  
 planning... engineering... manufacturing... erection  
 BOX 993, PORT WASHINGTON, WISCONSIN 53074-0993  
 TELEPHONE: 262-284-9431 FAX: 262-284-9433  
 AN ALCO INDUSTRIES INC. CO.

FOR: HONDA OF SOUTH CAROLINA  
 LOCATION: TIMMONSVILLE, SC  
 DESCRIPTION: AL3000 JET MELTER LH

REVISIONS

NO.	DATE	BY	CHKD BY	DATE	SHEET NO.
1	1-17-2001	JP	JP	1-30-01	1 OF 1

FILE NO: P:\ACAD\5810\5061\4001.DWG  
 PLOT DATE: 02/28/01  
 REFERENCES: 5810-5057-4  
 5000-6119-4

DWG NO: 5810-5061-4  
 SCALE: 1/2" = 1'-0"  
 CONTRACT: 008816