

GENERAL

MOTOR

STARTER

UNIT	DESCRIPTION	SCHEMATIC	ONE-LINE	FLOOR PLAN	UNIT	MOTOR BY	H.P.	R.P.M.	NEMA	ENCL.	FULL LOAD CURRENT	VOLTAGE		UNIT	STARTER BY	TYPE	SIZE	OVERLOAD HEATER AMPS MFD NO.	BREAKER	M.C.C.
1	TRAMP IRON MAGNET	E-15			1	SEW	5				41	120 V DC		1	MANUP.				20A	SH #1
2	RAW COAL CONVEYOR #1	E-13			2		75				76 AMPS	480 VOLT		2	FURNAS	EVNE	4		150A	
3A	RAW COAL SCREEN #1	E-14			3A		10				13.8	"		3A		EVNE	1		30A	
3B	" " #2				3B		10				13.8	"		3B		EVNE	1		30A	
4A	SYN ENERGY FEEDER #1				4A		12				5	230 VOLT 3 PH		4A	SYN-ENERGY	SCR				
4B	" " #2				4B		12							4B						
4C	" " #3				4C		12							4C						
4D	" " #4				4D		12							4D						
4E	" " #5				4E		12							4E						
4F	" " #6				4F		12							4F						
4G	" " #7				4G		12							4G						
4H	" " #8				4H		12							4H						
5A	SCREEN SIZER #1	E-17			5A		16					480 VOLT		5A	FURNAS	EVN	2		50A	
5B	" " #2				5B		16					"		5B		EVN	2		50A	
5C	" " #3				5C		16					"		5C		EVN	2		50A	
5D	" " #4				5D		16					"		5D		EVN	2		50A	
5E	" " #5				5E		16					"		5E		EVN	2		50A	
5F	" " #6				5F		16					"		5F		EVN	2		50A	
5G	" " #7				5G		16					"		5G		EVN	2		50A	
5H	" " #8				5H		16					"		5H		EVN	2		50A	
6A	FEEDER CONVEYOR PLUS 2" #1	E-14			6A		3				4.8	"		6A		EVNE	1		7A	
6B	" " #2				6B		3				4.8	"		6B		EVNE	1		7A	
7	CRUSHER PLUS 2"				7		30				42.5	"		7		EVNE	3		50A	
8	PREUSE SCREEN 1" X 0	E-15			8		3				4.3	"		8		EVNE	1		7A	
9	PREUSE CONVEYOR #2	E-13			9		10				14	"		9		EVNE	1		15A	
10	PREUSE BIN CHUTE HOIST				10		2				3.4	"		10						
11	FINE CONVEYOR #3	E-19			11		10				14	"		11		EVNE	1		30A	
12	" " #5				12		10				14	"		12		EVNE	1		30A	
13	COARSE CONVEYOR #4	E-19			13		10				14	"		13		EVNE	1		30A	
14	" " #6				14		10				14	"		14		EVNE	1		30A	
15A	DUST COLLECTOR SCREEN CONVEYOR	E-15			15A		3				4.5	"		15A		EVNE	1		7A	
15B	" " ROTARY AIR LOCK				15B		1 1/2				2.6	"		15B		EVNE	1		7A	
15C	" " BLOWER EXHAUST				15C		100				118	"		15C		EVNE	4		150A	
16	CRUSH PRODUCT CONVEYOR #7	E-20			16		50				65	"		16		EVNE	3		100A	
17	RAW COAL CONVEYOR #2				17		10				14	"		17		EVNE	1		30A	
18	PLANT FEED CONVEYOR #9	E-24			18		60				77	"		18		EVNE	4		150A	P-3
19	PLANT BY-PASS CONVEYOR #10				19		10				14	"		19		EVNE	1		30A	
20A	JIG ELEVATOR #1	E-25			20A		10				14	"		20A		EVNE	1		30A	
20B	" " #2				20B		10				14	"		20B		EVNE	1		30A	
20C	JIG BLOWER				20C		100				124	"		20C		EVNE	4		150A	
20D	JIG PREUSE EXTRACTORS				20D		15				21	"		20D		EVNE	2		30A	
21A	CRUSH COAL SCREEN #1 motor #1	E-26			21A		15							21A		EVNE	2		30A	
21A2	" " " " #2				21A2		15							21A2		EVNE	2		30A	
21B	" " " " #1				21B		15							21B		EVNE	2		30A	
21B2	" " " " #2				21B2		15							21B2		EVNE	2		30A	
22	CRUSH COAL CRUSHER				22		25				34	"		22		EVNE	2		50A	
23A	DEWATER CONVEYOR #1 OIL PUMP	E-27			23A		1/4				3	"		23A		EVNE	1		3A	
23B	" " #1 VIBRATOR				23B		10				14	"		23B		EVNE	1		30A	
23C	" " #1 DRIVE				23C		30				40	"		23C		EVNE	3		50A	
23D	" " #2 OIL PUMP				23D		1/4				3	"		23D		EVNE	1		3A	
23E	" " #2 VIBRATOR				23E		10				14	"		23E		EVNE	1		30A	
23F	" " #2 DRIVE	E-28			23F		30				40	"		23F		EVNE	3		50A	
24A	CYCLONE PUMPS				24A		200				240	"		24A		EVNE	5		400A	
24B	" " "				24B		200				240	"		24B		EVNE	5		400A	
26	EVNE DEWATERING SCREEN				26		5				26	"		26		EVNE	1		15A	
28	CLARIFIER PUMP				28		3				4.8	"		28		EVNE	1		7A	
29A	CLARIFIER UNDERFLOW PUMP #1	E-29			29A		10				14	"		29A		EVNE	1		30A	
29B	" " #2				29B		10				14	"		29B		EVNE	1		30A	
30A	FILTER AGITATOR #1				30A		2				3.4	"		30A		EVNE	1		7A	P-2
30B	" " #2				30B		2				3.4	"		30B		EVNE	1		7A	
30C	" " DRIVE				30C		3				4.8	"		30C		EVNE	1		7A	
30D	" " BLOWER	E-30			30D		20				27	"		30D		EVNE	2		50A	
30E	" " VACUUM PUMP				30E		250				310	"		30E		EVNE	6		400A	
30F	" " PULSA-FEEDER PUMP				30F		1/2				1	"		30F						
31A	FILTER PUMP				31A		25				34	"		31A		EVNE	2		50A	
31B	" " "				31B		25				34	"		31B		EVNE	2		50A	
32A	CLARIFIER UNDERFLOW PUMP				32A		60				77	"		32A		EVNE	4		100A	

E-B	REVISION	I	5/12/83	LDM
E-B	FOR APPROVAL	O	5-25-82	LDM
DWG. NO.	REFERENCE	NO.	DATE	BY
BLAIRELECTRIC SERVICE CO.				
BELLWOOD, PENNSYLVANIA				
MOTOR TABULATION SHEET				
DRAWN JK	DATE 5-25-82	ORDER NO. W 7478		
CHECKED	DATE	SCALE		
APPROVED				
DATE	DWG. NO. E-B			
12303-71				