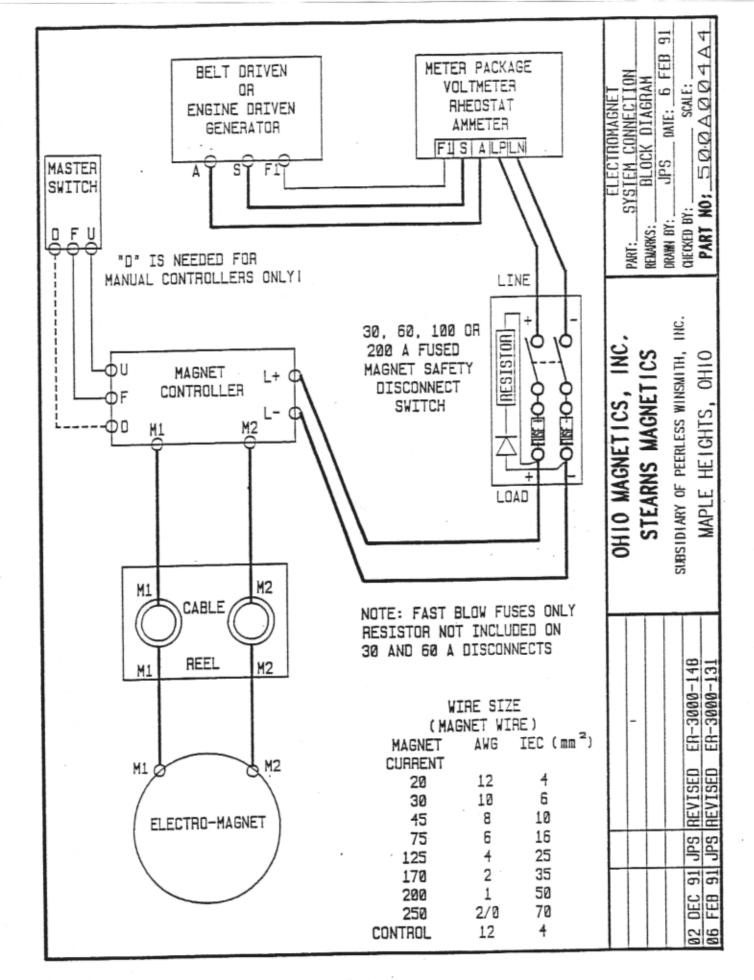


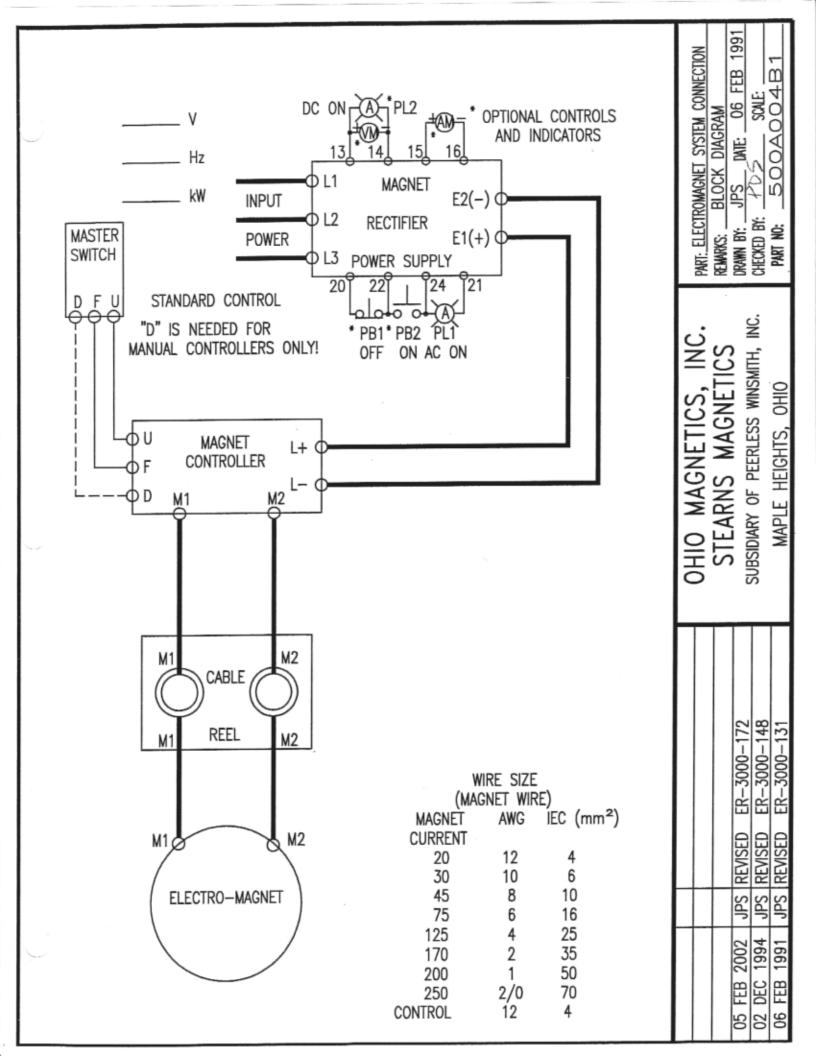


SECTION 2 SYSTEM CONNECTIONS & DETAILS

OHIO MAGNETICS, INC.

Spec Tech Industrial 203 Vest Ave. Valley Park, MO 63088 Phone: 888 SPECTECH Email: sales@spectechind.com www.spectechind.com





	CRANE NO MAGNET SIZE MAGNET SR#		DATE MAGNET RESISTANCE	
	MAGNET	CONTROLLER	GENERATOR	CABLE
	() LEADS: () Lead Shield tight () Lead in good condition () Terminals: good condi— tion, clean, tight () CHAIN & CHAIN PINS: () Inspect for wear () Check pin retainers () CASE: () Check for cracks () Check for minimum of 25 mm or 1" wear surface () CENTER POLE: () Check C.P. bolts for tightness () Check shoe wearing sur— face (min 25 mm () Check for	() VOLTAGE: ()No load ()Full load	() ACCESS COVERS: ()Replace () BELTS (PTO): ()Wear ()Tension () RHEOSTAT:	() WIRE SIZE: ()Adequate () CONDITION: ()Tape or splice worn or frayed portions () FREE REELING: ()To be free of knots and tangles CABLE REELS () BEARINGS: ()Lubricate () GEARS: ()Greased () SPRING: ()Oil () TENSION: ()Proper tension () BRUSHES & RINGS: ()Wear () INSULATION: ()Brush holder ()Slip rings () COVERS: ()Replace
cracks () COIL: ()Resistance 100% cold to 170% hot ()Ground resis— tance 100 \(\Omega \) minimum To measure of leads to line to engine "on" a controller off Now turn controller off the controller of the controller off the controller of the controller off the controller of the		INSTRUCTIONS:		
			encurements with nortable	
		Be careful when making measurements with portable instruments. To make resistance and ground readings, the power supply must be turned off.		
		To measure generator output voltage, connect meter leads to line terminals of the controller. Turn engine "on" and bring up to full speed. With the controller off read voltmeter for no-load condition. Now turn controller on the energize magnet and read voltmeter for full-load readings. Turn controller and		

Ohio Engineers are available to discuss any particular maintenance problems by calling 216/662-8484 or writing Ohio Magnetos, 5400 Dunham Road, Maple Heights, Ohio 44137-3687.

power supply off before disconnecting meter leads.