



3.6 ELECTRIC DRIVES AND CONTROLS APPROVED COMPONENTS LIST

Component	Application/Requirements (see note in 3.0)	Approved Supplier(s)	Applicability			
			Leak Test	Torque to Turn	Cold Test	Hot Test
Asynchronous Motors (Main Drive Line)	<ul style="list-style-type: none"> Sized per requirements in SP-M-Cold System Reqs Encoder, 4096 PPR minimum Smooth shaft Vibration Severity S1 - DIN ISO-2373 Flange and Foot Mounting Reference controls project books for required accessories. 	Bosch-Rexroth IndraDyn A - MAD with fan cooling Siemens 1PH7			X	
Drive Line Servo Controller	<ul style="list-style-type: none"> Profibus DP Interface Encoder Emulation Standard Display Panel Drive PLC 	Bosch-Rexroth IndraDrive C or IndraDrive M Advanced (Basic Control CS001.1C-PB-ENS-MEM-NN-S-NN-EWT) MA Siemens MASTERDRIVES VC 6SE70 or SIMODRIVE 611U			X	
Synchronous Motors (Servomotor)	<ul style="list-style-type: none"> Sized per requirements in SP-M-Torque To Turn Reqs Encoder, 4096 PPR minimum Smooth shaft Reference controls project books for required accessories. 	Bosch-Rexroth IndraDyn S - MSK		X		
Servo Drives	<ul style="list-style-type: none"> Profibus DP Interface Encoder Emulation Standard Display Panel Drive PLC 	Bosch-Rexroth IndraDrive C or IndraDriveM (multiple axis) Advanced (Basic Control CS001.1C-PB-ENS-MEM-NN-S-NN-EWT) MA		X		

Add Firmware reference:
 FWA-INDRV-MPH-05VRS-D5-1-NN-MA