

E2 Motor Control Centers Checklist	Maintenance Task	Maintenance Frequency			
		Daily	Weekly	Monthly	Annually
Safety Inspection	Provide a full safety inspection, including operation of all interlocks, Earthing & Protective devices of wall mounted distribution boards.				X
Thermal	Infrared thermography for all MCC bus bar connections.				10

E3 Switchboards Checklist	Maintenance Task	Maintenance Frequency			
		Daily	Weekly	Monthly	Annually
Switchboards	Check incomer and for signs of deterioration and abnormality. Check switches for signs of deterioration. Clean and dust exterior of panels, replace defective MCB's & ELCB's. Check operation by simulation and function of push buttons.		X		
Overall Visual Inspection	Complete overall visual inspection to be sure all equipment is operating and safety systems are in place. Visual check for signs of wiring or components overheating, investigate underlying fault, eliminate cause and renew damaged wiring and components as necessary. Record ADWEA power meters.			X	
Switch Condition	Visually check for signs of wiring or component overheating, investigate underlying fault, eliminate cause and renew damaged wiring and components within compartments for tightness. Inspect contactor and relay contacts for signs of wear and general deterioration, clean or renew as necessary. Check and adjust stab gap setting and Lubricate Stab Contact Faces. Disconnect, remove dust and check power factor controllers for connections for tightness (With particular attention to Electrostatic Discharge).			3	
Annual Inspection	Provide a full examination/Service and replace defective components. Provide a full safety inspection, including operation of all interlocks, Earthing & Protective devices. Check and record insulation resistance on all incoming and outgoing cables.				X