

Durr Multi Axle Dyno/Brake Test Electrical Schedule

Task No.	Task Description – BEFORE COMMENCING THE ELECTRICAL CONNECTION CHECK, PANEL MUST BE ISOLATED FOR 30 MINUTES TO DISCHARGE ANY STORED ENERGY AND SHUT CONTROL PC DOWN BEFORE MAIN PANEL POWER DOWN.	OK	Not OK (If Not OK, Rectify Or Notify M.E	Completed By
1	Check functionality of the main isolator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Check the condition of the main panel & clean if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Check condition and functionality of all switches, buttons and indication lamps on the front of the main panel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Inspect all contactors & relays for visible signs of damage or over heating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Check condition /operation of the main panel PC including the filters, clean if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Check all electrical connections for security within the main panel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Check all connections on all emergency stop switches ensuring correct functionality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Check the batteries of the uninterruptable power supply unit (UPS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Clean the ventilation slots on the UPS unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Ensure all beacons & monitors for correct operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Check the condition and security of the roller proximity & ultrasonic sensors, clean if required and check correct operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Check all electrical connections on the control area, valve blocks, I/O units, harting plugs etc in pit area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Check all motor terminal connections in the driven rollers and free rolling calibration motors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Check motor terminals on wheel base and roller pitch motors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Visually inspect all motor cables and control cables for damage and wear.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Check the pit lighting is functioning correctly replace any damaged fittings or faulty lamps if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Check condition & security of all the safety guarding around the rollers. Make note of any damaged panels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Inspect all trunking, tray & conduits for signs of damage and security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Check operation of booth lighting, replace any faulty lamps or fittings if required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Ensure all warning indicators are functioning correctly within the booth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Check the functionality of the isolators on the entry & exit roller shutter doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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22	Check that the entrance/exit doors function correctly using the manual controls on the front of the control enclosures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Inspect for damage and security of all cabling on the entrance/exit doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Check the condition of the input/extraction control panel inside the booth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Check all electrical connections within the input/extract control panel inside the booth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Ensure all switches & indicators are functioning correctly on input/extract control panel inside the booth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Check the functionality of the main isolator for the ventilation panel on the booth roof	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Check condition of the ventilation panel, clean if required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Check all electrical connections within the ventilation panel for security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Inspect all contactors, relays & circuit breakers for any signs of damage or signs of overheating. Replace any suspect units immediately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Check all connections within the input & extract inverter drives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Check the electrical connections within each Belimo unit on the input fans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Check the motor connections on the input & extract fan motors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	Check the connections in the isolators for input & extract fan motors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Check the general housekeeping in the area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	Check the security and condition of the safety barriers, report any damage to your shift M.E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments, Note Task Number Adjacent To Any Issues Found
