



Heyday Group

Inspection & Test Checklist

ITC: 3A

MSB AND DB's

Client:	John Holland Group	Project Name:	Shoalhaven Hospital Redevelopment	Job No:	NEC00140	Sheet No:	
Contract Manager:	Brett Lavarto	Project Manager:	Michael McGeehan	Site Supervisor:	Andrew Cairns	Date:	
Check Authorised By:		Signature:		Check Delegated To:		Signature:	

Submain Details as per ITC 4A							
Area		Drawing No.					
From		To					
Cable No.		Cable Type		Cable Size		Length	Cores
MCCB Model		Rating (A)		Trip Unit		Trip Setting (A)	

CHECKLIST		
1	Visually Check Cable is -	<input checked="" type="checkbox"/>
	Approved Factory Acceptance Test completed?	<input type="checkbox"/>
	Switchboard is secure and ready for Consumer Main/Submain Installation	<input type="checkbox"/>
	Consumer Main/Submain Installed?	<input type="checkbox"/>
	Verify C/B Trip Settings are Correct.	<input type="checkbox"/>
	Consumer Main/Submain Test has been completed as per Heyday ITC-4A	<input type="checkbox"/>
	Are the connections tight, correct tension and marked?	<input type="checkbox"/>
	Switchboard is ready to be energised?	<input type="checkbox"/>

Pre Energisation Checks (AS/NZS 3000)							PASS	FAIL
2	Earth Continuity (Value must be less than 0.5 ohms)							
	Earth Size	FROM	TO	Point to Point Reading	Ω		<input type="checkbox"/>	<input type="checkbox"/>
3	BUSBAR Insulation Resistance Test (AS/NZS 3000)						PASS	FAIL
	RED TO WHITE	WHITE TO BLUE	BLUE TO RED				<input type="checkbox"/>	<input type="checkbox"/>
	RED TO BLACK	WHITE TO BLACK	BLUE TO BLACK					
	RED TO EARTH	WHITE TO EARTH	BLUE TO EARTH					

Post Energisation Checks (AS/NZS 3000)							PASS	FAIL
4	Phase Rotation							
	Clockwise →		□	Anti Clockwise ←			<input type="checkbox"/>	
5	Voltage Checks (AS/NZS 3000)						PASS	FAIL
	RED TO WHITE	WHITE TO BLUE	BLUE TO RED				<input type="checkbox"/>	<input type="checkbox"/>
	RED TO BLACK	WHITE TO BLACK	BLUE TO BLACK					
	RED TO EARTH	WHITE TO EARTH	BLUE TO EARTH					

Test Equipment	Brand/Model	Serial No.	Calibration Due	Tester	Date
Multimeter					
Insulation Resistance Tester					
Phase Rotation Meter					