



Client:	Project Name:	Project No:	
Area:	Drawing No's:	Date:	Sheet: 1 of 2
Check Conducted By:	Signature:	Check Approved By:	Signature:

INSPECTION CHECKLIST FOR: VSD

The below checks are to be completed by the Mechanical Contractor prior to start of associated fan or FCU commissioning

NO:	DESCRIPTION:	INSPECTION:		INSPECTION HISTORY			
				ACCEPTABLE:	DATE:	COMMENTS:	
<u>Quality Control</u>							
1	VSD type, model number and manufacturer approved for use	Yes	No	Yes	No		
2	VSD units not being used are correctly stored	Yes	No	Yes	No		
<u>Installation</u>							
3	Drawings on site are the latest issue	Yes	No	Yes	No		
4	VSDs are not damaged in anyway	Yes	No	Yes	No		
5	VSDs are installed in correct location as per approved drawings and equipment schedule	Yes	No	Yes	No		
6	VSDs are clearly labelled including number, manufacturer model number and duty	Yes	No	Yes	No		
7	Confirm adequate provision has been made to access the VSDs for maintenance and removal	Yes	No	Yes	No		
8	Confirm correct electrical connections to the VSDs have been made as per the manufacturers wiring schematic	Yes	No	Yes	No		
9	Confirm fuses or circuit breakers do not exceed the motor and VSD rating	Yes	No	Yes	No		
10	Confirm correct controls wiring has been installed to the controls company requirements	Yes	No	Yes	No		

NO:	DESCRIPTION:	INSPECTION:		INSPECTION HISTORY			
				ACCEPTABLE:	DATE:	COMMENTS:	
	Commissioning						
11	VSD powers up properly	Yes	No	Yes	No		
12	VSD stop button works	Yes	No	Yes	No		
13	Motor rotation is correct	Yes	No	Yes	No		
14	Minimum and maximum speeds reached using remote command	Yes	No	Yes	No		
15	VSD restarts automatically	Yes	No	Yes	No		
16	No disconnect on the load side of the VSD	Yes	No	Yes	No		
17	Critical frequencies have been programmed out	Yes	No	Yes	No		
18	Motor runs in bypass mode while servicing or removing VSD	Yes	No	Yes	No		
19	Motor overload protection and phase loss protection provided during bypass mode	Yes	No	Yes	No		
20	System starts and runs without any unusual noise or vibration	Yes	No	Yes	No		
21	Mark alterations, sizes + final location on As Built drawings for record purposes	Yes	No	Yes	No		

ADDITIONAL COMMENTS:
