



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: WATER-COOLED CHILLER**

The below checks are to be completed by the Mechanical Contractor prior to start up and chiller commissioning

NO:	DESCRIPTION:	INSPECTION:		INSPECTION HISTORY			
				ACCEPTABLE:	DATE:	COMMENTS:	
<b><u>Quality Control</u></b>							
1	Chiller type, model number and manufacturer approved for use	Yes	No	Yes	No		
2	Chillers not being used are correctly stored	Yes	No	Yes	No		
<b><u>Installation</u></b>							
3	Drawings on site are the latest issue	Yes	No	Yes	No		
4	Chiller is installed in the correct location as per approved shop drawings	Yes	No	Yes	No		
5	Confirm chiller meets approved equipment details including options specified	Yes	No	Yes	No		
6	Equipment is not damaged in any way, ensure no concealed damage	Yes	No	Yes	No		
7	Chiller is correctly mounted on vibration isolation springs as documented. Confirm springs provided are of the required static deflection and appropriately restrained	Yes	No	Yes	No		
8	Chiller is labelled clearly with number, model and manufacturer	Yes	No	Yes	No		
9	Marine water box provided or removable piping sections put in place for tube cleaning	Yes	No	Yes	No		
10	Confirm pipework connection to chiller are correct and	Yes	No	Yes	No		

NO:	DESCRIPTION:	INSPECTION:		INSPECTION HISTORY			
				ACCEPTABLE:		DATE:	COMMENTS:
	include all fittings and accessories as documented						
11	Confirm correct electrical connection of chiller	Yes	No	Yes	No		
12	Confirm all electrical interlocks are in accordance with chiller wiring schematic	Yes	No	Yes	No		
13	Confirm all manufacturer's installation requirements have been met	Yes	No	Yes	No		
<b>Commissioning</b>							
14	Confirm sump heater turned on 12 hours before first start of chiller	Yes	No	Yes	No		
15	Confirm chilled water pump achieve design flow rate through the chiller	Yes	No	Yes	No		
16	Confirm chiller manufacturer has attended site and commissioned the chiller	Yes	No	Yes	No		
17	Confirm high level interface is operational and is communicating all nominated points to the BMCS	Yes	No	Yes	No		
18	Mark alterations and sizes on final locations on AS Built drawings for records	Yes	No	Yes	No		

**ADDITIONAL COMMENTS:**

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