



**SERVICE APPOINTMENT DETAILS**

<b>Service Appointment</b>		<b>Account</b>		<b>Data Plate Present</b>	
<b>Log Sheet Reference</b>		<b>Model No</b>		<b>Freeze Point</b>	
<b>Project Name</b>		<b>Serial No</b>		<b>Condition of Unit</b>	
<b>Contract Type</b>		<b>Location</b>		<b>Chilled Water Set Point</b>	
<b>Refrigerant Type</b>		<b>Client Asset Ref</b>		<b>Glycol Present</b>	
<b>Number of Circuits</b>		<b>Manufacturer</b>		<b>Glycol %</b>	
<b>AV Mount Condition</b>		<b>Year of Manufacturer</b>			

<b>Circuit No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>Circuit No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Electrical / Control Systems</b>					<b>Evaporator</b>				
Check Controller Settings					Design Pressure Drop - Bar				
Compressor Run Hours					Actual Pressure Drop - Bar				
Compressor Starts					Chiller Load at Time of Log				
Compressor Rated Amps					Return Temp - ° C				
Compressor Running Amps					Leaving Temp - ° C				
Check Contactors					Evaporator Delta Tee				
Check Motor Terminals					Evaporator Approach				
Check Electrical Connections					Condition of Evaporator Insulation				
Check Overload & Record Settings									
Check Inv Heating/ Cooling					<b>Condenser</b>				
Control Panel Filters/ VFD Filters					Condenser Type				
Main Panel Interlock/ Isolator					Check Coil Condition				
Check Evaporator Heater					Ambient Temp - ° C				
Calibrate Sensors & Transducers					Air/ Water Temp Entering - ° C				
					Air/ Water Temp Leaving - ° C				
<b>Refrigerant System</b>					Number of Fans Installed				
Refrigerant Quantity					Number of Fans Running				
Refrigerant Leak Test					Condenser Approach Temp - ° C				
Check Refrigerant Charge - Kg					FSC/ VFD Total Running Amps				
Full Liquid Line Sight Glass					Check Copper Aluminium Connections				
Check Oil Level					Vacuum Coil Surfaces				
Check Oil Heaters Operate					Brush Condenser Coils				
Circuit Logged at									
Suction Pressure - Bar					<b>Safety Settings</b>				
Suction Saturated Temp - ° C					HP Cut Out (Manual Cut In)				
Suction Line Temp - ° C					LP Cut Out				
Suction Superheat					Check Evaporator Flow Switch				
EXV Position/ Steps					Check Condenser Flow Switch				
Discharge Pressure - Bar					Check Oil Safety Switch				
Discharge Saturated Temp - ° C					Check Freeze Stat				
Discharge Line Temp - ° C									
Discharge Superheat					<b>Chiller Mounted Water Pumps</b>				
Liquid Line Temp - ° C					Check Gland Seal (Visual)				
Subcooling					Motor Running Amps				
Temp Drop Across Dryer Cores					Condition of Insulation				
Confirm Compressor Loads & Unloads					Lubricate Bearings				
Economiser Operates Correctly					Operation of Non Return Valves				
Oil Pressure - Bar					Check Contactors & Overloads				
Oil Filter Pressure Drop - Bar					Check Motor Terminals				
					Check Auto Changeover				
<b>PRV</b>									
Low Side Set Pressure - Bar									
Low Side Expiry Date									
Dual Port Low Side									
High Side Set Pressure - Bar									
High Side Set Expiry Date									
Dual Port High Side									
<b>Completion</b>									
Confirm Set Points & Temperatures					Remedial Works Required				
Replace All Chiller Panels					Leave Site Tidy				
<b>Comments</b>									