|  |  |  |  |
| --- | --- | --- | --- |
| Project | 6523 Charlestown Day Surgery | Sub-Contractor | Equilibrium Air Conditioning |
| Scope of Works | Mechanical Services | Completed by & Date |  |
| Drw. No & Rev |  | System |  |
| Level |  | Area |  |
| Make & Model No |  | Serial No |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **Results** | | | **Comments** |
| Check panels are secure | Pass | Fail | N/A |  |
| Check for any damage | Pass | Fail | N/A |  |
| Check coil condition | Pass | Fail | N/A |  |
| Check shipping bolts have been removed | Pass | Fail | N/A |  |
| Anti-vibration Pads Installed | Pass | Fail | N/A |  |
| Unit & isolator labelled correctly | Pass | Fail | N/A |  |
| Check pipe work is complete (unit, valves & drain etc) | Pass | Fail | N/A |  |
| Check pipework has been insulated | Pass | Fail | N/A |  |
| Check drain connected at both ends | Pass | Fail | N/A |  |
| Check electrical is complete including isolator | Pass | Fail | N/A |  |
| Check filters have been installed | Pass | Fail | N/A |  |
| Supply voltage | Volts | | |  |
| Check all electrical connections are tight | Pass | Fail | N/A |  |
| Is the system earthed correctly | Pass | Fail | N/A |  |
| Has fire trip been connected and tested | Pass | Fail | N/A |  |
| Sufficient access to unit | Pass | Fail | N/A |  |
| Check air pressure switch for correct operation | Pass | Fail | N/A |  |
| Check chill water valve for correct operation | Pass | Fail | N/A |  |
| Cooling S/A temperature | C | | |  |
| Check hot water valve for correct operation | Pass | Fail | N/A |  |
| Heating S/A temperature | C | | |  |
| Check damper actuators have been installed & stroked correctly | Pass | Fail | N/A |  |
| Check for vibration and excessive noise | Pass | Fail | N/A |  |
| RA Temp | Pass | Fail | N/A |  |
| Dampers and spigots open | Pass | Fail | N/A |  |
| EDH fail safes | Pass | Fail | N/A |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Rated** | **Drawing** |  |
| Running Amps | Amps | Amps | Motor kW and RPM |
| Amps | Amps |  |
| Amps | Amps |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SETTINGS** | | Design flow rate | Flow rate | | Valve turns |
| CHW balancing valve settings | |  |  | |  |
| HHW balancing valve settings | |  |  | |  |
|  | | Design flow rate | Flow rate | | % or VSD Hz |
| **S/A Fan** | |  |  | |  |
| **R/A Fan** | |  |  | |  |
| **O/A Fan** | |  |  | |  |
| Fan Belt Size & Type |  | Filter Size | |  | | |

**Sign Off**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **NAME** | **POSITION** | **SIGNATURE** | **DATE** |
| Sub-Contractor Representative |  |  |  |  |
| EQAC Representative |  |  |  |  |
| Builder (if required) |  |  |  |  |
| Quality Check |  |  |  |  |