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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Description** | **Results** | | | | **Comments** | |
| Check panels are secure | Pass | Fail | | N/A |  | |
| Check for any internal damage | Pass | Fail | | N/A |  | |
| Check coil condition | Pass | Fail | | N/A |  | |
| Check shipping bolts have been removed | Pass | Fail | | N/A |  | |
| Check fan belt tension & pulley is aligned | 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 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 for maintenance | Pass | Fail | | N/A |  | |
| Check air pressure switch for correct operation | Pass | Fail | | N/A |  | |
| Check chilled 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 damper actuators operate correctly for economy cycle/ smoke pressurisation | Pass | Fail | | N/A |  | |
|  |  |  | |  |  | |
|  |  |  | |  |  | |
|  |  |  | |  |  | |
|  | **Rated** | | **Drawing** | | |  |
| **Fan Amps** | Amps | | Amps | | |  |
| 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** |  |  |  |

**Sign Off**

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