|  |  |  |  |
| --- | --- | --- | --- |
| 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 |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Description** | | | **Results** | | | | | **Comments** | | |
| Check for any visible damage | | | Pass | | Fail | N/A | |  | | |
| Sufficient access to fan | | | Pass | | Fail | N/A | |  | | |
| Check airflow direction is correct | | | Pass | | Fail | N/A | |  | | |
| Anti-vibration pads installed | | | Pass | | Fail | N/A | |  | | |
| Unit labelled correctly | | | 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 | |  | | |
| Check fan direction is correct | | | Pass | | Fail | N/A | |  | | |
| Check fan blades rotate freely | | | Pass | | Fail | N/A | |  | | |
| Has fan been fire tripped and tested | | | Pass | | Fail | N/A | |  | | |
| Has overload been set correctly | | | Pass | | Fail | N/A | |  | | |
| Check belt tension and pulley alignment is correct | | | Pass | | Fail | N/A | |  | | |
| Correct VSD parameters set as per motor spec | | | Pass | | Fail | N/A | |  | | |
| Motor kW RPM | | | Pass | | Fail | N/A | |  | | |
| Check all floor and branch dampers open | | | Pass | | Fail | N/A | |  | | |
| Fan free of vibration and excessive noise | | | Pass | | Fail | N/A | |  | | |
| Fan Data | Design flow rate |  | | Actual flow rate | | |  | | VSD Setting |  |

**Sign Off**

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