**Inspection Checklist – AHU System Rough In**

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| **Contractor:** | Dewpoint Group | | |  | **ITC No.** | | |  |
| **Area/Location:** |  | | |  | **Zone:** | | |  |
| **Drawing No:** |  | | | **Rev :** | | | |  |
|  | |  | | | |  |  | |
| **Item – Activity** | | **Acceptable** | | | | **N / A** | **Comment** | |
| **Yes** | **No** | | |
| **Duct Rough-In** | | | | | | | | |
| Installed as per Drawing | |  |  | | |  |  | |
| Are Heights as per drawing | |  |  | | |  |  | |
| Are the joints & corners sealed to comply with pressure (Pa) rating for the duct system? | |  |  | | |  |  | |
| Are all cleats installed | |  |  | | |  |  | |
| Insulation / passive fire wrap / coating acoustic wrap installed as per drawing? | |  |  | | |  |  | |
| AHU/FCU as per DPA equipment schedule? | |  |  | | |  |  | |
| Dampers and VCD’s installed & match schedule and left open? | |  |  | | |  |  | |
| Have MVCD’s & SD’s been labelled. | |  |  | | |  |  | |
| Have the open ends to duct been kept sealed during construction? (if applicable and where required) | |  |  | | |  |  | |
| Are all spigots / branches installed, sealed and left in the closed position? | |  |  | | |  |  | |
| Has Seismic been installed correctly as per DPA standard detail? | |  |  | | |  |  | |
| Have all penetrations been flashed correctly, i.e. smoke sealed / acoustic sealed. | |  |  | | |  |  | |
| Access panels installed as per drawing and accessible? | |  |  | | |  |  | |
| **Variable Air Volume (VAV)** | |  |  | | |  |  | |
| Are all VAV’s installed in their correct locations? | |  |  | | |  |  | |
| Do all VAV’s have access for commissioning and maintenance? | |  |  | | |  |  | |
| Has the VAV been supplied as per Dewpoint schedule? | |  |  | | |  |  | |
| Has the HPT (Top third and downstream ) & air flow switch been installed correctly | |  |  | | |  |  | |
| Has the identification label been mounted on the VAV? | |  |  | | |  |  | |
| **Electric Duct Heater (EDH)** | |  |  | | |  |  | |
| Thermal Lining installed? | |  |  | | |  |  | |
| Labelled? | |  |  | | |  |  | |
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| **Item – Activity** | **Acceptable** | | | **N / A** | **Comment** |
| **Yes** | **No** | |
| **AHU** | | | | | |
| Is the AHU installed in the correct location? |  |  | |  |  |
| Has the AHU seismic brackets been installed? |  |  | |  |  |
| Has the identification label been mounted on the AHU |  |  | |  |  |
| Have all the filters been installed? |  |  | |  |  |
| Have isolation mounts been installed? |  |  | |  |  |
| Are all AHU’s accessible for commissioning and maintenance? |  |  | |  |  |
| Have UV Emitters been fitted if in use? |  |  | |  |  |
| **ATTENUATORS** |  |  | |  |  |
| Are all attenuators installed correctly and with correct direction of flow? (Air on / Air off to Pods) |  |  | |  |  |
| Does the attenuator have appropriate supports? |  |  | |  |  |
| **Fire Dampers** |  |  | |  |  |
| Installed as per manufactures test report? |  |  | |  |  |
| Have nylon bolts and cleats been installed? |  |  | |  |  |
| Has the fire damper been left in the open position? |  |  | |  |  |
| Do all fire dampers have access for maintenance |  |  | |  |  |
| **Comments** | | | If an NCR is raised - # | | |
|  | | | Date Closed | | |
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| **Contractor:** | Dewpoint Group |  | **ICT No.** |  |
| **Area/Location:** |  |  | **Zone:** |  |
| **Drawing No:** |  | **REV:** | |  |

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| **Received by:** | | *Dewpoint Project Manager* | | Date: |
| **Inspected By** | **Site Foreman / Mgr** | | **Date** | **Project Manager** |
|  |  | |  | Bryce Dunbar |
|  |  | |  |  |