**Inspection Checklist – M-08 Plumbing Installation**

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| **Contractor:** |  | | |  | | **IC-PM No.** | | | | |  |
| **System:** |  | | |  | | **Zone:** | | | | |  |
| **Drawing No:** |  | | | **Specification Ref:** | | | | | | |  |
|  | | |  | | | |  |  | | | |
| **Item – Activity** | | | **Acceptable** | | | | **N/A** | **Comment** | | | |
| **Yes** | **No** | | |
| Is the pipe work installed as per the DPA workshop drawing, and schematic? | | |  |  | | |  |  | | | |
| Has the correct material type been used as noted on the DPA workshop drawing? | | |  |  | | |  |  | | | |
| Has the correct bracket size and type been used? | | |  |  | | |  |  | | | |
| Are pipe hanger spacings correct? | | |  |  | | |  |  | | | |
| Is piping supported correctly at changes of direction? | | |  |  | | |  |  | | | |
| Is pipe work straight, level, square and parallel? | | |  |  | | |  |  | | | |
| Have flange bolts been tightened correctly? | | |  |  | | |  |  | | | |
| Are the flange bolts the correct size and type? | | |  |  | | |  |  | | | |
| Have valves been free issued and checked against schedule | | |  |  | | |  |  | | | |
| Have valves been installed in correct location | | |  |  | | |  |  | | | |
| Have the correct size polyurethane (PU) blocks or insulation ferrules been used? | | |  |  | | |  |  | | | |
| Are flexible coupling / bellows installed correctly? | | |  |  | | |  |  | | | |
| Have the 15mm ball valves test points been installed across the pumps correctly? | | |  |  | | |  |  | | | |
| Has equipment been placed in correct location and orientation ( pumps, tanks, chillers ) | | |  |  | | |  |  | | | |
| All free issued equipment as per equipment schedules? i.e. chiller / pumps / buffer tank etc | | |  |  | | |  |  | | | |
| Are the air bleeds required and installed correctly? | | |  |  | | |  |  | | | |
| Are the pump springs installed and adjusted correctly? | | |  |  | | |  |  | | | |
| Is a drain valve fitted to the strainer? | | |  |  | | |  |  | | | |
| Has chiller seismic mounts been installed during placement of chiller? | | |  |  | | |  |  | | | |
| Has the strainer basket been removed before commissioning? | | |  |  | | |  |  | | | |
| **Inspected by:** | | *Sub-Contractor’s Site Foreman* |  | | | | Date | | |  | |
| **Checked by:** | | *DPA Site Foreman* |  | | | | Date | | |  | |
| System has been air leak testing (sampled) | | |  | | What date | | | |  | | |
| **Comments** | | | | | If an NCR is raised - # | | | | | | |
|  | | | | | Date Closed | | | | | | |
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| **Contractor:** |  | |  | **IC-Pm No.** | | |  |
| **System:** |  | |  | **Zone:** | | |  |
| **Drawing No:** |  | | **Specification Ref:** | | | |  |
|  | | | | | | | |
| **Item – Activity** | | **Acceptable** | | | **N/A** | **Comment** | |
| **Yes** | **No** | |
| Have flushing loops been installed as per schematic and valves in correct position for flushing | |  |  | |  |  | |
| Has dosing pot and expansion tank been installed as per schematic | |  |  | |  |  | |
| Has make up water been connected | |  |  | |  |  | |
| Have flow and return stickers been installed? | |  |  | |  |  | |
|  | |  |  | |  |  | |
| **Condensate Drain’s** | |  |  | |  |  | |
| Does the condensate drain have fall to the tundish(s)? | |  |  | |  |  | |
| Is there an air gap present between the top of the tundish and the end of the drain pipe? | |  |  | |  |  | |
| Has the condensate drain been tested by running a quantity of water through the drain? | |  |  | |  |  | |
| Has a hat section and warning tape been installed?  *(where applicable and where required)* | |  |  | |  |  | |
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| **Drawing No:** |  | **Specification Ref:** | |  |

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| **Other** | | | |  |  |  | |  |
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| **Comments** | | | | | If an NCR is raised - # | | | |
|  | | | | | Date Closed | | | |
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| **Received by:** | | *DPA Project Manager* | | | | | Date: | |
| **Authorised By** | **Site Foreman / Mgr** | | **Client** | | | | **Project Manager** | |
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