QC CHECKLIST: Niagara BACNET

This checklist is not all-inclusive of the requirements of this specification and should not be interpreted as such.

This checklist is for (check one:)

|  |  |  |
| --- | --- | --- |
| Pre-Construction QC Checklist Submittal | (Items 1-3) |  |
| Post-Construction QC Checklist Submittal | (Items 1-5) |  |
| Close-out QC Checklist Submittal | (Items 1-15) |  |

Initial and date each item in the spaces provided verifying that each requirement has been met.

| Items verified for Pre-Construction, Post-Construction and Closeout QC Checklists Submittal: | | | |
| --- | --- | --- | --- |
| Item | | Initial | Date |
| 1 | All DDC Hardware is numbered on Control System Schematic Drawings. |  |  |
| 2 | Signal lines on Control System Schematic are labeled with the signal type. |  |  |
| 3 | Local Display Panel (LDP) Locations are shown on Control System Schematic drawings. |  |  |

| Items verified for Post-Construction and Closeout QC Checklist Submittal: | | | |
| --- | --- | --- | --- |
| Item | | Initial | Date |
| 4 | All sequences are performed as specified using DDC Hardware. |  |  |
| 5 | Training schedule and course attendee list has been developed and coordinated with shops and submitted. |  |  |

| Items verified for Closeout QC Checklists Submittal: | | | |
| --- | --- | --- | --- |
| Item | | Initial | Date |
| 6 | Final As-built Drawings, including all Points Schedule drawings, accurately represent the final installed system. |  |  |
| 7 | Programming software has been submitted for all programmable controllers. |  |  |
| 8 | All software has been licensed to the Government. |  |  |
| 9 | O&M Instructions have been completed and submitted. |  |  |
| 10 | Training course has been completed. |  |  |
| 11 | All DDC Hardware is installed on a BACnet ASHRAE 135 network using either MS/TP in accordance with Clause 9 or IP in accordance with Annex J. |  |  |
| 12 | All DDC Hardware is BTL listed. |  |  |
| 13 | Communication between DDC Hardware is only via BACnet using standard services, except as specifically permitted by the specification. Non-standard services have been fully documented in the DDC Hardware Schedule. |  |  |
| 14 | Scheduling, Alarming, and Trending have been implemented using Niagara Framework objects and services, and BACnet Instrinsic Alarming as indicated. |  |  |
| 15 | All Properties indicated as required to be Writeable are Writeable and Overrides have been provided as indicated |  |  |

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(QC Representative Signature) (Date)