QC CHECKLIST: Niagara Lonworks

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 1-10) |  |
| Close-out QC Checklist Submittal | (Items 1-18) |  |

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. |  |  |
| 6 | All DDC Hardware except Niagara Framework Supervisory Gateways is installed on a TP/FT-10 Channel. |  |  |
| 7 | All Application Specific Controllers (ASCs) are LonMark certified. |  |  |
| 8 | Except for communication between two Niagara Framework Supervisory Gateways, Communication between DDC Hardware is only via <RID>CEA-709.1-D</RID> using SNVTs. Other protocols have not been used. Network variables other than SNVTs have not been used. Communication between Niagara Framework Supervisory Gateways is via Fox Protocol. |  |  |
| 9 | Explicit messaging has not been used. |  |  |
| 10 | Scheduling is performed in Niagara Framework Supervisory Gateways. |  |  |

| Items verified for Closeout QC Checklists Submittal: | | | |
| --- | --- | --- | --- |
| Item | | Initial | Date |
| 11 | Final As-built Drawings, including all Points Schedule drawings, accurately represent the final installed system. |  |  |
| 12 | Programming software has been submitted for all programmable controllers. |  |  |
| 13 | All software has been licensed to the Government. |  |  |
| 14 | O&M Instructions have been completed and submitted. |  |  |
| 15 | Training course has been completed. |  |  |
| 16 | The database in each Niagara Framework Supervisory Gateway is up-to-date and accurately represents the building control network beneath that Niagara Framework Supervisory Gateway. |  |  |
| 17 | Niagara Wizards have been submitted for all Application Specific Controllers (ASCs) for which a Wizard is available and for all Application Generic Controllers (AGCs). |  |  |
| 18 | Programming software has been submitted for all General Purpose Programmable Controllers (GPPCs) and all Application Generic Controllers (AGCs). |  |  |

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(QC Representative Signature) (Date)