DATE OF THIS VERSION (new)

November 1, 2016

TITLE OF DOCUMENT (new title if applicable):

23 09 23-Direct Digital Control System for HVAC

DATE OF VERSION BEING SUPERSEDED (old):

May 1, 2010

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

23 09 23-Direct Digital Control System for HVAC

SUMMARY OF CHANGES IN THIS VERSION:

2. Various sentences were revised from passive sense to imperative sense.
3. Par 1.1.D, replaced “NAC” with “UCU”
4. Deleted Par 1.1.F.
5. Paragraph 1.2. Deleted Sections 23 64 00 and 23 21 13
6. Par. 1.2. Added Sections 01 00 01, 01 00 02, 01 81 13, 01 91 00, 01 33 23, 01 42 19, 13 05 41, 23 08 00.
8. Par 1.3. Control Unit (CU), , deleted “residing on secondary LAN or Primary LAN, used for local controls or global controls”,
10. Par 1.4.B.3. deleted “Peer to peer controllers”.
11. Par 1.4.B Added “ventilation sequence…”
12. Par 1.4. Added Sections 01 81 13, 01 91 00, 23 08 00, 23 05 11
13. Deleted Spec Writer Note for Par 1.5.
14. Par 1.5. deleted “Graphic display”, graphic refresh”.
15. Par 1.5.A.8. deleted reporting accuracy for water temperature, relative humidity, water flow, air flows, air pressure, water pressure, electrical power, CO and CO2.
17. Par 1.6.B. Deleted modems, repeaters, pressure, flow and humidity, control valves, air flow measuring stations.
18. Par 1.6.B. Deleted “installation instructions for smoke dampers...”
19. Par 1.6.B.6 Added “Ensure all control diagrams shown on drawings are to be represented accurately by graphics on the system. Generic graphics lacking some components or have components not in the project are not acceptable.”
20. Par 1.7.
22. Par 2.1.A.2 Changed “Owner” to “Government”.
24. Par 2.1 Third Party Interfaces. Deleted “The other manufacturers and contractors...”
25. Par 2.2.A Deleted.
27. Par 2.2.D and E Deleted.
28. Par 2.3.B Deleted “The same names shall be used at the operator workstation”
30. Par 2.4.A Deleted “and Humidity”, “immersion” and immersion sensors
33. Par 2.6. Deleted Room Humidistats
34. Par 2.7.C.1 updated leakage rate.
35. Par 2.7.C.6 and 7 Relocated misplaced sentences.
36. Par 2.7.F Deleted.
37. Par 2.7.G deleted “valve”
39. Par 3.1.A Deleted “piping”
40. Par 3.1.C.2 and 4 Deleted.
41. Par 3.1.D Deleted.