

# Summary of Modifications/Changes in this Update

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U.S. Department of Veterans Affairs ♦ Office of Construction & Facilities Management

## **DATE OF THIS VERSION (new)**

November 1, 2016

## **TITLE OF DOCUMENT (new title if applicable):**

Common Work Results for Plumbing, 22 05 11

## **DATE OF VERSION BEING SUPERSEDED (old):**

May 1, 2010

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

Common Work Results for Plumbing, 22 05 11

## **SUMMARY OF CHANGES IN THIS VERSION:**

1. Deleted Note 2 of the Spec Writer Note regarding reference to gage pressure.
2. Added Note 4 of the Spec Writer Note regarding Safe Drinking Water Act.
3. 1.1.B.2 – Removed “Contractor's choice of an alternate material or method”.
4. 1.1.C - Added Abbreviations and Acronyms.
5. 1.2 – Updated specification sections with related work. Added additional sections. Deleted Section 23 07 11, HVAC AND PLUMBING INSULATION added Section 22 07 11, PLUMBING INSULATION.
6. Changed 1.6 APPLICABLE PUBLICATIONS to 1.3.
7. 1.3 – Revised applicable publications to their latest versions and added additional publications.
8. 1.4 – Added additional information regarding submitting shop drawings for approval and Installing Contractor to provide lists of previous installations.
9. 1.4 – Added additional information regarding the providing of a completely compatible and efficient installation.
10. 1.4 – Added Maintenance Data and Operating Instructions, information related to a Completed System Readiness Checklist, and training plans submission.
11. Changed 1.3 QUALITY ASSURANCE to 1.5.

12. 1.5 – Changed number of years a manufacturer had to be supplying and services from three to five years. Also added additional information regarding digital/electronic devices.
13. 1.5 – Added blanks for how far a service provider can be from site in case there is not a provider with in 100 miles and additional information of what is expected of providers.
14. 1.5 – Changed “Asbestos products... shall not be used.” to “Asbestos products... are prohibited.”
15. 1.5 – Added Bio-Based Materials.
16. 1.5 – Added additional information under Welding for qualifications/requirements.
17. 1.5 – Added additional information regarding layout drawings, installer qualifications, and unsatisfactory installs.
18. 1.5 – Added additional information regarding plumbing system.
19. 1.5 – Moved Cleanliness of Piping and Equipment Systems from DELIVERY, STORAGE AND HANDLING to QUALITY ASSURANCE and added additional information.
20. Changed 1.5 DELIVERY, STORAGE AND HANDLING to 1.6.
21. 1.6 – Revised paragraph about damaged equipment.
22. Added 1.7 AS-BUILT DOCUMENTATION.
23. Added 2.1 MATERIALS FOR VARIOUS SERVICES.
24. Changed 2.1 FACTORY-ASSEMBLED PRODUCTS to 2.2 FACTORY-ASSEMBLED PRODUCTS.
25. Changed 2.2 COMPATIBILITY OF RELATED EQUIPMENT to 2.3 COMPATIBILITY OF RELATED EQUIPMENT.
26. Added 2.4 SAFETY GUARDS
27. Changed 2.4 LIFTING ATTACHMENTS to 2.5 LIFTING ATTACHMENTS .
28. Changed 2.5 ELECTRIC MOTORS, MOTOR CONTROL, CONTROL WIRING to 2.6 ELECTRIC MOTORS, MOTOR CONTROL, CONTROL WIRING.
29. Added 2.6.B.3 Wire and cable materials....
30. Changed 2.6 VARIABLE SPEED MOTOR CONTROLLERS to 2.7 VARIABLE SPEED MOTOR CONTROLLERS.
31. Changed 2.7 EQUIPMENT AND MATERIALS IDENTIFICATION to 2.8 EQUIPMENT AND MATERIALS IDENTIFICATION.
32. Revised 2.8.E Valve Tags and Lists to include contacting station regarding valve numbering.
33. Changed 2.8 FIRESTOPPING to 2.9 FIRESTOPPING.
34. Changed 2.9 GALVANIZED REPAIR COMPOUND to 2.10 GALVANIZED REPAIR COMPOUND.
35. Changed 2.10 PIPE AND EQUIPMENT SUPPORTS AND RESTRAINTS to 2.11 PIPE AND EQUIPMENT SUPPORTS AND RESTRAINTS.
36. Revised 2.11 to bring up to date, removed reference to National Uniform Seismic Installation Guidelines (NUSIG) and to reference International Building Code, and added information regarding Pre-insulated Calcium Silicate Shields.
37. Changed 2.11 PIPE PENETRATIONS to 2.12 PIPE PENETRATIONS.
38. Added additional information regarding floor to floor penetrations and pipes passing through roof.
39. Changed 2.14 ASBESTOS from not permitted to prohibited.
40. Added paragraph 2.15 TOOLS AND LUBRICANTS.

41. Revised 3.1 ARRANGEMENT AND INSTALLATION OF EQUIPMENT AND PIPING to be more up to date to include verbiage such as “Damaged or defective items in the opinion of the COR shall be replaced at no additional cost or time to the Government.” And additional information about Interconnection of Controls and Instruments, Work in bathrooms, and housekeeping closets.
42. Revised 3.2.C TEMPORARY PIPING AND EQUIPMENT to be clearer about how far to remove temporary piping and dead legs for potable water systems.
43. Added paragraph 3.3 RIGGING.
44. Updated paragraph 3.5 LUBRICATION.
45. Changed 3.6 MECHANICAL DEMOLITION to 3.6 PLUMBING SYSTEMS DEMOLITION and updated as well.
46. Updated 3.8 IDENTIFICATION SIGNS.
47. Updated 3.9 STARTUP AND TEMPORARY OPERATION to include Commissioning Agent coordination.
48. Updated 3.10 OPERATING AND PERFORMANCE TESTS to include additional information regarding performance tests and Commissioning.
49. Added paragraph 3.11 OPERATION AND MAINTENANCE MANUALS.
50. Added paragraph 3.12 COMMISSIONING.
51. Added paragraph 3.13 DEMONSTRATION AND TRAINING.