

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:

June 1, 2016

TITLE OF DOCUMENT:

23 81 49, Ground-Source Heat Pumps

DATE OF VERSION BEING SUPERSEDED (old):

January 1, 2013

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

23 81 49, Ground-Source Heat Pumps

SUMMARY OF CHANGES IN THIS VERSION:

1. Section 1: Updated 1.1 Description to clarify scope and separation from HVAC heating equipment. Updated 1.2 Related Work references. Revised 1.4 Quality Assurance requirements for system warranties. Revised 1.5 Submittals to better coordinate with similar specifications. Updated 1.6 Applicable Publication to latest editions, removed unnecessary references, and added new references.
2. Section 2: Updated product requirements to materials in current use by at least three major manufacturers. Updated SPEC WRITER NOTES. Updated references to related VA Master Specification sections.
3. Section 3: Updated installation requirements to coordinate with related VA Master Specification sections. Added commissioning requirements.