

Summary of Modifications/Changes in this Update

This Summary of Changes is for information only.
It is not a part of the referenced document, and should not be used for project documentation.

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

DATE OF THIS VERSION (new)

March 1, 2023

TITLE OF DOCUMENT (new title if applicable):

Testing, Adjusting, and Balancing for HVAC , 23 50 93

DATE OF VERSION BEING SUPERSEDED (old):

February 1, 2020

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

Testing, Adjusting, and Balancing for HVAC , 23 50 93

SUMMARY OF CHANGES IN THIS VERSION:

1. General:
Added additional spec writer note instructions.
2. Made minor updates for consistency throughout the specification.
3. Updated section 1.2 Related Work
4. Updated section 1.3 Applicable Publications
5. Modified tolerances (air and water flow)
6. Updated TAB procedure
7. Added information on procedure for rooms with specific pressure relationships
8. Added additional testing requirements for autoflow valves
9. Added requirement to documents the crucial flow path

Summary of Modifications/Changes in this Update

This Summary of Changes is for information only.
It is not a part of the referenced document, and should not be used for project documentation.

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

DATE OF THIS VERSION:

February 1, 2020

TITLE OF DOCUMENT:

TESTING, ADJUSTING, and BALANCING for HVAC, 23 05 93

DATE OF VERSION BEING SUPERSEDED (old):

February 1, 2015

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

TESTING, ADJUSTING, and BALANCING for HVAC, 23 05 93

SUMMARY OF CHANGES IN THIS VERSION:

1. Provided a SPEC WRITER NOTE on the first page for updating and editing the Applicable Publication list. (Note reads "Provide the year of latest edition to each publication listed in Article 1.5 APPLICABLE PUBLICATIONS".)
2. Coordinated the Sections' titles through out the body of the section (PART 1 - GENERAL, PART 2 – PRODUCTS and Part 3 – EXECUTION).
3. Rearranged the sections accordingly and revised the list under ARTICLE 1.2 RELATED WORK.
4. Corrected the section titles throughout this section to match the master list on the TIL.
5. Added the following SPEC WRITER NOTE in Article 1.5 APPLICABLE PUBLICATIONS. (Insert the year of approved latest edition of the publications between the brackets and delete the brackets // // if applicable to this project.)
6. Updated the dates of the edition for the applicable publications and left the brackets in place for the Spec Writer to take an action.
5. Rearranged the sections accordingly and revised the list under ARTICLE 1.2 RELATED WORK.
8. Under Paragraph 1.1.B.1 changed Chapter 38 to 39 and changed 20011 ASHRAE Handbook to 2019 ASHRAE Hanbook.

9. Under Paragraph 1.3.D.1, Paragraph 1.3.D.2 and Paragraph 1.5.B changed Chapter 38 to Chapter 39 and changed 2007 ASHRAE Handbook to 2019 ASHRAE Handbook.
10. Under Paragraph 1.5.B changed Chapter 38 to Chapter 39, changed Chapter 48 to chapter 49, and changed 2011 ASHRAE Handbook to 2019 ASHRAE Handbook.
11. Added TABB -Testing, Adjusting and Balancing Bureau and SMACNA – Sheet Metal Contractors National Association through out the Section.
12. Changed Resident Engineer to COR in Paragraph 1.3.B.2.
13. Provided Critical Path Procedures requirements throughout the Section.
14. Corrected misspelled words and made general minor revisions.