

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:

September 1, 2023

TITLE OF DOCUMENT:

LOW-PRESSURE STEAM BOILERS, 23 52 28

DATE OF VERSION BEING SUPERSEDED (old):

March 1, 2023

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

LOW-PRESSURE STEAM BOILERS, 23 52 28

SUMMARY OF CHANGES IN THIS VERSION:

1. Natural gas pressure regulator to iron body.
2. Delete recycling pressure limit switch with automatic reset to a high pressure limit with manual reset.

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DATE OF THIS VERSION (new)

March 1, 2023

TITLE OF DOCUMENT (new title if applicable):

23 52 28 Low-Pressure Steam Boilers

DATE OF VERSION BEING SUPERSEDED (old):

February 1, 2023

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

Division 23 Specification

SUMMARY OF CHANGES IN THIS VERSION:

1. Replaced “will” with “shall”. Initial replacement was incorrect, this fixes that error.

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DATE OF THIS VERSION (new)

February 1, 2023

TITLE OF DOCUMENT (new title if applicable):

23 52 28 Low-Pressure Steam Boilers

DATE OF VERSION BEING SUPERSEDED (old):

November 1, 2021

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

Division 23 Specification

SUMMARY OF CHANGES IN THIS VERSION:

1. Replaced “shall” with “will”.
2. 2.2 Boiler Trim (Accessories) B.2. Steam Safety Valves:
 - a. Removed “Bronze or cast-iron” bodies,
 - b. Added “cast-steel” bodies ,
 - c. Removed “, O-ring EPDM seats on bronze valves”.
3. 2.2 Boiler Trim (Accessories) B.3. Steam Safety Valves:
 - a. Removed “Set pressures as shown”,
 - b. Replaced “lowest” with “highest”,
 - c. Removed “normal boiler plant operating pressure by more than”
 - d. Replaced “207 kPa (30 psig)” with “103 kPa (15 psig)”.
 - e. Removed “Provide 34 kPa (5 psig) difference in setting”
 - f. Edited last sentence to read as, “ All other safeties devices must be set below 103 kPa (15 psig) with adequate separation between set points to allow each safety device to trip in order, and to allow for a normal operating pressure suitable for the system.”

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DATE OF THIS VERSION:

November 1, 2021

TITLE OF DOCUMENT:

Section 23 52 28, Low-Pressure Steam Boilers

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2021

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

No change

SUMMARY OF CHANGES IN THIS VERSION:

1. Removed cast iron from the specification and replaced with cast steel.

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DATE OF THIS VERSION:

August 1, 2021

TITLE OF DOCUMENT:

Low-Pressure Steam Boilers, 23 52 28

DATE OF VERSION BEING SUPERSEDED (old):

April 1, 2020

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

Low-Pressure Steam Boilers, 23 52 28

SUMMARY OF CHANGES IN THIS VERSION:

1. Replaces the entire specification with a copy of the fire tube boiler specification with the Design and MAWP corrected for low pressure boilers.

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DATE OF THIS VERSION:

April 1, 2020

TITLE OF DOCUMENT:

Low Pressure Steam Boilers, 23 52 28

DATE OF VERSION BEING SUPERSEDED (old):

July 1, 2019

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

Low Pressure Steam Boilers, 23 52 28

SUMMARY OF CHANGES IN THIS VERSION:

1. Provided a SPEC WRITER NOTE on the first page for updating and editing the Applicable Publication list. (Provide the year of latest edition to each publication listed in Article 1.3 APPLICABLE PUBLICATIONS.)
2. Coordinated the Sections title 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 1.3 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 date of the Applicable Publications and left the brackets in place for the Spec Writer to take an action.
7. Corrected misspelled words and made general minor revisions.

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DATE OF THIS VERSION:

July 1, 2019

TITLE OF DOCUMENT:

Low-Pressure Steam Boilers, 23 52 28

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2017

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

Low-Pressure Steam Boilers, 23 52 28

SUMMARY OF CHANGES IN THIS VERSION:

1. Maximum allowable pressure for a low- pressure fire tube boiler has changed from 103 kPa (15 psig) to 345 kPa (50 psig). Modification occurs under Article 2.1, paragraph E

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DATE OF THIS VERSION (new)

August 1, 2017

TITLE OF DOCUMENT (new title if applicable):

Low-Pressure Steam Boilers, 23 52 28

DATE OF VERSION BEING SUPERSEDED (old):

None

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

Low-Pressure Steam Boilers, 23 52 25 (New Specification Section)

SUMMARY OF CHANGES IN THIS VERSION:

1. This is a new specification section for small steam boilers in small, stand-alone facilities that do not have access to steam from a central plant.