

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:

April 1, 2024

TITLE OF DOCUMENT:

Traction Elevator – New, 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

September 1, 2023

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

New Traction Elevator, 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

3.6 Pre-test and Test A. 1. The VA must obtain the services of an Independent Qualified Elevator Inspector, ANSI/ASME QEI-1 Certified, that must witness all tests.

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DATE OF THIS VERSION:

September 1, 2023

TITLE OF DOCUMENT:

Traction Elevator – New, 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

December 1, 2020

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

New Traction Elevator, 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

1.1 C. Add to 1st sentence: AC VVVF motor control

1.1 C. Change last sentence to: Elevator must be Class “A” loading rated as a minimum.

1.1 D. Add to 1st sentence – AC VVVF motor control

1.1 D. Change last sentence to: Elevator must be “Class C3” loading rated as a minimum.

1.1 E. Add to 1st sentence – AC VVVF motor control

1.1 E. Change last sentence to: Elevator must be Class “C1” loading rated as a minimum.

1.3 New section F: Identifying an elevator maintenance service provider that must render services within // one hour // two hours // of receipt of notification, together with certification that the quantity and quality of replacement parts stock is enough to warranty continued operation of the elevator installation.

1.4 New section: O. National Elevator Industry, Inc. NEII-1 Building Transportation Standards and Guidelines

- 1.7 Tool Cabinet Move to end of Part one and renumber section.
- 1.10 A. Change to: Elevator Controller Manufacturer.
- 2.2 D. Change 1st sentence to: Key operated switches provided for this elevator installation must be provided with four (4) keys for each individual switch or lock.
- 2.3 A. New 1st sentence: Provide new conduit and wireway.
- 2.5 A. 1st sentence add: new flexible traveling cables.
- 2.7 C. New paragraph: Microprocessor dispatching system must evaluate building traffic demand including number of elevators in service, hall calls, car calls, elevator position, direction of travel, load in elevator, door status, and select an elevator to answer hall calls for least possible passenger wait times.
- 2.9 C. Change end of last sentence to: function the same as on normal power or as follows:
- 2.9 C.1.h. Change 1st word to: Elevator(s).
- 2.10 A.3. Change to: Verify main and alternate floors with RE/CO or authorized representative.
- 2.12 Remove all references to "Card Readers".
- 2.18 A. Change to: Provide hoist rope compensation when required by elevator controller or drive machine manufacturer.
- 2.22 A. Change to: Provide a device, direct acting on the suspension means, to prevent.
- 2.24 C. New 1st sentence: Provide new counterweight guard.
- 2.30 Change title to: Leveling Device.
- 2.32 A. Change to: Provide new main car operating panel.
- 2.32 A. Add to 3rd sentence: "Vandal Resistant" car push buttons.
- 2.32 B. Delete: Swing return panel and tilt panel. Delete: and front of the side wall for freight elevators. Add to 3rd sentence: "Vandal Resistant" car buttons.
- 2.32 D.8. and E.5. Add: (Delete if inside service panel.)
- 2.32 D.10. Change 1st sentence to: Provide round "Vandal Resistant" car push buttons and indicator lights.
- 2.33 A.1. Add: Provide round "Vandal Resistant" car push buttons and indicator lights.
- 2.34 A. Delete: not less than. New : numerals and arrows 63 mm (2.5 in.)
- 2.37 G. Change to: "Vandal Resistant" hall buttons and indicator lights.
- 2.37 I. Remove: Landing push buttons Add: Hall call buttons.
- 2.40 B. Delete: extruded aluminum and nickel silver.
- 2.40 H. Delete: original paragraph Add: new paragraph.
- 2.40 I. New paragraph. 2.42.J. change end of last sentence to: the RE/CO or authorized representative.

2.40 L. Update paragraph.

2.43 A. Delete 1st sentence Add new 1st sentence : The platform must be designed to withstand the forces developed under loading class specified. 2nd sentence delete: aluminum and nickel silver.

2.43 C. Change to: Provide new isolation pads between the platform and platform frame. Use approved rubber pads or other approved material.

2.44 A. New: - minimum dome height of 244 cm (8 ft). New paragraphs N., O. and P. Add to 3rd sentence of Q. : RE/CO or authorized representative.

2.45 C.1. change sentence to: Doors must not open by power unless the elevator is in the leveling zone.

2.46 C. Add: LED light that must illuminate.

2.47 A. Change 1st sentence to: Hoistway doors must be power opened and closed.

2.51 A. New 1st sentence: Platform must be designed to withstand the forces developed under "Class C1" loading conditions

3.1 A. Add to 2nd sentence : RE/CO or authorized representative.

3.1 D. Edit sentence to: - trolley beams, beam supports and trap doors, etc.

3.4 A. Add to 1st sentence: After completion of.

3.4 D. Change 2nd sentence to: Clean and polish as required for type of material.

3.5 B. Change to: Hoist machine and motor must be painted with manufacturer's standard factory finish and color.

3.6 A. Add to 1st sentence: Resident Engineer/Contracting Officer or authorized representative.

3.6 P. New sentence: Evidence of malfunction in any tested system or parts of equipment that occurs during the testing must be corrected, repaired, or replaced at no additional cost to the Government, and the test repeated.

3.7 A. Change end of 2nd sentence to: Resident Engineer/Contracting Officer or authorized representative.

3.8 Change title to: GUARANTEE PERIOD of SERVICE: ELEVATOR MAINTENANCE SERVICE and INSPECTIONS

Replace the word "shall" with "must" in entire document.

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DATE OF THIS VERSION:

December 1, 2020

TITLE OF DOCUMENT:

NEW TRACTION ELEVATOR, 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2020

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

NEW TRACTION ELEVATOR, 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

- 1) 1.9 A. Add wording to include "Guarantee Period of Service"
- 2) 3.6 A.1. Change to The VA shall obtain-----
- 3) 3.8 Change Title: Elevator Guarantee period of Service: Maintenance Service and Inspections
- 4) 3.8 A. Change: Furnish complete maintenance service and inspections-----

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DATE OF THIS VERSION:

August 1, 2020

TITLE OF DOCUMENT:

New Traction Elevator, 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

October 1, 2019

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

New Traction Elevators, 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

Added second sentence to 1.12 A. The elevator drive machine and elevator controller shall be in the same code approved machine room.

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DATE OF THIS VERSION:

October 1, 2019

TITLE OF DOCUMENT:

New Traction Elevators, 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

October 1, 2018

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

Traction Elevator, 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

Updated sizes of elevator and interior cab design required for buildings other than medical facilities.

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DATE OF THIS VERSION:

October 1, 2018

TITLE OF DOCUMENT:

Traction Elevators 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

March 1, 2018

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

Electric Traction Elevators 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

Delete the word Electric from the title.

Made grammar corrections to document.

No major changes or updates.

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DATE OF THIS VERSION:

March 1, 2018

TITLE OF DOCUMENT:

Electric Traction Elevator, 142100

DATE OF VERSION BEING SUPERSEDED (old):

September 1, 2017

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

Electric Traction Elevator, 142100

SUMMARY OF CHANGES IN THIS VERSION:

3.6 PRE-TESTS AND TESTS

- A. Pre-test the dumbwaiter and related equipment in the presence of the Resident Engineer or his authorized representative for proper operation before requesting final inspection. Conduct final inspection at other than normal working hours, if required by Resident Engineer.
 1. Contracting Officer shall obtain the services of a third party QEI Certified Elevator Inspector. The QEI must utilize an Elevator Acceptance Inspection Form to record the results of inspection and all testing and to identify safety code and contract deficiencies. Specific values must be provided for all tests required by ASME A17.1, ASME A17.2, and contract documents. Upon completion of inspection and testing, the QEI must sign a copy of the completed form and provide to the Contracting Officer. Within 2 weeks of the inspection, the QEI must also prepare a formal inspection report, including all test results and deficiencies. Upon successful

completion of inspection and testing, the QEI will complete, sign, and provide a certificate of compliance with ASME A17.1.

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DATE OF THIS VERSION:

September 1, 2017

TITLE OF DOCUMENT:

14 21 00, Electric Traction Elevators

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2016

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

14 21 00, Electric Traction Elevators

SUMMARY OF CHANGES IN THIS VERSION:

1. Correction of metric and imperial dimensions

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DATE OF THIS VERSION:

August 1, 2016

TITLE OF DOCUMENT:

Electric Traction Elevators, 14 21 00

DATE OF VERSION BEING SUPERSEDED (old):

May 1, 2011

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

Electric Traction Elevators, 14 21 00

SUMMARY OF CHANGES IN THIS VERSION:

1. Codes and Standards updates.
2. Drive Machine and Controller required to be in same code approved Machine Room.
3. Changes to elevator enclosure construction.
4. Changes to corridor fixture requirements.