

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:

14 21 11 Traction Cartlift

DATE OF VERSION BEING SUPERSEDED (old):

September 1, 2023

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

14 21 11 Traction Cartlift

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:

14 21 11 Traction Cartlift

DATE OF VERSION BEING SUPERSEDED (old):

December 1, 2020

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

14 21 11 Traction Cartlift

SUMMARY OF CHANGES IN THIS VERSION:

Add to end of sentence: 1.1 C. and Class "C3" loading rated.

Change order of : 1.3 B. – G.

Change order of: 1.5 E. 5. – 10.

Add : 1.5 J. Provide certificates as required under: Paragraph "QUALIFICATIONS".

New section – 1.7 TOOL CABINET A. Provide a metal parts/tool cabinet, having two shelves and hinged doors. Cabinet size must be 1219 mm (48 in.) high, 750 mm (30 in.) wide, and 450 mm (18 in.) deep.

Re-number: 1.8 – 1.13

Edit 1st sentence: 2.2 D. Key operated switches furnished in conjunction with component of this cartlift installation, provide four (4) keys for each individual switch or lock.

New 1st sentence: 2.3 A. Provide new conduit and wireway.

Add to end of 2nd sentence: 2.5 A. in the machine room.

Edit 1st sentence: 2.5 D. Hardware cloth may be installed from the hoistway suspension point to the elevator pit to prevent traveling cables from rubbing or chafing and securely fastened and tensioned to prevent buckling.

New section: 2.6 C. Controller must be provided with wiring and components for additional future travel if required.

New section: 2.8 EMERGENCY POWER OPERATION

- A. The control system for Cartlift(s) must provide for the operation of at least one cartlift per group on emergency power upon failure of the normal power supply.
- B. Auxiliary equipment on elevator controllers, wiring between associated elevator controllers and wiring between cartlift controllers and remote selector panel as required to permit the cartlifts to operate as detailed, must be provided by the Elevator Contractor.
- C. Upon loss of normal power supply there must be a delay before transferring to emergency power of 10 seconds minimum to 45 seconds maximum, the delay must be accomplished through an adjustable timing device. After adjusting delay, the associated cartlift must function the same as on normal power.

Renumber sections: 2.8 - 2.19

New section: 2.20 ASCENDING ELEVATOR OVERSPEED PROTECTION

- A. Provide a device, direct acting on the suspension means, to prevent ascending over speed and unintended motion away from the landing.

Renumber sections: 2.21 - 2.30

Edit section : 2.30 EMERGENCY STOP SWITCHES

- A. Provide an emergency stop switch, push to stop/pull to run, for each cartop device, pit, machine spaces, service panel and firefighter's control panel inside the elevator. Mount stop switches in the pit adjacent to pit access door, at top of the pit ladder 1219 mm (48 in.) above the bottom landing sill and 1219 mm (48 in.) above the pit floor adjacent to the pit ladder.

New section: 2.31 IN CAR OPERATING PANEL

- A. Recess car operating panel into side wall to prevent damage from carts.
 - 1. Stop Switch - push to stop/pull to run, red with contrasting letters.
 - 2. Light Switch - Toggle Switch on/off.
 - 3. Access Enable Key Switch - on/off.

Renumber sections: 2.31 - 2.36

Change order of content: 3.5 PAINTING AND FINISHING

- A. All equipment, except specified as architectural finish, must be painted one coat of approved color, conforming to manufacturer's standard.
- B. Hoist machine, motor, must be factory painted with manufacturer's standard finish and color.
- C. Controller, sheave, car frame and platform, counterweight, beams, rails and buffers except their machined surfaces, cams, brackets, and all other uncoated ferrous metal items must be painted one factory primer coat or approved equal.
- D. Stencil or apply decal floor designations not less than 100 mm (4 in.) high on hoistway doors, fascia, or walls within door restrictor areas. The color of paint used must contrast with the color of the surfaces to which it is applied.
- E. Cartlift hoisting machine, controller, governor, main line shunt trip circuit breaker, safety plank, and cross head of car must be identified by 100 mm (4 in.) high numerals and letters located as directed. Numerals must contrast with surrounding color and must be stenciled or decaled.

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DATE OF THIS VERSION:

December 1, 2020

TITLE OF DOCUMENT:

Traction Cartlift, 14 21 11

DATE OF VERSION BEING SUPERSEDED (old):

March 1, 2020

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

Traction Cartlift, 14 21 11

SUMMARY OF CHANGES IN THIS VERSION:

- 1) 1.8 A. Add wording to include "Guarantee Period of Service".
- 2) 3.6 A.1. The VA shall obtain the services-----
- 3) 3.8 Cartlift Guarantee Period of Service: Maintenance Service and Inspections
- 4) 3.8 A. Update paragraph.

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DATE OF THIS VERSION:

March 1, 2020

TITLE OF DOCUMENT:

Traction Cartlift, 14 21 11

DATE OF VERSION BEING SUPERSEDED (old):

October 1, 2018

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

Traction Cartlift, 14 21 11

SUMMARY OF CHANGES IN THIS VERSION:

Updated Format

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

DATE OF THIS VERSION:

October 1, 2018

TITLE OF DOCUMENT:

Traction Cartlift 14 21 11

DATE OF VERSION BEING SUPERSEDED (old):

March 1, 2018

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

Electric Traction Cartlift 14 21 11

SUMMARY OF CHANGES IN THIS VERSION:

Delete the Electric from title.

Made grammer ccorrections to document.

No major changes or updates.

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DATE OF THIS VERSION:

March 1, 2018

TITLE OF DOCUMENT:

Electric Traction & Winding Drum Dumbwaiter, 141211

DATE OF VERSION BEING SUPERSEDED (old):

September 1, 2017

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

Electric Traction & Winding Drum Dumbwaiter, 141211

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 11 Electric Traction Cartlift

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2016

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

14 21 11 Electric Traction Cartlift

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 and Winding Drum Dumbwaiter, 14 12 11

DATE OF VERSION BEING SUPERSEDED (old):

May 5, 2011

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

Electric Dumbwaiters Geared Traction and Winding Drum, 14 12 11

SUMMARY OF CHANGES IN THIS VERSION:

1. Codes and Standards updates