

Document and Log Book Changes to CECA's MCPs

Elevator – Electric, Hydraulic, Dumbwaiter

2013 Code:

January 5, 2016

- Revised 8.6.1.6.3

December 19, 2019

- Added 8.6.4.11 + Oil Loss Records to the Log books.

2016 Code:

October 20, 2021

- **We have corrected an error on the 2016 EHD Document and Log Book.** 8.6.11.14 Examination after Shutdown - broken suspension member was incorrectly labelled 8.6.11.13 (this code has been changed). We also added 8.6.11.13 Occupant Evacuation Operation as a placeholder. It is a placeholder since there are no jobs with OEO in Canada.
- BC: From 2016, any additional AHJ requirements are addressed in separate sheets – note the folder marked “Additional BC requirements”.
- New Brunswick & the Maritime provinces (other than Newfoundland): At present only New Brunswick has issued an MCP Bulletin, please find attached.
- Saskatchewan: There are no additional requirements that we know of from this AHJ.

July 14, 2022

Logbook:

8.6.4.17 Ascending car overspeed and unintended car movement protection from the 6 months (6R) to a recommended frequency interval not exceeding **12 months (12R)**

Procedures (changes underlined):

2	Frequency
2.1	Recommended interval not exceeding 12 months.

Procedures:

- Updated the **2016 EHD Document** section 7 Wiring Diagrams to a more general and all encompassing section 7 On-site Documentation.

2019 Code:

October 20, 2021

- **We have corrected an error on the 2019 EHD Document and Log Book.** 8.6.11.14 Examination after Shutdown - broken suspension member was incorrectly labelled 8.6.11.13 (this code has been changed). We also added 8.6.11.13 Occupant Evacuation Operation as a placeholder. It is a placeholder since there are no jobs with OEO in Canada.

December 20, 2021

Logbook:

8.6.5.4 Tank Level – maintenance frequency changed from 1R (1 month recommended) to **3R*** (3 month recommended)

Procedures (changes underlined):

Frequency
Recommended interval not exceeding 3 months. For single bottom cylinders recommended interval not exceeding one month.
A17.2 or Other Reference Requirements
Item: 2.39. Low Oil Protection.
8.6.5.8 requires replacement of all single bottom cylinders or addition of safeties or plunger gripper.

Logbook:

8.6.5.7 Record of Oil Usage – maintenance frequency changed from 1R (1 month recommended) to **3R*** (3 month recommended)

Procedures:

Frequency
Recommended interval not exceeding three months.
Recommended interval for single bottom cylinders not to exceed one month.

Procedures:

Task Name	8.6.5.11 Cylinder Corrosion Protection and Monitoring	Scope:	H
Notes			
1	Program Procedures		
1.1	Check corrosion protection monitoring means and repair if required (where applicable).		
2	Frequency		
2.1	Recommended interval not exceeding 12 months. May be extended with other mitigating factors such as low oil timer, plunger gripper, etc.		
3	A17.2 or Other Reference Requirements		
3.1	None.		

Task Name	8.6.11.2 Two-Way Communication Means	Scope:	E, H
Responsibility	Owner		
Notes	The two-way communications means shall be checked annually by authorized personnel.		
1	Program Procedures		
1.1	Verify two-way communication is established.		

1.2	Verify the visual signal indicator is functioning to indicate help is on the way (for B44-02).
1.3	Verify the answering personnel can identify the building location and the elevator number (for B44-02).
1.4	<u>Verify</u> that two-way communications into the car is functioning.
1.5	<u>Verify the answering personnel have video display to observe passengers in the car (for B44-19).</u>

Task Name	8.6.11.13 Occupant Evacuation Operation (OEO)	Scope:	E, H, D
Responsibility	Contractor		
Notes	All elevators provided with Occupant Evacuation Operation shall be subjected, by authorized personnel, to a check of the operation in conjunction with the fire alarm system testing in accordance with the requirements of NFPA 72. <u>As of January 1, 2022, there are no elevators in Canada with OEO.</u>		

Logbook:

8.6.4.19.5 Normal and Final Terminal Stopping Devices. ~~Terminal Speed Limiting.~~ (updated with the reference to Terminal Speed Limiting deleted).

8.6.4.19.12 Added A17.2 reference 3.23.2.1 (c)

8.6.4.19.13 Added A17.2 references 3.23.2.1 (a) 3.23.2.1 (b)

(added in procedures too)

Task Name	CAT 5 8.6.4.20.11 Emergency Brake / <u>CAT 5 8.6.4.20.11(a) Emergency Brake and Ascending Car Overspeed Protection / CAT 5 8.6.4.20.11 (b) Emergency Brake and Unintended Car Movement Protection</u>	Scope:	E
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Task Name	CAT 5 8.6.4.20.4 Driving Machine Brake(s) (ALTERNATIVE TEST)	Scope:	E, D
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Removed "H" from the Scope.

July 14, 2022

Logbook:

8.6.4.17 Ascending car overspeed and unintended car movement protection from the 6 months (6R) to a recommended frequency interval not exceeding 12 months (12R)

Procedures (changes underlined):

2	Frequency
2.1	Recommended interval not exceeding <u>12 months.</u>

Procedures:

- Updated the **2019 EHD Document** section 7 Wiring Diagrams to a more general and all encompassing section 7 On-site Documentation.

November 14, 2022

Logbook:

In the general MCP, we updated the “Oil Loss Record” to its code name “Record of Oil Usage” and made the document to code. A more detailed “Oil Loss Monitoring Record” was added to the TSSA Additional requirements for Ontario document.

Procedures (changes underlined):

General Clerical changes. There were a few instances where we referred to the 2016 code instead of the 2019 code so that was updated.

Updated 8.6.5.7 to read and piping:

Task Name	8.6.5.7 Record of Oil Usage	Scope:	H
Notes			
1	Program Procedures		
1.1	Where all or part of a cylinder and piping is not exposed for visible examination, a written record shall be kept of the quantity of hydraulic fluid added to the system and emptied from the leakage collection container and pan.		

2022 Code:

February 8, 2024

Procedures:

Purpose, Safety Message and Other Notes

7. On-site Documentation

Added:

- Unique Software Identifier(s) (USI(s)) of the executable software as applicable.
- The documentation for the engineering test of skirt panels deflection for units installed or altered under A17.1-2019 and later editions.
- USI(s) of the executable software associated with the relevant functions in 2.26.1.7.1 and 3.26.11.1 (see also 2.26.1.7.3).
- The documentation for the engineering test of skirt panels deflection for units installed or altered under A17.1-2011 and later editions (see 8.3.xx.5)
- procedures for inspections, maintenance, replacements, adjustments, and repairs for escalator\moving walk dynamic braking means (See I-15, 6.1.5.3.4)

Logbook:

8.6.4.6: Brakes **(Brake and Emergency Brake)** – residual pads, linings, pins, levers, springs and guide bushings, discs and drums, brake coil, plunger **and contamination**.<added “(Brake and Emergency Brake)” “and contamination”>

Procedures:

Machine Room Maintenance Procedures - updated 8.6.4.6 to include the following highlights. Note 1.3 in 2019 MCP is now 1.6.

Task Name	8.6.4.6 Brakes (Brake and Emergency Brake)	Scope:	E, D
Notes			
1	Program Procedures		
1.1	Run the car Up and Down and check the operation of the brakes.		

1.2	Inspect the following items (including proper lubrication or free operation): residual pads, linings and lift (ie running clearance), pins and levers, springs, sleeves and guide bushings, disc and/or drum, brake coil and plunger.
1.3	Verify the brake will stop and hold an empty car.
1.4	Check brake for pad contamination, Repair or replace as required and perform testing per 8.6.4.20.4
1.5	Check emergency brake for pad contamination, Repair or replace as required and perform testing per 8.6.4.20.11
1.6	Before returning the elevator to service, if any part of the driving machine brake is changed or adjusted that can affect the holding or decelerating capacity, a test complying with 8.6.4.20.4 shall be performed.
1.7	Before returning the elevator to service, if any part of the driving machine emergency brake is changed or adjusted that can affect the holding or decelerating capacity a test complying with 8.6.4.20.11 shall be performed.
2	Frequency
2.1	Mandated interval not exceeding 12 months.
3	A17.2 or Other Reference Requirements
3.1	Item: 2.17. Drive Machine Brake.
3.2	Item 2.43 Emergency brake, ascending car overspeed, and unintended car movement protection.

Procedures:

Updated 8.6.4.11 Runby to include section 1.5.

Task Name	8.6.4.11 Runby	Scope:	E, H, D
Notes			
1	Program Procedures		
1.1	With the elevator level with the top terminal landing, verify the distance from the top of the buffer to the contact point on the counterweight does not exceed the value marked on the Counterweight Runby Data Plate and never exceed a maximum of 900 mm (35 in.). (see A17.1 section 1.3 definitions Runby).		
1.2	With the car parked at the bottom terminal landing, verify the distance from the top of the buffer to the contact point on the car plus the stroke of the buffer do not exceed 600 mm (24 in.).		
1.3	If the counterweight strikes the buffer when at the top terminal landing, ensure it is compressed by less than 25% of the stroke.		
1.4	If stools are removed to adjust the overall length of the counterweight, ensure top of car clearances are not affected.		
1.5	When hoistropes are first shortened, ensure the month and year is recorded on the rope data tag.		
2	Frequency		
2.1	12 months, as needed following rope replacement or shortening.		
3	A17.2 or Other Reference Requirements		
3.1	Item 5.2		
3.2	A17.1/B44- 8.6.4.11, 8.6.5.10, 2.4.2, 2.4.3, 2.4.4 & 2.4.5, 3.4.2, 3.4.3, 3.4.6, 7.1.4, 7.4.6		

Procedures:

Updated 8.6.11.4 Cleaning of Hoistway Transparent Enclosures. 1.1 to 1.4 revised. 1.5 & 1.6 were eliminated.

Task Name	8.6.11.4 Cleaning of Hoistway Transparent Enclosures	Scope:	E, H
Responsibility	Owner		
Notes	This procedure applies for observation style elevators. Authorized personnel assigned to clean must be given copies of the procedure and must be trained in the procedure.		
1	Program Procedures		
1.1	A written procedure shall be made and posted onsite and available to the AHJ. Include instructions for authorized personnel to remove power from the elevator.		
1.2	The procedure shall include hazards and safety precautions to be followed when working in the hoistway.		
1.3	All personnel assigned to clean the hoistway and clear enclosures shall be provided a copy of the procedure.		
1.4	A record of authorized personnel shall be kept and made available to the AHJ.		

2	Frequency
2.1	Recommended interval of document verification every 12 months.
3	A17.2 or Other Reference Requirements
3.1	Refer to 8.6.11.4 of A17.1/B44 for code requirements.

Logbook:

Added:

8.6.11.15: Presence of Elevator Personnel when Motor Controllers are Located in Public Spaces	E, H, D			REFER TO MCP FOR DETAILS. Record as appropriate in the Repair and Replacement log.
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Procedures:

Added:

Task Name	8.6.11.15 Presence of Elevator Personnel when Motor Controllers are Located in Public Spaces	Scope:	E, H, D
Responsibility	Contractor		
Notes			
1	Program Procedures		
1.1	Motor controller doors shall be closed and locked when mechanic is not present.		
2	Frequency		
2.1	At all times.		
3	A17.2 or Other Reference Requirements		
3.1	See 2.7.6.3. of A17.1/B44.		

Logbook:

Added:

8.6.11.16: RIO	E, H			REFER TO MCP FOR DETAILS.
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Procedures:

Added:

Task Name	8.6.11.16 RIO	Scope:	E, H
Responsibility	Owner		
Notes			
4	Program Procedures		
4.1	When changes are made to secure access floor(s) through RIO (Remote Interactive Operation).		
4.2	Changes shall be provided to authorized personnel.		
4.3	Records shall be kept in hard copy or electronically for 5 years and made be available to the AHJ.		
5	Frequency		
5.1	At all times		
6	A17.2 or Other Reference Requirements		
6.1	See 8.6.11.16 of A17.1/B44.		

Logbook:

Added:

8.6.4.19.21	System to Monitor and Prevent Automatic Operation of the Elevator with Faulty Door Circuits	E, H						
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Procedures:

Added:

Test	8.6.4.19.21 (Electric) and 8.6.5.14.12 (Hydraulic) System to Monitor and Prevent Automatic Operation of the Elevator with Faulty Door Circuits	Scope:	E, H
Notes			
1	Test Procedures		
1.1	A written test procedure shall be provided as part of the on-site documentation and demonstrates that the elevator meets the applicable requirements of 2.26.5		

Logbook:

Added:

8.6.5.14.11	Plunger Gripper	H	5.17.2					
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Procedures:

Added:

Task Name	CAT 1 - 8.6.5.14.11 Plunger Gripper	Scope:	H
Notes			
1	Test Procedures		
1.1	Item: 5.17.2		

Escalator and Moving Walkways

2016 Code:

July 14, 2022

Procedures:

- Updated the **2016 EHD Document** section 7 Wiring Diagrams to a more general and all encompassing section 7 On-site Documentation.

2019 Code:

July 14, 2022

Procedures:

- Updated the **2019 EHD Document** section 7 Wiring Diagrams to a more general and all encompassing section 7 On-site Documentation.

2022 Code:

February 27, 2024

Logbook ESC:

Escalator Maintenance Tasks - added 8.6.8.16 (Moved from 8.6.8.15.24 as it is no longer a CAT 1 but frequency stays the same.)

8.6.8.16: Maintenance of Seismic Devices	ESC	12M													
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Procedures ESC:

Escalator Maintenance Procedures - added 8.6.8.16 (Moved from 8.6.8.15.24 as it is no longer a CAT 1 but frequency stays the same.)

Task Name	8.6.8.16 Maintenance of Seismic Devices	Scope:	ESC
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Notes

- 1 Program Procedures:**
1.1 Device shall be maintained to manufacturer's recommendations.
2 Follow manufacturers procedures.

Logbook ESC:

CAT 1 Test Requirements Escalators - added:

8.6.8.15.4	Driving machine & brake torque tests.	8.4.2						
	With Dynamic Braking see written checkout procedure.							

Procedures ESC:

CAT 1 - 8.6.8.15.4 Drive Machine and Brake updated to include 1.5 and 1.5.1

- 1.5 Escalators and Moving Walks with Dynamic Braking
1.5.1 OEM or Contractor to provide written checkout procedure in accordance with 8.6.8.15.4(a),(b) & (c)

Logbook ESC:

Deleted: CAT 1 - 8.6.8.15.24 Maintenance of Seismic Devices as it is no longer a CAT 1 (see 8.6.8.16 as it was added as a Maintenance Procedure)

Renumbered in the code of the CAT 1 - 8.6.8.15.24 Skirt Obstruction Devices (previously 8.6.8.15.25) and 8.6.8.15.25 Testing of Alternative Arrangements and ASME A17.7/ B447 – Confirming Equipment (previously 8.6.8.15.26).

Procedures ESC:

Deleted: CAT 1 - 8.6.8.15.24 as it is no longer a CAT 1 (see 8.6.8.16 as it was added as a Maintenance Procedure)

Renumbered in the code of the CAT 1 - 8.6.8.15.24 Skirt Obstruction Devices (previously 8.6.8.15.25) and 8.6.8.15.25 Testing of Alternative Arrangements and ASME A17.7/ B447 – Confirming Equipment (previously 8.6.8.15.26).

Logbook MW:

Moving Walks Maintenance Tasks - added 8.6.8.16 to the end of the tasks (Moved from 8.6.8.15.24 as it is no longer a CAT 1 but frequency stays the same.)

8.6.8.16: Maintenance of Seismic Devices	MW	12M												
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Procedures MW:

Moving Walk Maintenance Procedures - added 8.6.8.16 to the end of the procedures (Moved from 8.6.8.15.24 as it is no longer a CAT 1 but frequency stays the same.)

Task Name	8.6.8.16 Maintenance of Seismic Devices	Scope:	ESC
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Notes

- 3 Program Procedures:**
3.1 Device shall be maintained to manufacturer's recommendations.
4 Follow manufacturers procedures.

Logbook MW:

CAT 1 Test Requirements Moving Walks added:

8.6.8.15.4	Driving machine and brake torque tests.	10.4.2					
	With Dynamic Braking see written checkout procedure.						

Procedures MW:

CAT 1 - 8.6.8.15.4 Drive Machine and Brake updated to include 1.5 and 1.5.1

- 1.5 Escalators and Moving Walks with Dynamic Braking
- 1.5.1 OEM or Contractor to provide written checkout procedure in accordance with 8.6.8.15.4(a),(b) & (c)

Logbook MW:

Deleted: CAT 1 - 8.6.8.15.24 Maintenance of Seismic Devices as it is no longer a CAT 1 (see 8.6.8.16 as it was added as a Maintenance Procedure)

Renumbered in the code of the CAT 1 - 8.6.8.15.25 Testing of Alternative Arrangements and ASME A17.7/ B447 – Confirming Equipment (previously 8.6.8.15.26).

Procedures MW:

Deleted: CAT 1 - 8.6.8.15.24 as it is no longer a CAT 1 (see 8.6.8.16 as it was added as a Maintenance Procedure)

Renumbered in the code of the CAT 1 - 8.6.8.15.25 Testing of Alternative Arrangements and ASME A17.7/ B447 – Confirming Equipment (previously 8.6.8.15.26).