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Policy: Dangerous Conveyance Shut-Down

Purpose: To describe the procedure for shutting down a dangerous Conveyance

Scope: AHJ (CP&D Director & CP&D Development Services Coordinator), Conveyance Owner, Conveyance Contractor

Definitions:

1. **Acceptance Test:** a required safety test on a new installation or alteration performed by the Conveyance Mechanic and witnessed by the AHJ Inspector.
2. **AHJ (Authority Having Jurisdiction):** The City of Black Hawk, as the Authority Having Jurisdiction, is responsible for enforcing the requirements of a code, and standards for approving equipment, materials, an installation, or a procedure. conveyance@cityofblackhawk.org
3. **AHJ Inspector:** The Conveyance Inspector hired by the AHJ, who holds a current Conveyance Inspector License issued by the Division of Oil and Public Safety within the Colorado Department of Labor and Employment, is employed by an Approved by the AHJ to inspect a conveyance and is not affiliated with the Conveyance Contractor whose Repair, Alteration or Installation is being inspected. conveyance@cityofblackhawk.org
4. **AHJ Inspector's Account Manager:** The Account Manager for the Conveyance Inspector hired by the AHJ. Responsible for all administration, scheduling, and invoicing. The point of contact and liaison between the AHJ Inspector and the AHJ.
5. **Alteration, Major:** An alteration that is extensive in scope warrants a complete witnessed Acceptance Inspection and applicable tests. Ex. controller, signal fixtures, rotating equipment, drive (multiple components), fire alarm, fire recall.
6. **Alteration, Minor:** An alteration that is minor in scope, such that it only warrants the specific components(s) being altered to be tested and inspected. Ex. cab finishes, valve work, power unit install, door operator replacement, re-rope/brake suspension, escalator handrails.
7. **Annual Safety Test:** a required safety test performed by the Conveyance Mechanic and witnessed by the AHJ Inspector.
8. **ASME:** American Society of Mechanical Engineers
9. **ASME A17.1:** Adopted Safety Code for Elevators and Escalators
10. **Bluebeam Revu:** The AHJ and AHJ Inspector use this software to review all Conveyance and Building permit submittals.
11. **Certificate, Certificate of Construction Operation (CCO):** A document issued by the AHJ that allows the temporary operation of a conveyance to support construction activities without permitting conveyance access to the public. Operating the Conveyance requires 2-way communication and a full-time operator.
12. **Certificate, Certificate of Operation (CO):** A document issued by the AHJ for each Conveyance that indicates the Conveyance has the required safety inspections and tests.

- 13. Certificate, Dormant:** An inspection by the AHJ Inspector must be performed to ensure that the OPS requirement for Conveyance Made Dormant has been met. Following this inspection, a Dormant Certificate will be issued. A Conveyance shall not be made dormant for more than 5 years. At the end of 5 years the Conveyance Owner shall obtain a valid Certificate of Operation or remove the Conveyance from Service.
- 14. Certificate, Removed from Service:** An inspection by the AHJ Inspector must be performed to ensure that the OPS requirement for Conveyance Removed from Service has been met. Following this inspection, a Removed from Service Certificate will be issued. Once a Conveyance has been Removed from Service, the only way to put it back into service is to bring it up to all currently adopted codes and a Certificate of Operation issued. No TCO may be issued when placing a Removed from Service Conveyance back into service.
- 15. Certificate, Shut Down:** A document issued by the AHJ if there are Life Safety concerns or the TCO requirements are not met within the allotted time frame. Once a Shut Down Certificate is issued, the Conveyance Owner has 6 months to bring the Conveyance into compliance. After 6 months, the Conveyance Owner must decide if they will make the Conveyance Dormant or Remove it from Service.
- 16. Certificate, Temporary Certificate of Operation (TCO):** A document issued by the AHJ that allows temporary operation of a conveyance for public use if no imminent life safety issues are not identified following the inspection of the Conveyance by the AHJ Inspector. A TCO is only valid for 60 days from the date of inspection.
- 17. CommunityCore:** AHJ's online permit and inspection portal.
- 18. Compliance Month:** The month of the year in which the Certificate of Operation expires; it will always be the month of the last Five-Year Witness Test.
- 19. Conveyance:** A mechanical device described as an elevator, platform lift, dumbwaiter, escalator, or moving walk.
- 20. Conveyance Contractor:** A Contractor licensed with the Division of Oil and Public Safety within the Colorado Department of Labor and Employment and contracted by the Conveyance Owner to perform their maintenance and repairs. Conveyance Mechanics must hold a current OPS license.
- 21. Conveyance Owner:** The Conveyance Owner (General Manager or Facilities Manager) is solely responsible for maintenance, scheduling inspections, and repairs to the Conveyances.
- 22. Conveyance Reporting Spreadsheet:** AHJ Excel spreadsheet used to track all Conveyance activity.
- 23. Dangerous Conveyance:** A conveyance that poses imminent danger to passengers or inspection/maintenance personnel or equipment.
- 24. Dumbwaiter:** As defined in ASME A17.1: a hoisting or lowering mechanism equipped with a car that moves within an electric driving machine.
- 25. Elevator:** As defined in ASME A17.1: a hoisting or lowering mechanism, equipped with a car that moves within guides and serves two or more landings.
- 26. Escalator:** As defined in ASME A17.1: a power-driving inclined, continuous stairway used for raising or lowering passengers.
- 27. Five-Year Witness Test:** a required complete safety test (more rigorous and thorough than the Annual Safety Test) performed every five years by the Conveyance Mechanic and witnessed by the AHJ Inspector.
- 28. Hoistway:** An opening through a building or structure for the travel of a conveyance in which car rails have been installed.

- 29. Injury:** An injury is one that results in death or requires medical treatment (other than first aid) administered by a physician or by registered professional personnel under the standing orders of a physician. The medical treatment does not include first aid treatment or one-time treatment and subsequent observation of minor scratches, cuts, burns, splinters, and any other minor injuries that do not ordinarily require medical care even though treatment is provided by a physician or by registered professional personnel.
- 30. Inspection, Emergency Life Safety:** An inspection requested due to an evacuation, dangerous Conveyance, or accident caused by a Conveyance during regular business hours or outside normal business hours.
- 31. Inspection, Outside Regular Business Hours:** Any non-emergency life safety inspection requested outside of Monday through Thursday between 7:00 a.m. and 4:00 p.m.
- 32. Inspection, Regular Business Hours:**
The AHJ Inspector conducts inspections Monday through Thursday between 7:00 a.m. and 4:00 p.m. Failure on the part of the Conveyance Owner, Conveyance Contractor to be onsite and/or ready at the specified date and time of inspection will result in the Conveyance Owner being invoiced a full charge inspection and subject to re-inspection fees.
- 33. Maintenance Control Program (MCP):** A documented set of maintenance tasks, maintenance procedures, examinations, and tests designed to ensure that equipment is maintained in compliance with the requirements of the currently adopted edition of ASME A17.1 and the Sec 2-3-3 of the OPS regulations; provided and maintained onsite by the Conveyance Contractor.
- 34. Material Lift Type B:** A powered hoisting and lowering mechanism used for carrying material and on which only the operator or the person necessary for unloading and loading the material is permitted to ride.
- 35. Memorandum of Agreement (MOA):** An agreement executed between the Colorado Department of Labor and Employment, Division of Oil and Public Safety (OPS) and the City of Black Hawk (AHJ) for local jurisdiction regulation of conveyances, renewable every five years.
- 36. Moving Walk:** As defined in ASME A17.1: A type of passenger-carrying device on which passengers stand or walk and in which the passenger-carrying surface remains parallel to its direction of motion and is uninterrupted.
- 37. NetSuite:** Business management software.
- 38. OPS:** Oil and Public Safety Division within the Colorado Department of Labor and Employment; <https://ops.colorado.gov/Conveyances>
- 39. Platform Lift:** As defined in ASME A17.1: a powered hoisting and lowering mechanism designed to transport mobility-impaired persons on a guided platform that travels vertically or on an incline.
- 40. Specified Scheduled Maintenance Intervals** are defined by the City of Black Hawk as the maintenance schedule agreed upon between the Conveyance Contractor and the Conveyance Owner. See amendment AHJ_Inspections_Final **C. Maintenance Control Program (MCP)**

Procedure:

- I. **Shut Down:** If the AHJ Inspector or Conveyance Contractor determines a Conveyance to pose an imminent danger to passengers or equipment, the Conveyance will be Shut Down.
 - A. **AHJ Inspector:** If the AHJ Inspector determines that a conveyance poses an imminent danger to passengers or inspection/maintenance personnel or equipment, the AHJ Inspector shall:

1. Immediately revoke the CO and issue a Shut Down Certificate for the Conveyance.
 2. Immediately notify the AHJ and the Conveyance Owner of the condition of the Conveyance.
 3. Once the Conveyance Owner has contacted the Conveyance Contractor, the AHJ Inspector verifies the Conveyance Contractor follows the appropriate **Lock Out/Tag Out** procedure of the Conveyance's mainline disconnect switch.
- B. Conveyance Contractor:** If the Conveyance Contractor determines that a conveyance poses an imminent danger to passengers or inspection/maintenance personnel, the Conveyance Contractor shall:
1. Follow the appropriate **Lock Out/Tag Out** procedures of the Conveyance's mainline disconnect switch.
 2. Notify the AHJ Inspector to inspect the Conveyance to ensure the appropriate **Lock Out/Tag Out** procedures were followed, the AHJ Inspector revokes the CO and issues a Shut Down Certificate

II. Notification:

- A.** The AHJ Inspector or Conveyance Contractor notifies the AHJ and Conveyance Owner.
- B.** They email the Conveyance Owner at the appropriate email and the AHJ/AHJ Inspector at conveyance@cityofblackhawk.org with the following information:
1. Business Name
 2. Contact Name
 3. Contact Phone Number
 4. Contact Email Address
 5. Conveyance Address
 6. Details of the Conveyance Condition
 7. Conveyance Number

III. Initial Inspection by AHJ Inspector:

- A.** The AHJ Inspector inspects the Conveyance and revokes the Certificate of Operation.
- B.** A TCO cannot be issued for Shut Down items.
- C.** The AHJ Inspector must submit the inspection ticket, Shut Down Certificate, and invoice to the AHJ within 24 hours.
- D.** The AHJ issues the Shut Down Certificate and submits the invoice to Finance for payment.

IV. Repairs:

- A.** The Conveyance Owner applies for any required permits through [CommunityCore](#) as a minor or major alteration. (Refer to SOP_AHJ Conveyance Permits)

- B. Repairs must be completed within six (6) months from the date of Shut-Down.
- C. If the repairs cannot be made within six (6) months, the AHJ Inspector will reach out with directions on making the unit Dormant or Removed from Service.

V. Re-inspection of Shut Down Conveyance:

- A. Inspections for permitted items must be scheduled by the Property Owner through [CommunityCore](#) (Refer to SOP_ AHJ Conveyance Inspections.)
- B. A TCO cannot be issued for a Shut Down Conveyance.
- C. The AHJ Inspector must submit the inspection ticket, CO certificate, and invoice within 10 business days to the AHJ.
- D. The AHJ issues the CO Certificate and submits the invoice to Finance for payment.

Related Documents:

Conveyance / SOP_AHJ Conveyance Accident Reporting
 Conveyance / SOP_AHJ Conveyance Certificates_Invoicing
 Conveyance / SOP_AHJ Conveyance Elevator Entrapment
 Conveyance / SOP_AHJ Conveyance Inspections
 Conveyance / SOP_AHJ Conveyance Permits

References:

[Black Hawk, CO | \(cityofblackhawk.org\)](http://cityofblackhawk.org)

Quality Records

Title	Location Kept	Duration Kept	Disposal Method