



COLORADO

**Department of
Regulatory Agencies**

Division of Professions and Occupations

Business and Inspections Branch
Passenger Tramway Safety Board

February 27, 2017

Mr. Benjamin Beresford
Mountain Manager
Hesperus Ski Area
P.O. Box 187
Hesperus, CO 81326

RE: Annual Unannounced Inspection

Dear Mr. Beresford:

Attached is the Annual Unannounced Inspection report and invoice for your area.

In accordance with the Colorado Passenger Tramway Safety Board's rules and regulations, a signed letter must be received by the Board office within twenty-eight (28) days from the completion date of the inspection stating all deficiencies in the Annual Unannounced Inspection report have been remedied.

A response letter may be faxed or emailed to the Board office to comply with the deadline.

Please reference all tramways listed in the report and address each deficiency individually. Letters that do not address each deficiency individually will not be accepted by this office.

Recommendations to the area operator, comments and observations are not classified as deficiencies. "Recommendations to the Board" will be discussed by the Board at the next regular meeting.

Sincerely,

Nicki Cochrell
Program Manager

Attachments



**ANNUAL UNANNOUNCED INSPECTION
HESPERUS SKI AREA
INSPECTION COMPLETED FEBRUARY 21, 2017**

PREPARED FOR:

**COLORADO PASSENGER TRAMWAY SAFETY BOARD
1560 BROADWAY, SUITE 1350
DENVER, COLORADO 80202**

PREPARED BY:

**ALPINE DESIGN, INC
PETER BELAU, P.E.
1053 CLOUD CAP AVENUE
PAGOSA SPRINGS, CO 81147
970-946-8595**

February 25, 2017

Colorado Passenger Tramway Safety Board
1560 Broadway, Suite 1350
Denver, CO 80202

**RE: ANNUAL UNANNOUNCED INSPECTION
HESPERUS SKI AREA
INSPECTION COMPLETED FEBRUARY 21, 2017**

HP-001

Dear Board Members:

Enclosed is the Annual Licensing Inspection of the tramway at Hesperus Ski Area. This report is made pursuant to Sections 25-5-712 and 25-5-715 of the Colorado Revised Statutes (2008).

I conducted the inspection on February 20-21, 2017 and was accompanied by Ben Beresford. A copy of the preliminary report for the inspection was given to James Coleman on February 21, 2017.

The tramways referenced in this report have been inspected according to established procedures. Except for the deficiencies noted in the report, I did not observe any unreasonable safety hazards, nor any violations of the statute of the May 15, 2016 edition of the Rules and Regulations of the Colorado Passenger Tramway Safety Board.

The deficiencies listed in this report must be corrected and responded to within 28 days from the completion date of the inspection.

Sincerely,

ALPINE DESIGN, INC.



2/25/2017

Peter Belau, P.E.
Tramway Inspector

SPECIFIC DEFICIENCIES

CHAIRLIFT (HP-001)

A. Lower Terminal

1. 4.2.1.1 Electrical Code – Label the electric service disconnect for the lift.
2. Table D-1 Required Signs - Locate the Wait Here sign at the loading area where passengers should wait for the chairs to pass before moving to the loading point.
3. Table D-1 Required Signs - Post a sign to exclude unauthorized entry into the lift operators shelter.
4. F.1.4 Flammable Materials - The gasoline for the auxiliary engine should be limited to 2 gallons in a UL listed container, and stored either in an outside storage container or in a UL listed cabinet.
5. 4.3.2.4.2 Daily Preoperational Inspection - Check the operation of all braking systems and all manual and automatic switches daily during the daily preoperational inspection.

B. Lift Line and Midway Station

6. F.7.1 Liquefied Petroleum Gases - Secure the propane tank to the structure.
7. 4.3.3.1 General Maintenance - Cover the hole adjacent to the lift attendant's shelter at the midway unloading station to prevent the attendant from stepping into the hole.
8. Table D-1 Required Signs - Post the 'Prepared to Unload' signs so they are visible to passengers on the lift as they approach the midway and top unloading areas.

C. Upper Terminal

9. F.7.1 Liquefied Petroleum Gases - Secure the propane tank to the structure.
10. 4.3.3.1 General Maintenance – Repair the emergency stop circuit so the counterweight travel limit switches, the tower deropment switches, the stop gate, and the emergency shutdown button function to stop the lift.
11. 4.3.2.4.2 Daily Preoperational Inspection - Check the operation of the counterweight travel limit switches, the stop gate, the tower deropment circuit, and the emergency shutdown switch each day during the daily preoperational inspection.

D. Record Keeping

12. 4.3.5.1 Operational Log - Complete an operational log, including a record of compliance with the daily preoperational inspection, every day before public operation of the lift. The daily operational log and daily preoperational inspection records were incomplete or missing for almost every day in January and February to date.
13. 4.3.5.2 Maintenance Log - Include the date that work is performed on the maintenance work orders.
14. 4.3.3.1 General Maintenance – Perform the maintenance work as scheduled. Only three of the eight weekly mechanical work orders were completed to date.
15. **PREVIOUS DEFICIENCY** 4.3.3.2 Maintenance Personnel - Document the training of all maintenance personnel. This is a previous deficiency from the annual licensing inspection that was not corrected. That previous deficiency is as follows:

4.3.3.2 Maintenance Personnel - Document the training of all maintenance personnel.
16. **PREVIOUS DEFICIENCY** 4.3.4.3 Carrier Inspection - Of the 33% of the chair clips taken from the chairs on the lift, 13 of 21 failed the NDT inspection. Perform the additional NDT inspection required due to the rejected clips. This is a previous deficiency from the annual licensing inspection that was not corrected. That previous deficiency is as follows:

4.3.4.3 Carrier Inspection - Complete the NDT inspection of 33% of the clips taken from the chairs on the lift, and perform any additional NDT inspection if required due to rejected clips.
17. **PREVIOUS DEFICIENCY** 4.3.4.3.1 Carrier Inspection Plan - Update the NDT inspection procedures for the lift. This is a previous deficiency from the annual licensing inspection that was not corrected. That previous deficiency is as follows:

4.3.4.3.1 Carrier Inspection Plan - Update the NDT inspection procedures for the lift.
18. 4.3.4.3.2 Carrier Inspection Documentation - Obtained the required carrier inspection documentation for the NDT inspection of the chair clips.
19. 4.3.2.1 Personnel and Supervision - The lift must be operated by trained personnel. The lift operators were generally not familiar with the emergency procedures or daily preoperational inspection procedures. There was no documentation of the training of most of the operators.
20. 4.3.3.2 Maintenance Personnel – the lift must be maintained by trained and competent personnel. The current management and maintenance personnel do not generally comply with operational rules and safety regulations of lift, including scheduled maintenance work, daily preoperational inspections, and record keeping requirements.