



**Dora**  
Department of Regulatory Agencies

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## NOTICE OF RULE MAKING HEARING

Pursuant to section 25-5-704 (1) (a) of the Colorado Revised Statutes, you are hereby advised that the Colorado Passenger Tramway Safety Board will be holding a public rule making hearing on Thursday, February 23, 2012, commencing at 9:00 a.m. at 1560 Broadway, Conference Room 1250-C, Denver, Colorado for the purpose of considering the following.

The Board will consider the revision and adoption of the following rules and regulations:

<b>Rule 1.5</b>	<b><u>Quality assurance programs</u> (revise)</b>
<b>Rule 1.5.1</b>	<b><u>Design</u> (adopt)</b>
<b>Rule 1.5.2</b>	<b><u>Manufacture</u> (adopt)</b>
<b>Rule 1.5.3</b>	<b><u>Construction</u> (adopt)</b>
<b>Rule 1.5.4</b>	<b><u>Operation and maintenance</u> (adopt)</b>

Please be advised that the revision and adoption of these rules may be changed after public comment and formal hearing.

At the time and place stated in this notice, the Colorado Passenger Tramway Safety Board will afford interested parties an opportunity to submit written data, views, or arguments, and to submit briefly (3 minutes per item) the same orally if they so desire. **It is requested that written testimony be submitted to the Colorado Passenger Tramway Safety Board at least ten (10) days prior to the rule making hearing.** All submissions will be considered.

Dated this 28<sup>th</sup> day of October, 2011.

BY ORDER OF THE COLORADO PASSENGER TRAMWAY SAFETY BOARD

Angeline Kinnaird Linn, Program Director

~~1.5 Quality assurance programs. Critical components shall be designed, manufactured, installed, and operated in accordance with a quality assurance program. A quality assurance program shall be one that assures that the critical components comply with applicable standards, specifications, and requirements of the authority having jurisdiction.~~

~~The program for the design of these components shall verify and document the use of properly selected load factors or allowable stresses based on the conditions of loading and design life. The program shall also verify and document the use of analysis, calculations, and checking procedures.~~

~~The program for the manufacture of these components shall verify and document that fabricated and supplied parts conform to the design plans and specifications.~~

~~The program for the installation of these components shall verify and document that the installed parts conform to the design plans and specifications.~~

~~For the area operator, as defined in C.R.S. 25-5-702(1), the program shall verify and document that the in use periodic testing requirements of the designer and manufacturer are completed by qualified personnel.~~

~~This rule shall apply to all critical components manufactured and installed after January 1, 1992.~~

## **1.5 Quality assurance program.**

Written Quality Assurance (QA) programs shall be developed and utilized to ensure the integrity of the design, manufacture, installation, operation, and maintenance of passenger ropeways. The objective of these QA programs is to assure that passenger ropeways meet the applicable requirements of this standard.

### **1.5.1 Design.**

A Qualified Engineer shall design, or be in responsible charge of the design of new and modified passenger ropeways (see 1.4 – *Qualified Engineer* ).

The designer's QA program for new, modified, or relocated ropeways shall include verification and documentation of the design criteria. This program shall include calculations, analysis, and checking procedures.

For relocated ropeways the designer of the relocation shall be responsible for the establishment of the QA program for that installation. The designer shall describe what QA methods were used for the various components of the relocated ropeway. These methods may include sampling procedures, nondestructive testing, and prior satisfactory "in use" service.

### **1.5.2 Manufacture.**

The ropeway manufacturer's QA program for ropeways shall include verification and documentation that manufactured parts conform to the design criteria. For relocated ropeways, this requirement is for newly manufactured parts only.

### **1.5.3 Construction.**

For new or modified ropeways, a qualified engineer shall certify to the owner that the construction and installation has been completed in accordance with the final design criteria for such work.

The installer's QA program for all new or modified ropeways, including rope tows, shall include verification and documentation that the ropeways installation conforms to the design criteria.

### **1.5.4 Operation and maintenance.**

The owner's QA program for all ropeways shall include verification and documentation that the ropeway is operated and maintained in accordance with the design criteria, including the performance of in-use periodic testing by qualified personnel.

## **STATEMENT OF BASIS AND PURPOSE**

The basis for the revision and adoption of the following rules is C.R.S. 25-5-704 (1) (a).

The purpose for the revision of Rule 1.5 Quality Assurance programs and the adoption of ANSI Rule 1.5.1 Design, 1.5.2 Manufacture, 1.5.3 Construction, 1.5.4 Operation and maintenance is to repeal the existing Colorado Rule 1.5 and adopt the existing ANSI Rule 1.5, 1.5.1, 1.5.2, 1.5.3, 1.5.4 and remove the rope tow exclusions that is currently in the ANSI standard.

The revision and adoption of these rules shall become effective May 15, 2012.