

New Technology Variance 14-01, Schindler Governor Rope Size

February 6, 2014

Mr. Vincent Robibero – Corporate Codes Consultant
Schindler Elevator Corporation
20 Whippany Road
Morristown, NJ, 07869

Re: Application for New Technology Variance -“Schindler Governor Rope Size”

Dear Mr. Robibero:

The Department is pleased to inform you that your request for a New Technology Variance for the 6 mm diameter governor ropes have been approved contingent on the following conditions:

1. This approval is based on information submitted for the 6 mm Product, Steel Wire Rope. In particular, Schindler submitted 3rd Party ANSI AECO A17.7-2007 certification of the 6 mm rope that states in Section 2: “The governor rope complies with the A17.1-2010”.

Any deviation from the product submitted for approval that would violate any provision of the current or any future adopted standard would require another New Technology Variance application and approval by the Department. Changes that do not result in a violation of any current or future adopted standard will not require another New Technology Variance application. Changes in the design of the approved wire rope product that do not negatively impact the safety factors provided or the ultimate breaking strength or be a violation of any current or future adopted standard will not require another New Technology Variance application, but will require notice in writing to the Department documenting said changes.

2. The requirements for which these New Technology Variances are based on the ASME A17.1-2007 edition of the Safety Code for Elevators which is the currently adopted standard. The approvals are granted for:

- **Requirement 2.18.5.1 minimum diameter of governor ropes**

3. The safety factors for the 6 mm diameter governor ropes must meet the code requirements stated in the documents submitted for approval.

4. The pitch diameter of governor sheaves and governor tension sheaves shall comply with the requirements of 2.18.7.4 and Table 2.18.7.4 and 2.24.2.2 respectively.

5. Until such time as the 6 mm diameter governor ropes are fully compliant with the adopted standard in Texas, all sales contracts for equipment utilizing 6 mm governor

ropes will contain a clause that informs buyers that this product has been approved under the New Technology provisions of Chapter 754. As an alternative, you may provide buyers with a copy of this approval letter in lieu of a clause in the sales contract.

6. A copy of this approval letter shall be maintained in the Maintenance Control program for the life of the equipment or until such time as the equipment meets all adopted standards.

7. Until such time as the 6 mm diameter governor ropes are fully compliant with the adopted standard in Texas, a quarterly report of the installation of the equipment with these ropes shall be provided to the Department on a quarterly basis within 10 calendar days of the end of each quarter, beginning with the quarter ending February 28, 2014. The report shall contain, at a minimum, the street address, manufacturer's identifying number, and the equipment decal number.

This approval shall apply to all Schindler 6 mm diameter governor ropes installations installed anywhere in the State of Texas, except the City of Houston. The City of Houston will also need to review this product for installation approval within their jurisdiction. That approval must be requested directly from the City of Houston.

The approval by the Department shall remain in effect unless revoked. A copy of this approval will be made available to all licensed inspectors and will be posted on the Department website. Inspectors shall be informed that the requirements covered by the above variances are not to be cited on any inspection reports. No waivers or delays will be required.

If you agree with the conditions contained in this approval letter, please so indicate by signing and dating a copy of this letter and returning it to me for our files. If we can be of any further assistance in this matter, please do not hesitate to contact us.

Sincerely,

David Gonzales
Regulatory Programs Manager
Building and Business Section
Compliance Division - TDLR