



SAFETY ORDER

No: SO-P4 081222 4

INSPECTION REQUIREMENTS FOR LEITNER POMA SHEAVE ASSEMBLIES

Date of Issue: December 22, 2008

This safety order is being issued pursuant to section 31 of the Safety Standards Act. A person affected by this safety order may appeal this order, in writing, to the Safety Standards Appeal Board in accordance with Section 51 of the Safety Standards Act. It is an offence under section 72 not to comply with a safety order.

Part 1: Details of Regulated Work or Regulated Product

This safety order applies to **all sheave assemblies on all Leitner Poma fixed grip and detachable grip above surface passenger ropeways.**

An incident involving the failure of a vertical adjusting bolt on a Leitner Poma 8 passenger detachable gondola has been reported to the British Columbia Safety Authority. The incident occurred December 20, 2008 at approximately 11:00 am PST. It has been determined that a vertical adjusting bolt for the main axle on the uphill sheave assembly of a gondola support tower failed. The haul rope moved out of the normal running position on the sheaves and the cable position switch (CPS) functioned as designed and stopped the ropeway prior to a deropement. A manual evacuation was initiated. Once the sheave assembly was repaired, the remaining passengers on the lift were evacuated using the main drive. Approximately 100 passengers were on the lift at the time of the incident.

Part 2: Requirement(s) of this safety order

All operators of Leitner Poma fixed grip or detachable grip above surface passenger ropeways are hereby ordered to inspect all affected sheave assemblies and ensure;

- That all vertical and horizontal adjusting bolts are intact, tight and adjusted as per manufacturer's specifications.
- That all lift maintenance personnel are aware that both vertical and horizontal adjustment bolts must be loosened when sheave assemblies are adjusted for alignment.
- That all U-bolts holding the main sheave axle are tight and that all U-bolts on both compression and support towers are torqued according to manufacturer's specifications.
- That all main support axle bushings on all sheave assemblies are properly lubricated and all sheave assemblies are free moving. If your installation is equipped with greaseless rubber bushings, all these shall be adjusted and operating as per manufacturer's specifications.

All affected Leitner Poma sheave assemblies shall be inspected within four days of receipt of this order. If any of the sheave assembly components noted above do not meet manufacturer's specifications, the installation shall be removed from service immediately and the BC Safety Authority notified. In this instance the operator will contact the manufacturer to ascertain appropriate repair procedures. Once repairs have been completed to the manufacturer's specifications permission to return the passenger ropeway to service shall be requested from the BC Safety Authority.

Complete the attached response form and fax to the British Columbia Safety Authority New Westminster office (fax number 604-660-6661 c/o Greg Paddon) upon completion/verification that the above noted requirements have been complied with. Completed forms shall be received by the Provincial Safety Manager no later than Jan 1, 2009.



Part 3: Details of Issue (if applicable)

This safety order is being issued to all passenger ropeway operators who operate Leitner Poma fixed grip and detachable grip above surface passenger ropeways.

Part 4: Details of Ordering Safety Manager or Safety Officer – Please read following page

I certify that I am authorized to issue this safety order in accordance with section 15 (d) of the Safety Standards Act or that I have been delegated this power under section 15 (g) of the Safety Standards Act.

Greg Paddon
Provincial Safety Manager – Passenger Ropeways & Amusement Devices

Date: December 22, 2008

Safety Standards Act:

Safety Orders

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- (1) To prevent, avoid or reduce risk of personal injury or damage to property, a provincial safety manager may, in writing, issue a safety order.
 - (2) A safety order may be issued to any person in relation to any of the following:
 - (a) regulated work or regulated products generally;
 - (b) a specific class of regulated product or regulated work;
 - (c) a specific regulated product or regulated work.
 - (3) For certainty, a safety order issued under this section may apply to
 - (a) regulated work that meets the requirements under this Act,
 - (b) regulated work that previously met the requirements under this Act or a former Act but does not meet the current requirements under this Act,
 - (c) regulated products that meet the requirements under this Act, or
 - (d) regulated products that previously met the requirements under this Act or a former Act but do not meet the current requirements under this Act, including a regulated product that bears a certification mark.
 - (4) A safety order may specify any requirement that is intended to prevent, avoid or reduce the risk of personal injury or damage to property and may include any of the following orders:
 - (a) that an existing regulated work or regulated product must be made safe in compliance with the safety order;
 - (b) that a regulated product must be
 - (i) disconnected from a power source,
 - (ii) uninstalled, or
 - (iii) modified before continued use;
 - (c) that a regulated product must be operated, installed, manufactured or disposed of only as specified or that a regulated product must not be moved;
 - (d) that current or future regulated work or a regulated product must conform to the terms or conditions of the order;
 - (e) that a person take or refrain from taking any action that a safety manager considers necessary to prevent, avoid or reduce a risk of personal injury to persons or damage to property;
 - (f) that the manufacturer make reasonable efforts to recall the regulated product.
 - (5) The provincial safety manager must give written notice of the safety order to the following persons:
 - (a) the manufacturer of the regulated product;
 - (b) an owner of the regulated product if the identity of the owner is known to the provincial safety manager;
 - (c) the person in charge of the regulated work.
 - (6) The notice must state the reasons for the decision and that the person has the right to appeal the decision to the appeal board.
 - (7) Despite section 54, a safety order may not be stayed during an appeal.

References:

Safety Standards Act

For more information on the British Columbia Safety Authority, please visit our website at:

www.safetyauthority.ca



SAFETY ORDER RESPONSE FORM

The information on this form is collected to administer the provisions of the *Safety Standards Act*. If you have questions about the collection, use or disclosure of this information, contact the Records, Information and Privacy Analyst for the BC Safety Authority at telephone (604) 660-6286.

The company and/or designated representative in receipt of a safety order must fill out and submit this form to the British Columbia Safety Authority within the timeframe stipulated on the safety order.

Safety Order No: _____

Operating Company: _____

The following have been completed as required in the above safety order:
(use additional pages as necessary and attach)

Person signifying completion
of safety order requirement/s: _____
(Please print name)

Position Title: _____

Signature: _____

Completion Date: _____
Month / Day / Year

Return this form to:

Attention: Greg Paddon
Provincial Safety Manager, Passenger Ropeways & Amusement Devices
British Columbia Safety Authority
Suite 400, 88 – 6th Street
New Westminster, BC V3L 5B3
Tel: 604-660-5964 Fax: 604-660-6661