

G12.74 Automotive lifts and other vehicle support standards

Proposed February 18, 2005

Proposed sections 12.74(1) and 12.74(1.1) of the *OHS Regulation* state:

- (1) An automotive lift must meet the requirements of *ANSI Standard ANSI/ALI ALCTV-1998, American National Standard for Automotive Lifts - Safety Requirements for Construction, Testing and Validation*.
- (1.1) The operation, inspection and maintenance of an automotive lift must meet the requirements of *ANSI Standard ANSI/ALI ALOIM-2000, American National Standard for Automotive Lifts - Safety Requirements for Operation, Inspection and Maintenance*.

The purpose of this guideline is to provide information on acceptable forms of evidence that automotive lifts meet the required ANSI standard; and guidance on the operation, inspection and maintenance of lifts.

Evidence that lifts meet the required standard

Automotive lift manufacturers would typically ensure their lifts meet the ANSI standard by having their lifts certified by a Nationally Recognized Testing Laboratory (NRTL). However, the Board has determined that other methods of certification are acceptable for auto lifts used in BC. As a result, the Board will accept any of the following types of evidence of compliance with standard *ANSI/ALI ALCTV-1998*:

- a) certification from a Nationally Recognized Testing Laboratory (NRTL);
- b) certification by a professional engineer;
- c) a written statement from the automotive lift manufacturer that the auto lift meets the requirements of ANSI standard, with third party certification by means other than a NRTL.

If an automotive lift is certified by a professional engineer in BC, that engineer must be licensed to practice by the Association of Professional Engineers and Geoscientists of BC. If an automotive lift is certified by a professional engineer outside of BC, that engineer should be licensed to practice in that province or state.

If the certifying party is a manufacturer's representative, the person signing the certification should be specifically authorized in writing by the manufacturer to make such a certification on behalf of the manufacturer.

Operation, inspection and maintenance of lifts

The *ANSI/ALI ALOIM-2000* is a companion standard to the *ANSI/ALI ALCTV-1998*. The *ANSI/ALI ALOIM-2000* standard provides guidance to owners or employers with regard to the operation, inspection and maintenance of installed automotive lifts. The *ANSI/ALI ALOIM-2000* standard specifies the required qualifications, training, reporting and documentation for operators, inspectors and maintenance personnel. This *ANSI/ALI ALOIM-2000* standard also provides sample forms and checklists to help the owners or employers comply with the requirements in the standard.

Evidence of compliance to standard *ANSI/ALI ALOIM-2000* consists of ongoing documentation prepared by the auto lift owner, employer and qualified inspector who will verify that the requirements of the standard have been met.

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