

24.135 : CRANE AND HOISTING OPERATING ENGINEERS

CONTENTS

24.135.301

DEFINITIONS

24.135.401

PURPOSE

24.135.402

FEE SCHEDULE

24.135.404

CITATIONS AND FINES

24.135.409

APPLICATIONS

24.135.410

PROCEDURE TO PROHIBIT USE OF EQUIPMENT IN VIOLATION OF TITLE 50, CHAPTER 76 CONCERNING
HOISTING ENGINES AND CRANE OPERATORS

24.135.411

INCORPORATION BY REFERENCE OF AMERICAN NATIONAL STANDARDS INSTITUTE B30.5

24.135.412

FAILED EXAMINATIONS

24.135.501

HOISTING OPERATORS LICENSE REQUIREMENTS

24.135.516

CRANE HOISTING OPERATORS LICENSE REQUIREMENTS

24.135.530

MINE HOISTING OPERATORS LICENSE REQUIREMENTS

24.135.545

NATIONAL COMMISSION CERTIFICATION

24.135.2101

RENEWALS

24.135.301 DEFINITIONS

For purposes of this subchapter, the following definitions apply:

- (1) "Bureau" means the business and occupational licensing bureau of the department of labor and industry.
- (2) "Hoist" means a power driven apparatus capable of lifting and lowering loads involving no horizontal movement.
- (3) "Crane" means a machine for lifting and lowering a load and moving it horizontally, with the hoisting mechanism an integral part of the machine. It may be fixed or mobile.
- (4) "Gantry crane" or "trolley crane" mean a crane similar to an overhead crane except that the bridge for carrying the trolley or trolleys is rigidly supported on two or more legs running on fixed rails or other runway.
- (5) "Line truck" means a truck with a standard manufacturer's truck chassis equipped with a hydraulically operated telescoping boom and may be equipped with a rotary digging device.
- (6) "Bucket truck" is a truck with a personnel lifting device designed to lift personnel to work stations above ground.
- (7) "Tower crane" is a crane with a vertical mast extending from a base support with a jib and/or boom attached to the mast at the opposite end (or near the opposite end) of the base support. The vertical mast is seldom, if ever, less than 50 feet in length when the crane is in operation.

History: [50-76-112](#), MCA; [IMP](#), [50-76-101](#), [50-76-102](#), [50-76-103](#), MCA; [NEW](#), 1983 MAR p. 1300, Eff. 11/26/83; [TRANS](#), from Dept. of Labor and Industry, 1995 MAR p. 1133, Eff. 7/1/95; [AMD](#), 1998 MAR p. 453, Eff. 2/13/98; [TRANS](#), from Commerce, 2005 MAR p. 581.

24.135.401 PURPOSE

- (1) The Business and Occupational Licensing Bureau has the statutory duty to enforce all laws concerning the safety and protection of workers, and has the responsibility to license hoisting operators, mine hoisting operators and crane operators.

History: [50-71-301](#), MCA; [IMP](#), [50-71-301](#), [50-76-102](#), [50-76-103](#), MCA; [NEW](#), 1983 MAR p. 1300, Eff. 11/26/83; [TRANS](#), from Dept. of Labor and Industry, 1995 MAR p. 1133, Eff. 7/1/95; [TRANS](#), from Commerce, 2005 MAR p. 581.

24.135.402 FEE SCHEDULE

- (1) Initial application, including examination:
 - (a) First Class \$100
 - (b) Second Class 100
 - (c) Third Class 60
 - (d) NCCO reciprocity 80
- (2) Annual renewal of license (First and Second Class) 80
- (3) Annual renewal of license (Third Class) 50
- (4) Additional standardized fees are specified in ARM [24.101.403](#).
- (5) An applicant who fails the examination shall pay 50 percent of the licensure fee in order to retake the examination.
- (6) All fees are nonrefundable.

History: [37-1-134](#), [50-76-112](#), MCA; [IMP](#), [50-76-104](#), MCA; [NEW](#), 2006 MAR p. 219, Eff. 1/27/06; [AMD](#), 2006 MAR p. 1583, Eff. 7/1/06.

24.135.404 CITATIONS AND FINES

(1) Any person that has been issued a citation shall have the fine waived by the department if the following have been met:

- (a) the person shall provide proof of licensure to the department within 30 days of the citation being issued; and
- (b) such proof of licensure indicates that the person held a valid license issued by the department at the time of the violation.

History: [50-76-112](#), MCA; **IMP**, [50-76-102](#), [50-76-103](#), [50-76-114](#), MCA; **NEW**, 2006 MAR p. 219, Eff. 1/27/06.

24.135.409 APPLICATIONS

(1) Applications for crane licensure may be made by anyone professing the qualifications set forth in [50-76-103](#), MCA. The application for examination is made to the department, and must be accompanied with the proper fee.

(2) No application for examination will be considered unless it is accompanied by the proper duly documented supporting evidence.

(3) If an application is withdrawn, no refund of the application fee will be made.

(4) An application will be on file one year from the date of receipt. If no action is taken by the applicant within one year, the application fee will be forfeited and reapplication will be required.

History: [50-76-112](#), MCA; **IMP**, [50-76-103](#), [50-76-104](#), MCA; **NEW**, 2006 MAR p. 219, Eff. 1/27/06.

24.135.410 PROCEDURE TO PROHIBIT USE OF EQUIPMENT IN VIOLATION OF TITLE 50, CHAPTER 76 CONCERNING HOISTING ENGINES AND CRANE OPERATORS

(1) The bureau, upon finding the use of equipment without a licensed operator, as defined in ARM [24.135.301](#), [24.135.401](#), [24.135.501](#), [24.135.516](#), or [24.135.530](#), shall attach to such equipment notice of violation under [50-71-325](#), MCA, and shall prohibit the further use of the machine until a licensed operator is available to operate the machine. The bureau may also proceed under [50-76-109](#), MCA, if there is not compliance under [50-71-325](#), MCA.

(2) Any person aggrieved by an order prohibiting the use of a machine under these rules or any other order affecting the licensing of an operator may request an administrative review before the bureau in Helena. The review may be by telephone and shall be governed by ARM [1.3.212](#) through [1.3.225](#) and [1.3.233](#). Following the review, the bureau shall affirm, modify or revoke the order.

(3) All rehearing and appeal rights shall be as stated in [50-71-331](#), [50-71-332](#), [50-71-333](#) and [50-71-334](#), MCA.

(4) In addition to all other remedies, the bureau may bring an action in an appropriate court to enjoin any violation of Title 50, chapter 76, Hoisting Engines, as provided in [50-71-326](#), MCA.

History: [50-71-301](#), MCA; **IMP**, [50-71-325](#), [50-76-109](#), MCA; **NEW**, 1983 MAR p. 1300, Eff. 11/26/83; **TRANS**, from Dept. of Labor and Industry, 1995 MAR p. 1133, Eff. 7/1/95; **TRANS**, from Commerce, 2005 MAR p. 581.

24.135.411 INCORPORATION BY REFERENCE OF AMERICAN NATIONAL STANDARDS INSTITUTE B30.5

(1) The Department of Labor and Industry adopts and incorporates by reference the following sections of the American National Standards Institute (ANSI) B30.5, 2004 Edition which sets forth standards for mobile and locomotive cranes:

- (a) Section 5-2.1 Inspection - General;
- (b) Section 5-2.3 Maintenance;
- (c) Section 5-3.1.3 Conduct of Operators;
- (d) Section 5-3.2 Operating Practices;
- (e) Section 5-3.3 Signals; and
- (f) Section 5-3.4.5 Operating Near Electric Power Lines.

(2) The purpose of this incorporation is to provide minimum requirements and standards for the operation of crane and hoist equipment as specified in 50-76-102 , and 50-76-103 , MCA, for the protection of the public health, safety, and welfare. The American National Standards Institute is a nationally recognized model code setting forth minimum standards and requirements for crane and hoist operation.

(3) A copy of the ANSI B30.5 may be viewed at the Department of Labor and Industry, Crane and Hoisting Operator Engineer Licensing Program, 301 South Park Avenue, Helena, MT 59620-0513.

(4) A copy of the ANSI B30.5 can be purchased directly from ANSI, 1819 L Street NW, Suite 600, Washington, D.C. 20036.

History: 50-76-110, 50-76-112, MCA; IMP, 50-76-109, 50-76-110, MCA; NEW, 2006 MAR p. 2042, Eff. 8/25/06.

24.135.412 FAILED EXAMINATIONS

(1) Any applicant who sits for and fails the examination will not be allowed to retake the examination for a period of 45 days, commencing with the date of the last examination that the applicant failed.

History: 50-76-112, MCA; IMP, 50-76-103, 50-76-108, MCA; NEW, 2006 MAR p. 219, Eff. 1/27/06.

24.135.501 HOISTING OPERATORS LICENSE REQUIREMENTS

(1) No person shall operate any hoisting equipment except as listed under (8) of this rule, without first obtaining a hoisting operator's license from the bureau, unless meeting requirements of (6) .

(2) The following hoisting licenses are issued under 50-76-102 , MCA, that are applicable to other than mine hoisting equipment:

- (a) first-class hoisting license;
- (b) second-class hoisting license.

(3) A person applying for a hoisting operator's license under 50-76-102 , MCA, shall meet the following requirements:

- (a) have passed their 18th birthday;
- (b) have passed a physical examination within 180 days prior to a new application and present this report to the department, or present proof of passing an applicable physical examination; and
- (c) pass a written examination as prescribed by the bureau.

(4) An applicant for a first-class hoisting operator's license shall have no less than one year of experience in the operation of hoisting equipment covered by this rule, at a minimum of 1000 hours per year. Applicants with less than one year of experience do not qualify for a first-class hoisting operator's license. Applicants with work experience acquired in states that have no licensing requirements will qualify if their notarized certificate of experience indicates they have the required work experience on the applicable equipment.

(a) The holder of a first-class hoisting operator's license can operate types of hoists which include but are not limited to the following:

- (i) elevators in buildings under construction with engines delivering unlimited brake horsepower;
- (ii) multiple drum hoists with engines delivering unlimited brake horsepower;
- (iii) single drum hoists with engines delivering unlimited brake horsepower; and

(iv) all hoists allowed by second-class hoisting operators' licenses.

(5) An applicant for a second-class hoisting operator's license shall have no less than one year of experience in the operation of hoisting equipment covered by this rule, at a minimum of 1000 hours per year. Applicants with less than one year of experience do not qualify for a second-class hoisting operator's license. Applicants with work experience acquired in states that have no licensing requirements will qualify if their notarized certificate of experience indicates they have the required work experience on the applicable equipment.

(a) The holder of a second-class hoisting operator's license can operate the following types of hoists:

- (i) elevators in buildings under construction with engines delivering up to 100 brake horsepower; and
- (ii) single drum and multiple drum hoists with engines delivering up to 100 brake horsepower.

(6) Persons operating hoisting equipment listed in this rule who have less than one year of experience must work under the direct supervision of a licensed hoisting operator or participate in a certified apprenticeship training program.

(7) Application for any license must be accompanied by the following:

(a) A notarized certificate of experience provided by the bureau and signed by a person having actual knowledge of the applicant's past work experience.

(b) A report of physical examination filled out and signed by the physician having given the examination. The form is provided by the bureau. An alternate form may be used if approved by the bureau. The physical may not be dated more than 180 days from the date the application is received by the bureau.

(c) A qualification and experience information form provided by the bureau.

(d) The license fee provided by ARM [24.135.402](#).

(8) Hoisting operators' licenses need not be obtained to operate the following types of equipment:

- (a) stiff legs;
- (b) front-end and rear-end loaders;
- (c) forklifts;
- (d) hoists and elevators in completed private and public buildings;
- (e) hydraulic man lifts.

History: [50-76-112](#), MCA; [IMP](#), [50-76-102](#), [50-76-103](#), [50-76-104](#), MCA; [NEW](#), 1983 MAR p. 1300, Eff. 11/26/83; [TRANS](#), from Dept. of Labor and Industry, 1995 MAR p. 1133, Eff. 7/1/95; [AMD](#), 1995 MAR p. 2247, Eff. 10/27/95; [AMD](#), 1998 MAR p. 453, Eff. 2/13/98; [TRANS](#), from Commerce, 2005 MAR p. 581; [AMD](#), 2006 MAR p. 219, Eff. 1/27/06.

24.135.516 CRANE HOISTING OPERATORS LICENSE REQUIREMENTS

(1) No person shall operate any crane hoisting equipment except as listed in (9) of this rule without first obtaining a crane hoisting operator's license from the bureau, unless meeting requirements of (7).

(2) The following crane hoisting operator's licenses are issued under [50-76-103](#), MCA:

- (a) first-class crane hoisting;
- (b) first-class crane hydraulic hoisting;
- (c) first-class crane gantry and trolley;
- (d) second-class crane hoisting;
- (e) second-class hydraulic and boom truck;
- (f) third-class crane oiler;
- (g) first-class tower crane;
- (h) second-class tower crane; and
- (i) air tugger.

(3) A person applying for a crane hoisting operator's license under [50-76-103](#), MCA, shall meet the following requirements:

(a) have passed their 18th birthday;

(b) have passed a physical examination within 180 days prior to a new application and present this report to the department, or present proof of passing an applicable physical examination; and

(c) pass a written examination as prescribed by the bureau.

(4) An applicant for a first-class crane hoisting license, first-class crane hydraulic license, first-class tower crane license or a first-class gantry and trolley license shall have no less than one year of experience in the operation of crane hoist equipment covered by this rule, at a minimum of 1000 hours per year. Applicants with less than one year of experience do not qualify for a first-class crane hoisting license. Applicants with work experience acquired in states that have no licensing requirements will qualify if their notarized certificate of experience indicates they have the required work experience on the applicable equipment.

(a) The holder of a first-class crane hoisting license can operate all classes of cranes and hoists except mine hoists.

(b) The holder of a first-class crane hydraulic hoisting license can operate all classes of hydraulic cranes, hydraulic boom trucks and hydraulic hoist equipment only.

(c) The holder of a first-class crane license for gantry and trolley cranes can operate gantry and trolley cranes only.

(d) The holder of a first-class tower crane license can operate all types of tower cranes only.

(e) The holder of an air tugger winch license can operate all types of air tugger winches, other than air tugger winches on equipment used to drill oil, natural gas, or water wells.

(5) An applicant for a second-class crane hoisting license, second-class tower crane license or second-class hydraulic and boom truck license shall have no less than one year of experience in the operation of crane hoisting equipment covered by this rule, at a minimum of 1000 hours per year. Applicants with less than one year of experience do not qualify for second-class crane hoisting licenses. Applicants with work experience acquired in states that have no licensing requirements will qualify if their notarized certificate of experience indicates they have the required work experience on the applicable equipment.

(a) The holder of a second-class crane hoist license can operate cranes with a manufacturer's load chart rating up to 17.5 tons, except mine hoists, or a tower crane of any capacity.

(b) The holder of a second-class hydraulic license can operate hydraulic cranes or boom trucks with a manufacturer's load chart rating up to 17.5 tons.

(c) The holder of a second-class tower crane license can operate tower cranes up to 17.5 tons.

(6) A third-class crane boiler's license requires no experience or physical examination. A third-class crane license authorizes the holder to move truck cranes only.

(7) Persons operating crane hoisting equipment listed in this rule who have less than one year of experience must work under the direct supervision of a qualified crane hoisting operator or participate in a certified apprenticeship training program.

(8) Application for a license must be accompanied by the following:

(a) A notarized certificate of experience signed by a person having actual knowledge of the applicant's past work experience.

(b) A report of physical examination filled out and signed by the physician having given the physical examination. The form is provided by the bureau upon request. An alternate form may be used if approved by the bureau. This physical examination form must also be filled out and submitted for license renewals.

(c) A qualification and experience information form provided by the bureau.

(d) The license fee provided by ARM [24.135.402](#).

(9) Crane hoisting operator's licenses need not be obtained to operate the following types of equipment:

(a) crane hoisting equipment that has a manufacturer's rating of six tons or less;

(b) overhead trolley cranes of any size not used in construction;

(c) equipment with excavation attachments or log loading equipment; or

(d) line trucks and bucket trucks.

History: [50-76-112](#), MCA; [IMP](#), [50-76-103](#), [50-76-104](#), MCA; **NEW**, 1983 MAR p. 1300, Eff. 11/26/83; **TRANS**, from Dept. of Labor and Industry, 1995 MAR p. 1133, Eff. 7/1/95; **AMD**, 1995 MAR p. 2247, Eff. 10/27/95; **AMD**, 1998 MAR p. 453, Eff. 2/13/98; **TRANS**, from Commerce, 2005 MAR p. 581; **AMD**, 2006 MAR p. 219, Eff. 1/27/06.

[24.135.530](#) MINE HOISTING OPERATORS LICENSE REQUIREMENTS

(1) No person shall operate mine hoisting equipment when used in raising or lowering persons or materials in underground mines without first obtaining a mine hoisting operator's license from the bureau, unless meeting requirements of (8) .

(2) The following hoisting licenses are issued under [50-76-102](#) , MCA, that are applicable to mine hoisting equipment:

(a) first-class mine hoisting operator's license;

(b) second-class mine hoisting operator's license.

(3) A person applying for a mine hoisting operator's license shall meet the following requirements:

(a) have passed their 18th birthday;

(b) have passed a physical examination within 180 days prior to a new application and present this report to the department, or present proof of passing an applicable physical examination; and

(c) pass a written examination as prescribed by the bureau.

(4) An applicant for a first-class mine hoisting operator's license shall have no less than one year of experience in the operation of mine hoisting equipment, at a minimum of 1000 hours per year. An applicant with less than one year of experience in the operation of mine hoisting equipment does not qualify for a mine hoisting operator's license. Applicants with work experience acquired in states that have no licensing requirements will qualify if their notarized certificate of experience indicates they have the required work experience on the applicable equipment.

(5) The holder of a first-class mine hoisting operator's license can operate all classes of mine hoists.

(6) An applicant for a second-class mine hoisting operator's license shall have no less than one year of experience in the operation of mine hoisting equipment covered by this rule, at a minimum of 1000 hours per year. Applicants with less than one year of experience do not qualify for a second-class mine hoisting operator's license. Applicants with experience acquired in states that have no licensing requirements will qualify if their notarized certificate of experience indicates they have the required work experience on the applicable equipment.

(7) The holder of a second-class mine hoisting operator's license can operate mine hoists with engines delivering up to 100 brake horsepower.

(8) Persons operating mine hoisting equipment listed in this rule who have less than one year of experience must work under the direct supervision of a licensed mine hoisting operator or participate in a certified apprenticeship training program.

(9) Mines using automatic hoists must have a licensed mine hoisting operator readily available.

(10) Application for a license must be accompanied by the following:

(a) A notarized certificate of experience signed by a person having actual knowledge of the applicant's past work experience.

(b) A report of physical examination filled out and signed by the physician having given the examination. The form is provided by the bureau upon request. An alternate form may be used if approved by the bureau. The physical may not be dated more than 180 days from the date the application is received by the bureau.

(c) A qualification and experience information form provided by the bureau.

(d) The license fee provided by ARM [24.135.402](#).

History: [50-76-112](#), MCA; [IMP](#), [50-73-302](#), [50-76-102](#), [50-76-104](#), MCA; [NEW](#), 1983 MAR p. 1300, Eff. 11/26/83; [TRANS](#), from Dept. of Labor and Industry, 1995 MAR p. 1133, Eff. 7/1/95; [AMD](#), 1995 MAR p. 2247, Eff. 10/27/95; [AMD](#), 1998 MAR p. 453, Eff. 2/13/98; [TRANS](#), from Commerce, 2005 MAR p. 581; [AMD](#), 2006 MAR p. 219, Eff. 1/27/06.

[24.135.545](#) NATIONAL COMMISSION CERTIFICATION

(1) Applicants for a first-class or second-class crane and hoist engineer's license may provide proof of certification by the National Commission for the Certification of Crane Operators.

(2) The bureau will issue a license by national commission certification to an applicant provided that the applicant:

(a) files a completed application with the required fees; and

(b) holds a current and valid certificate issued by the National Commission for the Certification of Crane Operators.

History: [50-76-112](#), MCA; [IMP](#), [50-76-113](#), MCA; [NEW](#), 2006 MAR p. 219, Eff. 1/27/06.

[24.135.2101](#) RENEWALS

(1) The license must be renewed in accordance with ARM [24.101.413](#) within 12 months of obtaining the previous license.

(2) Renewal notices will be sent as specified in ARM [24.101.414](#).

(3) The provisions of ARM [24.101.408](#) apply.

(4) A biennial physical examination shall be required after the license is granted. The biennial physical examination report, or proof of passing an applicable physical examination, shall be presented to the department every second renewal date after the original licensure date, and may not be dated more than 180 days prior to the renewal date of the license.

History: [50-76-112](#), MCA; [IMP](#), [37-1-141](#), [50-76-103](#), MCA; [NEW](#), 2006 MAR p. 219, Eff. 1/27/06; [AMD](#), 2006 MAR p. 1583, Eff. 7/1/06.