

Raise Climber Log Book

No. 150-R-1 ISBN 978-1-4868-8215-1

Ministry of Labour, Immigration,
Training and Skills Development
Mining Health and Safety

When printing on 11 x 17 size paper (also known as Tabloid or Super B), follow these steps for optimal results:

1. Load the Paper:

Make sure your printer supports 11 x 17 paper.

Load clean, unused paper into the input tray with the short edge forward and the print side down.

Adjust the paper width guides to rest against the paper stack.

2. Printer Driver Settings (Windows):

Adjust the settings based on your print job:

Plain Paper: For everyday printing.

Photo Paper: For high-quality photo prints.

Brochure: For professional-looking brochures.

Edge-to-Edge: For borderless printing.

You can change the default paper size for all print jobs in your printer settings.

3. Printer Driver Settings (Mac OS X):

Use the printer icon or the HP folder to access settings.

Select the appropriate paper type and size.

Remember to check the paper packaging for the correct type and size.
Happy printing!

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Machine No. _____ Make _____

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Excerpts from
OCCUPATIONAL HEALTH AND SAFETY ACT
REGULATIONS FOR MINES AND MINING PLANTS
for reference only.

For accurate reference recourse should be had to the
Official Volume of the Act.

<p>197. (1) A power driven raise climber shall,</p> <p>(a) have at least two independent means of braking,</p> <p>(i) one of which shall be as close as practical to the final drive of the motor,</p> <p>(ii) each capable of stopping and holding the climber with its maximum rated load, and</p> <p>(iii) each arranged to permit independent testing;</p> <p>(b) have the maximum load that it may carry as certified by its manufacturer, displayed on the climber or at the raise service position;</p> <p>(c) be operated within the maximum load limit;</p> <p>(d) except when the track on which it operates is being extended, have a stop block to prevent the climber being taken beyond the track;</p> <p>(e) have an effective means for communication between the climber and the raise service position; and</p> <p>(f) have an overspeed safety device that</p> <p>(i) will stop the climb and hold it in place if it begins to travel faster than its design speed,</p> <p>(ii) is approved by the manufacturer of the climber,</p> <p>(iii) is overhauled at least once every three years by the manufacture or by another competent person, and</p> <p>(iv) bears a suitable mark identifying the device’s serial number, the most recent date on which the device was overhauled and the name of the person who performed the overhaul. R.R.O. 1990, Reg. 854, s. 197 (1); O. Reg. 60/94, s. 10; O. Reg. 84/07, s. 15.</p> <p>(2) A raise climber that is electrically powered shall,</p>	<p>(a) not be operated in excess of 750 volts;</p> <p>(b) be protected by a ground fault system;</p> <p>(c) have a visible break switch at the raise service area by which its power can be isolated;</p> <p>(d) have a switch at the raise service area by which its power can be safely interrupted; and</p> <p>(e) have a control switch on the climber by which power to its motor can be removed. R.R.O. 1990, Reg. 854, s. 197 (2).</p> <p>(3) The electrical supply to a raise climber shall be disconnected while explosives and electric caps are being loaded into a position for blasting. R.R.O. 1990, Reg. 854, s. 197 (3).</p> <p>(4) A means by which workers can be reached and removed from a raise climber shall be available for use. R.R.O. 1990, Reg. 854, s. 197 (4).</p> <p>(5) Devices that may affect the safe operation of a raise climber shall be examined by a competent person,</p> <p>(a) before the raise climber is first used at the raise and daily thereafter when in use; and</p> <p>(b) during every major overhaul of the raise climber. R.R.O. 1990, Reg. 854, s. 197 (5).</p> <p>(6) A major overhaul shall be performed on a raise climber at the frequency recommended by the manufacturer of the climber or a competent person, whichever is the more frequent. R.R.O. 1990, Reg. 854, s. 197 (6).</p> <p>(7) A raise climber being used at a raise shall be cleaned thoroughly weekly. R.R.O. 1990, Reg. 854, s. 197 (7).</p> <p>(8) The brakes and controls of the raise climber shall be tested prior to first being used during a workshift. R.R.O. 1990, Reg. 854, s. 197 (8).</p> <p>(9) The main shafting of the drive train of a raise climber shall be subjected to a nondestructive test by a competent person to determine if it is in sound condition,</p>	<p>(a) before the raise climber is first put into service; and</p> <p>(b) during every major overhaul of the raise climber and not less frequently than once for every 4,000 hours of use. R.R.O. 1990, Reg. 854, s. 197 (9); O. Reg. 174/01, s. 6.</p> <p>(10) A log book shall be kept for each raise climber and the log book shall contain,</p> <p>(a) a record of the dates the examinations prescribed in subsections (5) and (9) are performed;</p> <p>(b) a record of the findings during the examinations referred to in clause (a);</p> <p>(c) a record of any repairs and modifications, and the signature of the person performing such examinations, repairs and modifications; and</p> <p>(d) the signature of the supervisor authorizing the repairs and modifications referred to in clause (c). R.R.O. 1990, Reg. 854, s. 197 (10).</p> <p>(11) The owner shall give written notice to the joint health and safety committee or a health and safety representative, if any, of a proposed raise climber installation. O. Reg. 272/97, s. 35.</p> <p>(12) A raise climber shall be,</p> <p>(a) designed, maintained and operated in accordance with good engineering practice; and</p> <p>(b) built and installed in accordance with the design. Reg. 272/97, s. 35; O. Reg. 236/99, s. 7 (1).</p> <p>(13) The employer of workers operating the raise climber shall ensure that a notice showing the maximum number of persons or load weight is posted on or near the raise climber and that the number or weight is not exceeded. O. Reg. 272/97, s. 35; O. Reg. 236/99, s. 7 (2).</p> <p>(14) Revoked. O. Reg. 236/99, s. 7 (3)</p>
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NOTE: 1. All entries in the book must be made in pen.
2. See back of this sheet for recommended maintenance inspections.

INSPECTION RECOMMENDATIONS

Minimum guideline of suggested items for daily and weekly checks.
Refer also to Manufacturer's maintenance schedule.

	Daily		Weekly	
Item Examined	Check	Examiner	Check	Examiner
Brakes – Service		By use		By use
Brakes – Emergency		By use		By use
Overspeed Safety Device		Visual		Visual
Motors and Drive		By use		Use & Visual
Rack Gear Drive				Visual
Pinions and Rack Pins				Visual
Rail Rollers on Machine				Visual
Guide Rail, Joints, Anchors, Stop Block				Visual
Hinge Guide Rail & Attachments				Visual
Gear Box Oil		Check level		Check level
Lubrication		All points as per manufacturer's recommendation		
Air Filters and Drains		Check		Clean or Replace
Cage and Trap Door (Hinges)		Visual		Visual
Platform, Supports, Trap Door		Visual		Visual
Guards		Visual		
Safety Belts and Climbers		Visual		Visual
Tugger Hoist and Rope		By use		Visual
Hose Reel and Motors or Drive		By use		Visual
Condensate Drained		Check		
Air Lines		Visual		Visual
Water Lines and Header Plates		Visual		Visual & use
Electrical Trailing Cable		By use		Visual
Electrical Controls in Cage		By use		By use
Electrical Controls in Base		By use		By use
Communications Systems		By use		By use
Ground Fault Protection System		By use		By use
General				
Chains and Attachments		Visual		Visual
Any Dangerous Condition				

Machine No.	Make		Location												
	Daily		Daily		Daily		Daily		Daily		Daily		Weekly		
Item Examined	Check		Check		Check		Check		Check		Check		Check		
Brakes – Service															
Brakes – Emergency															
Overspeed Safety Device															
Motors and Drive															
Rack Gear Drive															
Pinions and Rack Pins															
Rail Rollers on Machine															
Guide Rail, Joints, Anchors, Stop Block															
Hinge Guide Rail & Attachments															
Gear Box Oil															
Lubrication															
Air Filters and Drains															
Cage and Trap Door (Hinges)															
Platform, Supports, Trap Door															
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Tugger Hoist and Rope															
Hose Reel and Motors or Drive															
Condensate Drained															
Air Lines															
Water Lines and Header Plates															
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Electrical Controls in Cage															
Electrical Controls in Base															
Communications Systems															
Ground Fault Protection System															
General															
Chains and Attachments															
Any Dangerous Condition															

Signature of Person in Charge of Raise Climber Equipment Date

Machine No.	Make		Location												
	Daily		Daily		Daily		Daily		Daily		Daily		Weekly		
Item Examined	Check		Check		Check		Check		Check		Check		Check		
Brakes – Service															
Brakes – Emergency															
Overspeed Safety Device															
Motors and Drive															
Rack Gear Drive															
Pinions and Rack Pins															
Rail Rollers on Machine															
Guide Rail, Joints, Anchors, Stop Block															
Hinge Guide Rail & Attachments															
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Signature of Person in Charge of Raise Climber Equipment Date

MONTHLY RECORD OF MAINTENANCE AND REPAIRS

Month

Machine No.

WORK DONE, ACCIDENT DETAILS, AND NON-DESTRUCTIVE TEST RESULTS	Remarks	DATE AND SIGNATURE OF EXAMINER OR REPAIR PERSON

I hereby certify that I have read the report on pages 1, 2, 3, 4, 5 and 6 and that they contain a notation of all repairs, corrections, failures, or accidents during the past month, and that the examinations and corrections herein recorded have been made. I also certify that I have taken any action required.

DATE SIGNATURE OF PERSON IN CHARGE