

OCCUPATIONAL
TOOLS AND EQUIPMENT LIST

Heavy Equipment Operator



Government of Newfoundland Labrador
Department of Education
Institutional & Industrial Education Division

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Preface

This document is intended as a companion to the December 2009 Plan of Training for the **Heavy Equipment Operator** occupation. It identifies the necessary tools and equipment required by apprentices and training institutions for the completion of apprenticeships.

Acknowledgements

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We offer you a sincere thank you.

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Note:

The numbers suggested in the following Tools and Equipment List represent the required minimum. Please verify this list with your selected training institution.

Tools and Equipment List Heavy Equipment Operator

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for Individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
SAFETY EQUIPMENT			
Coveralls	1	B	
Gloves	1	B	Item is listed for both Student and Institution
Hard Hat	1	B	Item is listed for both Student and Institution
Safety Boots	1	B	
Safety Glasses	1	B	Item is listed for both Student and Institution
Safety Vest	1	B	Item is listed for both Student and Institution
TOOLS			
Calculator	1	B	Item is listed for both Student and Institution

Note: If identifying sets, please include specific information.

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
SAFETY EQUIPMENT				
Ear Plugs	15	1	B	
Flashlight	3	5	B	
Gloves	3	5	B	Item is listed for both Student and Institution

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Hard Hat	3	5	B	Item is listed for both Student and Institution
Safety Glasses	3	5	B	Item is listed for both Student and Institution
Safety Vest	3	5	B	Item is listed for both Student and Institution
TOOLS				
Adjustable Wrenches	2 sets	8	B	
Air Compressor	1	15	B	
Anti Freeze Tester	1	15	B	
Battery Charger	1	15	B	
Battery Tester (Hydrometer)	1	15	B	
Broom	1	15	B	
Calculator	3	5	B	Item is listed for both Student and Institution
Chain Saw	1	15	B	
Circular Saw	1	15	B	
Cold Chisels	1 set	15	B	
Combination Wrench	1 set	15	B	
Come-along	1	15	B	
Computer System	15	1	B	
Electric Drill	2 (1 of 3/8" and 1 of 1/2")	8	B	
Extension Cords	2 (50 ft)	8	B	
Eye Wash Station	1	15	B	
Face Shield	1	15	B	
Fire Extinguisher (ABC)	2	8	B	

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Fire Blanket	1	15	B	
Floor Squeegee	1	15	B	
Grade Stakes	200	5	B	
Grease Gun	4	4	B	
Grinder	1	15	B	
Hack Saws	2	8	B	
Hammers (ball peen, claw, sledge)	1 of each	15	B	
Hold Down Chain	6	3	B	
Hydraulic Jack	1	15	B	
Pneumatic Impact Wrench	2 (1 of ½" and 1 of ¾")	8	B	
Line-up Bar	1	15	B	
Load Binders	6	3	B	
Measuring Tape	2 (1 of 25 ft and 1 of 100 ft)	8	B	
Media Equipment (TV, VCR, projector)	1	15	B	
Oil Can	2	8	B	
Oil Filter Wrench	2	8	B	
Oxy-acetylene	1 set	15	B	
Pliers	1 set	15	B	
Pressure Washer	1	15	B	
Pry Bars	2 (1 small and 1 large)	8	B	
Punches	1 set	15	B	

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Scrapers	2 (1 of 1" and 1 of 2")	8	B	
Screwdrivers	1 set	15	B	
Shackles	6 (3 of ½" and 3 of 5/8")	3	B	
Socket Sets	2 (1 of ½" and 1 of ¾")	8	B	
Step Ladder	1 (8 ft)	15	B	
Stretcher	1	15	B	
Synthetic Sling	2	8	B	
Tag Lines	2	8	B	
Test Light	1	15	B	
Tire Inflation Tool	1	15	B	
Tire Pressure Gauge	2	8	B	
Tool Box	1	15	B	
Torque Wrench	2 (1 of ½ drive and 1 of ¾ drive)	8	B	
Track Shovel	6	3	B	
Transit Level and Rod	1	15	B	
Trouble Light	2	8	B	
Waste Oil Storage Tank	1	15	B	
Water Hose	1	15	B	
Wisk Broom (1 for each piece of equipment)	6	3	B	
Wire Brushes	2	8	B	

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 students	Maximum Students per Unit	Required for Entry (E) Advanced (A) Both (B)	Comments
Wire Sling	2	8	B	
Wood Blocking	6	3	B	
EQUIPMENT (IF OFFERED)				
Backhoe	See note below	1	B	Each student MUST be supplied with a piece of equipment for a minimum 60-hour duration to meet the requirements of the Plan of Training. Each student will select three pieces of equipment for their Heavy Equipment Operator program.
Bulldozer	See note below	1	B	
Excavator	See note below	1	B	
Front End Loader	See note below	1	B	
Grader	See note below	1	B	
Off-Highway Truck	See note below	1	B	
Tandem Dump Truck	See note below	1	B	

Note: If identifying sets, please include specific information.