

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 $\frac{1}{2}$ " and 1 of $\frac{3}{4}$ "")	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 1/2" and 3 of 5/8")	3	B	
Socket Sets	2 (1 of 1/2" and 1 of 3/4")	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 1/2 drive and 1 of 3/4 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.