

OCCUPATIONAL TOOLS AND EQUIPMENT LIST

Carpenter



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

Preface

This document is intended as a companion to the 2010 Plan of Training for the **Carpenter** occupation. It identifies the necessary tools and equipment required by apprentices and training institutions for the completion of apprenticeships.

Acknowledgements

Advisory committees, industry representatives, instructors and apprenticeship staff provided valuable input to the development of this document. Without their dedication to quality apprenticeship training, this document could not have been produced.

We offer you a sincere thank you.

Contact Information

Department of Education
Institutional and Industrial Training Section
Tel: 709-729-2729 / 1-877-771-3737
Email: app@gov.nl.ca
Web: www.gov.nl.ca/app

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 Carpenter

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for Individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
TOOL			
Aviation Snips	1	B	
Block Plane	1	B	
Calculator	1	B	
Carpenter’s Apron	1	B	
Chalk Line	1	B	
Claw Hammer	1	B	
Coping Saw	1	B	
Cross Cut Saw – 8 pt	1	B	
Dry Line (String)	1	B	
Drywall Saw	1	B	
Framing Square (Imperial)	1	B	
Hard Hat	1	B	
Level – 2’	1	B	
Measuring Tape (Metric & Imperial Combination)	1	B	
Nail Puller	1	B	
Nail Set	1	B	
Pencil	2	B	
Plumb Bob - 8 oz	1	B	
Rafter Angle Square (“Speed Square”)	1	B	

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for Individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
Safety Boots	1	B	CSA Approved
Safety Glasses	1	B	
Screwdrivers – (Philips, Robertson, Slotted)	1 of each	B	
Sliding T Bevel	1	B	
Spade Bit – Set (1/4" – 1 1/4")	1 Set	B	
Utility Knife	1	B	
Wood Chisel (1/4", 1/2", 3/4" and 1")	1 set	B	
Work Gloves	1	B	

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
TOOLS				
Adjustable Wrench – 10"	1	15	B	
Auger Bits (1/4" – 1")	1 set	15 per set	B	
Aviation Snips	3	5	B	
Backsaw	5	3	B	
Band Saw	1	15	B	
Bar Clamp	5	3	B	
Belt Sander	1	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
Bench Grinder	1	15	B	
Biscuit Joiner	1	15	B	
Bit Extension	1	15	E	
Block Plane	3	5	B	
Bolt Cutters	1	15	B	
Builders Level	1	15	B	
Builders Level Tripod	1	15	B	
Butt Hinge Marker – 3”	1	15	E	
“C” Clamp	15	1	B	
Callipers (1 inside and 1 outside)	2	15 for each	E	
Carbide Router Bit - Round, Straight Cut, Flush Cut, Cove and Ogee	1 of each	15 per each	B	
Caulking Gun	2	8	B	
Chain Saw – 14”	1	15	B	
Chain Saw File	1	15	E	
Chalk Line	3	5	B	
Circular Saw	5	3	B	
Circular Saw Blades	10	2	B	
Claw Hammer	3	5	B	
Combination Square	3	5	B	
Concrete Edger	1	15	B	
Concrete Float	1	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
Concrete Trowel	1	15	B	
Coping Saw	3	5	E	
Cordless Drill	3	5	B	
Cordless Impact Driver	3	5	B	
Corrugated Fastener	1	15	A	
Counter Sink Bits	3	5	B	
Cross Cut Saw – 8 pt	3	5	B	
Cross Cut Saw – 10 pt	1	15	B	
Dado Blade Set	1 set	15 per set	B	
Disc Sander	1	15	B	
Dividers	1	15	B	
Drill Bits (1/16" - 1/2")	3 sets	5 per set	B	
Drill Press	1	15	B	
Dry Line (String)	3	5	B	
Drywall Saw	3	5	E	
Electric Drill (Hammer Drill) - 1/2"	1	15	B	
Dovetail Saw	1	15	E	
Electric Drill - 3/8"	2	8	B	
Expansive Bit	1	15	E	
Files (1/2 Round, Round, Flat and Triangular)	1 set	15 per set	B	
Finishing Nailer	5	3	B	
Flat Bar	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
Forstner Bit (1/4" – 2")	1 set	15 per set	B	
Framing Nailer	1	15	E	
Framing Square (Imperial)	3	5	B	
Framing Square (Metric)	1	15	B	
Hack Saw	2	8	B	
Hammer Tacker	1	15	B	
Hatchet	2	8	E	
Heat Gun	1	15	B	
Hinge Template Kit	1 kit	15 per kit	E	
Hole Saw Kit - (3/4" – 2 ½")	1 kit	15 per kit	B	
Hydraulic Jack	1	15	A	
Impact Driver Bits	10	2		
Jack Plane	1	15	E	
Jamb Saw	1	15	B	
Jig Saw	2	8	B	
Jig Saw Blades	10	2	B	
Jointer	1	15	B	
Jointer Blades	1	15	B	
Keyhole Saw	1	15	E	
Laminate Trimmer	1	15	B	
Laser Level	1	15	B	
Lathe	1	15	E	
Level – 2'	3	5	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
Level – 4'	6	8	B	
Line Level	1	15	E	
Lock Installation Jig	1	15	E	
Mallet	5	3	B	
Marking Gauge	1	15	E	
Masonry Drill Bits (1/8" – 1/2")	1 set	15 per set	B	
Measuring Tape (Metric & Imperial Combination)	4	4	B	
Miter Clamp	1	15	B	
Miter Saw – Compound (12")	1	15	B	
Miter Saw – Sliding compound (12")	1	15	B	
Nail Puller	3	5	B	
Nail Set	3	5	B	
Narrow Crown Stapler	1	15	B	
Oil Stones	2	8	B	
Pick Axe	3	5	B	
Pin Nailer – 23 gauge	1	15	A	
Planer	1	15	B	
Planer Blades	1	15	B	
Pliers (Needlenose, Linesman, Side Cutters)	1 set	15 per set	B	
Plumb Bob - 8 oz.	6	3	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
Pocket Hole Jig	1	15	A	
Powder-Actuated Tool	1	15	E	
Punches	1 set	15 per set	B	
Radial Saw	1	15	B	
Rafter Angle Square	1	15	B	
Random Orbital Sander	2	8	B	
Reciprocating Saw	1	15	B	
Reciprocating Saw Blades	6	3	B	
Rotary Cut-out Tool	1	15	B	
Router	2	8	B	
Router Table / Shaper	1	15	B	
Scratch Awl	1	15	B	
Screwdrivers – (Philips, Robertson, Slotted)	3 of each	5 per each	B	
Siding Removal Tool	1	15	E	
Sliding T Bevel	3	5	B	
Sledge Hammer - 6 lbs.	3	5	B	
Smooth Plane	1	15	E	
Spade Bit – Set (1/4" – 1 1/4")	3 Sets	5 per set	B	
Spring Clamp	15	1	B	
Stair Gauges	1 set	15 per set	B	
Stationary Table Saw	1	15	B	
Steel Tape (50' and 100')	1 of each	15 for each	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
Strip Flooring Fastener	1	15	E	
Surform Plane	2	8	E	
Surveyor's Rod – (Metric/Imperial Combination)	1	15	B	
Table Saw Blades	2	8	B	
Torpedo Level	1	15	B	
Trammel Points	1	15	B	
Try Square	1	15	E	
T Square	1	15	E	
Utility Knife	3	5	B	
Water Level	1	15	B	
Wood Chisel - (1/4", 1/2", 3/4" and 1")	3 sets	5 per set	B	
Wood Rasp	1	15	B	
Wrecking Bar	3	5	B	
EQUIPMENT				
Air Compressor (Portable)	3	5	B	
Brooms	6	3	B	
Calculator	3	5	B	
Carpenter's Apron	3	5	B	
Crowbar	1	15	B	
Dust Collector	1	15	B	
Extension Cords	6	3	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
Garbage Container	6	3	B	
Gas Can	1	15	E	
Pencil	5	3	B	
Roof Brackets	2	8	B	
Scaffolding (6 frames, 2 decks, 6 braces, and 4 jacks)	1 set	15 per set	E	
Shop Vac (Wet / Dry)	1	15	B	
Shovel – Round Top	3	5	B	
Shovel – Square Top	6	3	B	
Step Ladder - 6'	6	3	B	
Wheelbarrow	1	15	B	
SAFETY EQUIPMENT				
Chain Saw Safety Kit - (Boots, Pants / Leg Chaps, Arm Guards, Face Shield with Helmet, Gloves)	1 kit	15 per kit	E	CSA Approved Boots
Eye Wash Station	1	15	B	
Face Shield	2	8	B	
First Aid Kit	1	15	B	
Hard Hat	3	5	B	
Hearing Protection – Ear Plugs	15 per day	1 per day	B	Provide daily
Lanyards	2	8	B	
Life Lines	2	8	B	
Rope Grabs	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
Safety Glasses	3	5	B	
Safety Goggles	2	8	B	
Safety Harness	2	8	B	
Work Gloves	3	5	B	
RIGGING EQUIPMENT				
Block and Tackle	1	15	A	
Cable Come-a-long	1	15	A	
Chain 10' (5/16", ½")	1 each	15 each	A	
Chain Come-a-long	1	15	A	
Chain Fall	1	15	A	
Chain Hoist	1	15	A	
Equalizer Beam (Shop Grade)	1	15	A	
Fibre Rope (150' pc ½")	1	15	A	
Fist Grip Wire Rope Clips	5	3	A	
Flat Bottom Synthetic Web Sling Shackle	1	15	A	
Master Link	1	15	A	
Round Pin Chain Shackle	1	15	A	
Shackles (round pin anchor) ¾"	4	4	A	
Safety Round Pin Anchor Shackle	1	15	A	
Screw Pin Anchor Shackle	2	8	A	
Screw Pin Chain Shackle	1	15	A	

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
Shouldered Eye Bolt	1	15	A	
Shoulderless Eye Bolt	1	15	A	
Spreader Beam (Shop Grade)	1	15	A	
Turnbuckles (Eye, Clevis, Stub, And Hook)	1 each	15 each	A	
U-Bolt Wire Rope Clips	5	3	A	
Web Slings – 15'	2	8	A	
Web Slings – 20'	4	4	A	
Wedge Socket	1	15	A	
Wire Mesh Sling	1	15	A	
Wire Rope (1/4", 3/8", 1/2", 5/8")	1 each	15 each	A	
Wire Rope Sling (4' 1/2")	2	8	A	

Note: If identifying sets, please include specific information.