



2010 NATIONAL COMPETITION

Carpentry

**Pre-Competition Information
for Competitors**

INTRODUCTION

Congratulations on qualifying for a WorldSkills New Zealand National Competition. The pathway to success includes a careful study of these instructions. **Please read these instructions fully especially the rules for the competition and the list of tool that you are required to bring. The project plan is sent to you 2 weeks before the competition and it will be important to study the drawings.**

A WorldSkills New Zealand competition will give you a ranking against your peers according to the skills you demonstrate on the day. You are judged according to your ability to achieve set goals and are awarded marks according to how well you achieve those goals. Unlike standard competency assessments if you perform better than the industry standard demands then you will be rewarded for that effort.

The project consists of the following elements:

- Wall framing
- Roof framing – Unequal hip and rafter set out and backing bevels
- Weatherboard cladding

It is advised to hone your skills on the above disciplines. A plan of the project will be sent to you 2 weeks prior to the competition.

Competition Schedule

The maximum working time for this competition is 22 hours.

The timetable for the day of competition is shown below. (Subject to change)

Day of Arrival (Wednesday 22th September)

3.00pm – 5.00pm	Arrival, draw for work stations and instructions
5.00pm – 6.00pm	Opening ceremony

Day 1 (Thursday 23th September)

9.00am	Familiarisation
9.10am	Commence work on project
Competitors take breaks at different times	Morning Break
	Continue with work project
Morning and afternoon breaks – 15 mins	Lunch Break
	Continue with work project
Lunch – ½ hr	Afternoon Break
	Continue with work project
5.30pm	Stop work on the project
5.30pm	Competition debrief

Day 2 (Friday 24th September)

8.00am	Familiarisation
8.10am	Commence work on project
Competitors take breaks at different times	Morning Break
	Continue with work project
Morning and afternoon breaks – 15 mins	Lunch Break
	Continue with work project
Lunch – ½ hr	Afternoon Break
	Continue with work project
4.30pm	Stop work on the project
4.30pm	Competition debrief

Day 3 (Saturday 25th September)

8.30am	Familiarisation
8.40am	Commence work on project
Competitors take breaks at different times	Morning Break
	Continue with work project
Morning and afternoon breaks – 15 mins	Lunch Break
	Continue with work project
Lunch – ½ hr	Afternoon Break
	Continue with work project
5.00pm	Stop work on the project
	Competition debrief

Day 4 (Sunday 26th September)

	Cleaning up at the venue
11am	Awards Ceremony

Marking Scheme Summary

All competitors who compete in this skill category will be judged according to the same criteria. A summary of the STages and the number of marks allocated to each section is shown below.

Stage	Task	Marks	
		Raw Mark	Percentage
1 Wall Framing	Cutting out	51	13.8 %
	Assembly	45	12.2 %
2 Roof Framing	Cutting out	72	19.5 %
	Assembly	72	19.5%
3 Exterior Cladding	Cutting out	18	4.9%
	Assembly	84	22.8%
General Appearance	Quality of finish and placing hardware	27	7.3%
	Total	369	100

Description of Marking Scheme

Judges will carry out objective marking in areas of the project where tolerances can be applied or where it can clearly be seen that a task has or has not been completed.

The following shall be observed for all judging criteria:

A mark of 3 will be awarded when the apprentice is deemed to have performed the task neatly, correctly and accurately in a safe manner.

A mark of 2 will be awarded when the apprentice is deemed to have performed the task within acceptable industry standard for tolerance variation as stated, and in a safe manner.

A mark of 1 will be awarded when the apprentice is deemed to have performed the task below industry standard and stated tolerance variation.

Note: Any action, which could result in compromising the safety of themselves or of others, will result in the disqualification of the competitor.

Judges to deduct 1 mark off the **end total** for each extra piece of timber used and re-cut made.

Maximum marks deducted shall not exceed 5 in total.

Rules for the competition:

- Discussion with the other competitors or members of the public on the project tasks is not permitted during the competition. Should you require any help during the competition you need to talk directly with the supervisors or judges.
- Competitors must remain in their own work area during the competition and must not wander around looking at what other competitors are doing.
- Smoking will not be permitted in the competition area, all competition areas deemed to be smoke free.
- All safety standards for your trade must be adhered too at all times. You will be stopped by the judges should you demonstrate unsafe practices at any stage. This may result in you being excluded from the competition.
- All time allowances stated for projects will be adhered too. Any additional allowances will be at the discretion of the judges.

EQUIPMENT TO BE SUPPLIED BY THE COMPETITOR

Competitors are responsible for their own tools. It should be noted that all power tools and machinery must comply with OSH regulations and have adequate safety guards and be in what is deemed to be safe operating condition. At the discretion of the officials any suspect piece of equipment may be prevented from being used.

Competitors are to bring the tools listed below.

- 1m folding rule
- Measuring tape 5m
- Steel rule or straight edge 1m (optional)
- Pencils
- Marking knife (optional)
- Hammer
- Nail punches
- Combination or try square and mitre square
- Roofing square
- Hand saws - panel, tenon
- 2 sliding bevels and/or angle finder
- Marking gauge
- Set of chisels
- No 4 plane
- No 5 or 6 plane (optional)
- Screwdriver bits
- Drill bits
- Screwdrivers
- Oil stone and oil can
- G or quick release clamps (optional)
- Battery powered drill (optional)
- Trammel

Drawing instruments:

- Scale rule
- Set squares
- Compass
- 2H drawing pencil
- Coloured pencils or pens (optional)
- Eraser
- Portable scientific calculator
- Scribble paper (optional)

Personal equipment:

- Appropriate clothing, safety footwear, ear muffs/plugs, safety glasses and dust masks.

Portable powered tools will be provided at venue, however you may bring your own if preferred. **NO** gas framing/nail guns to be used.

Tools will be checked for Electrical WOF.

For their own benefit, competitors must ensure their equipment is in 1st class condition for the competition.

Good Luck – We trust you will have both a rewarding and challenging experience.