



worldskills New Zealand

2010 NATIONAL COMPETITION

Bricklaying

**Pre-Competition Information
For Competitors**

Project Designer/s:

Greg Sinden Weltec

Name and contact details for National Skill Expert

Greg Sinden

0274813179 (After 12 Midday)

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 and retain them for the competition days.**

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 [the minimum mark], then you will be rewarded for that effort.

There are three models that you will need to complete in the time set. Two of the models will be sent to you two months from the start of the competition and the final model will be given out at the familiarisation on the day you arrive.

Competition Schedule

The maximum working time for this competition is 21 hours. As a competitor you should keep track of time yourself. The timetable for the day of competition is shown below.

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Day of Arrival (Wednesday 22 September)

3.00pm – 5.00pm	Arrival, draw for work stations and instructions
5.00pm	Opening Ceremony
6:30pm	Dinner at CPIT

Day 1 (Thursday 23 September)

9.00am –	Familiarisation
9:30 am	Commence work on competition project
Competitors take breaks at different times.	Morning Break
	Continue work on competition project
Morning and afternoon breaks – 15 mins	Lunch break
	Continue work on competition project
Lunch ½ hr	Afternoon Break
	Continue work on competition project
5:00 pm	Stop work on competition project
5:00 pm	Competition Debrief

Day 2 (Friday 24 September)

8.00am	Familiarisation
8:30 am	Commence work on competition project
Competitors take breaks at different times.	Morning Break
	Continue work on competition project
Morning and afternoon breaks – 15 mins	Lunch break
	Continue work on competition project
Lunch ½ hr	Afternoon Break
	Continue work on competition project
4:00 pm	Stop work on competition project
4:00 pm	Competition Debrief

Day 3 (Saturday 25 September)

8.00am -	Familiarisation
8:30 am	Commence work on competition project
Competitors take breaks at different times.	Morning Break
	Continue work on competition project
Morning break– 15 mins	Lunch break
	Continue work on competition project
Lunch ½ hr	
3.15pm	Stop work on competition project
3.05pm	Competition Debrief

Day 4 (Sunday 21 September)

9:00 – 11am	Taking models down and clean up at CPIT
11am	Awards Ceremony

Marking Scale Summary

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

Section	Task	Maximum Possible Marks
1	Dimensions	12
2	Level	6.5
3	Plumb	19.5
4	Alignment	12.5
5	Angles	10.5
6	Details	13
7	Jointing	15.5
8	Finish	10.5

On Day 1 of competition you will receive a blank copy of the marking scheme for your skill category. You will be allowed to retain this during the competition. We recommend that you refer back to this regularly throughout the competition.

Description of Marking Systems

The following marking systems will be used by the Judges in their assessment of your project.

Objective Marking

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 marks to be awarded are scaled as shown:

- Within 2% of tolerance maximum marks
- Within 2% to 5% of tolerance 50% of marks
- Within 5% to 7% of tolerance 20% marks
- Greater than 7% or not attempted no marks

Subjective Marking

Judges will carry out **subjective marking** in areas of the project where a visual assessment needs to be made.

Description of Judges marking scale where subjective marking is to be used.

Judges Marking Scale	0-10
Perfect	10
Very Good	9
Good	8
Acceptable	7
Sufficient	6
Medium	5
Weak	4
Poor	3
Bad	2
Very Bad	1
Not acceptable/Not attempted	.05

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 should supply the information listed below.

- Trowel
- Pointing Trowel
- ½ Round Jointer
- Flat Jointers
- Folding Rule
- Wheeled Raker
- Measuring Tape
- Brick Hammer
- Small Square
- String Line
- Line Blocks
- Brush
- Pencils
- Knife
- Angle Bevel
- Level 1.200
- Level .600
- Level Boat
- Cleaning Materials –Sponges , Rags
- Chalk Line
- Safety Boots
- Ear muffs
- Safety Glasses
- Flexible sheets marked out to bond size for bricks and blocks

Drawing Equipment

EQUIPMENT AND MATERIALS TO BE SUPPLIED BY THE ORGANISERS

- Large Metal Square x 9
- Metal Straight edge 2.5m long x 9
- Mortar Board x 9
- Rubber Buckets x 9
- Water Buckets x 9
- Shovels x 5
- Broom x5
- Wheel Barrows x 5
- Electric Mortar Mixer x1
- Buckets for mixer x 2
- Shovel for Mixer x 1
- Scrubbing brushes x 3
- Jig Saw
- Spare jig saw blades x 3
- Electric Brick cutting saws x 3
- Bagged Graded Mortar Mix x 80 (Already Sponsored)
- Bricks 1000 Plain brick, 1000 Contrast brick (Already Sponsored)
- Blocks 270 Full blocks, 180 half blocks (Already Sponsored)
- Water drum x 1
- Material Tape to mark out work stations x 4
- Hose with connections for mixer
- Hoses with connections for Saws
- Large table and chairs for judges
- R.C.D x 4
- Extension Leads x 4
- Bottled water for judges and competitors through the competition days
- Coffee / Tea /Milo / milk/cups/ spoons and an electric jug for competitors and judges
- Small fridge
- Box of Black biros
- Calculators x 3
- Lined Refill x 1
- Clip boards x 3
- Stapler x 1
- Staples x 1 box
- Large Clock x 1
- Lockable cupboard x 1
- Fire extinguisher x 1
- First aid kit x 1
- Lockers for each competitor and judges
- Board to make templates x 1 @ 2.400 x 1.2 x .006mm
- Straight wooden 25x25 x1.6 gauge rods x 9
- Carpenters square x 9
- 1.2x1.2 Drawing Boards x 9

- 1.2x1.2 Drawing paper x 30 sheets or roll
- Large drawing squares x 9
- Large yellow 30-60 and 45 set squares 9 pairs
- Large set of dividers x 9
- Trammel Heads x 9 sets
- Barriers, signs to keep spectators out of Competitors area
- Stands for each competitor to hang drawings and marking sheets on
- Stand to hang drawings on for spectators to see what the competitors are building
- 80x25x2mm pieces of metal for gauging x 40
- Cleaning Sponges x 9