



2010 NATIONAL COMPETITION

Autobody Repair

**Pre-Competition Information
for Competitors**

Project Designer/s:

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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.

Competition Schedule

The maximum working time for this competition is 19 hours. As a competitor you should keep track of time yourself. The timetable for the days of competition is shown below.

Day of Arrival (Wednesday 22 September)

3.00pm – 4:30pm	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 1 hr	Afternoon Break
	Continue work on competition project
6:00 pm	Stop work on competition project
6pm - 6:30 pm	Clean up and 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 1½ hr	Afternoon Break
	Continue work on competition project
4:30 pm	Stop work on competition project
4:30 pm	Clean up and Competition Debrief

Day 3 (Saturday 25 September)

8.30am -	Familiarisation
9 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 1 hr	
3.00pm	Stop work on competition project
3.05pm	Competition Debrief

Day 4 (Sunday 21 September)

	Clean Up at CPIT if necessary
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
One	Strip and Reassemble	15
Two	Work on SRS System	15
Three	Measuring Autobody	15
Four	Metal Finishing & Sectional Repair	20
Five	Metal Finishing Repair (Aluminium Doorskin)	10
Six	Plastic Repair 1	10
Seven	Plastic Repair 2	10
Eight	Safety	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	0

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 equipment listed below.

Compulsory Personal Safety Equipment

Long Sleeve Overalls

Safety Boots

Safety Glasses

Air Muffs

Gloves

MIG Welder Helmet

Respirator

Personal Handtools

Measuring Tape

Cold Chisel

Screw Drivers/Bits

Socket Set

Spanners

Hammers and Dollies

Slapping Iron

Body File

Personal Power Tools

Drill + Drill Bits

Spottle Drill

Hacksaw

Cut Off Saw

D A Sander

Ratchet

Belt Sander

EQUIPMENT AND MATERIALS TO BE SUPPLIED BY THE ORGANISERS

Welding Equipment

MIG Welder
Spot Welder
Plastic Welder
Anti Splatter
Wire Cutters

Marking and Cutting Handtools

Rules
Marking Gauges
Scriber
Tin Snips

Metal Cutting and Forming Equipment

Guillotine
Folders
Rollers

Autobody Measuring Tools

Trammel Bars
Tape Measure
Vernier Gauge

Misc. Tools and Equipment

Bench/Vice
Safety Shields
Air Lines
Electric Leads
Weld Thru Primers
Abrasives
Plastic Filler for Bumpers

