



**NEW ZEALAND ASSOCIATION OF MODEL  
RAILWAY CLUBS INCORPORATED**

**COMPETITION RULES**

Adopted 23 April 2005

## **1. ENTRY CONDITIONS**

### **1.1 Registration.**

All entrants in competitions must be registered participants at the convention, or if competing by proxy must pay at least the minimum convention registration fee.

### **1.2 Entry forms.**

- (a) A properly completed entry form must accompany each entry.
- (b) If inadequate or misleading information is provided the entry may be disqualified.
- (c) The Entry Form must include the Entrant's Convention Registration number but not the Entrant's name(s).
- (d) A separate sheet must be attached to the Entry Form containing the Entrant's name(s) and contact address.

### **1.3 Two entries per category.**

No entrant may submit more than two entries in any one category.

### **1.4 Scale limits.**

Models may be in any proportion not exceeding 1:20.3 in relation to a full-sized prototype.

### **1.5 Builder.**

Only models or portions thereof that have been built by the entrant are eligible for competitions.

### **1.6 Previous winners.**

Any entry or part thereof that has won a place or award in any previous NZAMRC competition may not be entered in any future competition.

### **1.7 Equal terms.**

Within each category all models, scratchbuilt or kit based, will be submitted for judging on equal terms.

## **2. ENTRY CATEGORIES**

### **2.1 Locomotives:**

Steam, diesel, electric, etc. (Entries in this category will gain additional points if able to run under their own power.)

### **2.2 Self-propelled:**

Railcars, multiple-units, trams, etc. (Entries in this category will gain additional points if able to run under their own power.)

### **2.3 Passenger rolling stock:**

Passenger rolling stock

### **2.4 Freight rolling stock:**

Freight rolling stock.

### **2.5 Non Revenue Rolling Stock:**

Non Revenue Rolling Stock includes passenger cars, brake vans, freight vehicles and others which have been converted for other purposes.

### **2.6 Trains:**

Any train consisting of at least one power unit and a minimum of two trailing vehicles.

### **2.7 Railway plant and equipment:**

Rail cranes, jiggers, ballast tampers, snow ploughs, etc.

### **2.8 Permanent Way:**

Trackwork, points, crossings, slips, turntables, signals, level crossings, lighting towers, etc.

### **2.9 Lineside vehicles:**

Road vehicles pertaining to railways: - the likes of lorries, earthmoving, container-handling, or farm machinery; horse-drawn vehicles, mobile cranes, flat-decks, local buses, motorcars, cycles, motorcycles, etc.

### **2.10 Bridges and Viaducts:**

Only incidental scenery permitted. (Note: Any scenery must be of a secondary and incidental nature and will not be considered as a part of the entry.)

### **2.11 Structures:**

Other than bridges and viaducts pertaining to railways. Only incidental scenery permitted. (Note: Any scenery must be of a secondary and incidental nature and will not be considered as a part of the entry.)

### **2.12 Scenes:**

Composite models forming a scene or diorama.

### **3. JUDGING FACTORS AND POINTS**

Judging must be carried out according to the factors and within the points available as follows:

#### **FACTORS**

##### **3.1 Skill - Up to 20 points.**

(a) Scratchbuilt

Deals with evident craftsmanship, proper handling of materials and the general approach to construction.

(b) Kit based

Deals with proficiency in preparing parts for assembly, aligning parts, and the general approach to construction.

**(Definition:**

**Scratchbuilt** refers to models of which more than 50% is hand-made using basic materials like sheetmetal, metal bar, wood, plastic or cardboard. Manufactured parts may be used to add detail or to avoid having to make commonly used items but (except for exempted items - see clause 3.6) these parts will count as non-scratchbuilt when determining what proportion of the entry has been built from scratch. Manufactured parts such as castings, turnings, and the like, when the entrant makes them or the patterns or masters for them, count as scratchbuilt parts.

**Kit based** refers to kitset, modified kitset, and cross-kit models.

In these rules:

(a) A kitset model is one made entirely from parts supplied commercially as a kitset but may require the addition of common parts not supplied, such as wheels or motors.

(b) A modified kitset model is one based on a kitset that has been modified in some important respect. The modifications may apply to size, mechanical elements, appearance, amount of detail or any similar attributes.

(c) A cross-kit model is one made using parts from more than one kitset or ready-built model.)

##### **3.2 Complexity - Up to 20 points.**

Deals with the varying degrees of difficulty, including the amount and intricacy of work entailed.

##### **3.3 Conformity (Scratchbuilt) - Up to 20 points**

Deals with what is generally termed 'prototype practice' - logical construction correct application of parts, and inclusion of detail.

##### **3.4 Fidelity/added detail (Kit based) - Up to 20 points.**

Deals with fidelity to kitset, amount and accuracy of detail added including any modifications

### **3.5 Finish - Up to 20 points.**

The proper use of painting, ageing, weathering, lining, lettering and other similar effects to impart the desired final appearance.

**3.6 "Exempted parts"** include: paint, electronic components, light bulbs, motors, gears, gearboxes, wheels, couplers and similar items requiring technology beyond the scope of the home workshop. A ruling on the admissibility of any parts may be obtained from the Competition Committee by letter, or at the time of entry.

### **ADDITIONAL FACTOR - MOTIVE POWER (2.1 AND 2.2)**

(Entries in Categories 2.1 (Locomotives) and 2.2 (Self-propelled) may gain additional points if able to run under their own power.)

### **3.7 Runability - Up to 20 points.**

### **3.8 Levels of Placings.**

- (a) Gold with Merit  $>90\%$  of available marks
- (b)  $80\% < \text{Gold} \leq 90\%$  of available marks
- (c)  $75\% < \text{Silver} \leq 80\%$  of available marks
- (d)  $50\% \leq \text{Bronze} \leq 75\%$  of available marks