

Chapter Challenge

The Chapter Challenge is aimed at promoting teamwork within the chapters of the IWG. The challenge for 2014 is to make a model traction engine. As with previous competitions, the design and implementation are left at the discretion on the chapters. However, the following criteria must be met:

- a) For the purpose of this competition a traction engine is defined as a self-propelled† steam engine used to move heavy loads on roads (not railway), plough ground or to provide power at a chosen location.
- b) The model must not exceed 750mm in length.
- c) The model should be made entirely of wood. However, where the plan necessitates the use of other materials for functional reasons (e.g. a chain for the steering mechanism), this will be permitted.
- d) A copy of the plan used to make the model should be provided with the entry. *Given that this is a team competition, a plan of some sort will be necessary but this does not mean that a pre-published or existing plan must be used. A chapter may choose to draft an entirely new plan or to modify or re-scale an existing plan or use an existing plan unchanged.*

There are many plans and photos available on the internet.

The judging criteria will be as follows:

1. Concept, technical difficulty and use of materials. [20 points]
2. Adherence to plan. [20 points]
3. Craftsmanship, finish and overall impression of the judges. [50 points]
4. Number of turners participating: [10 points] (9 or more = 10 points, 4-9 = 8 points, 1-3 = 4 points)

In the event of a tie the chapter with the greatest percentage of its members involved will win. We would ask that chapters present photographs of the members involved in the project.

† **Note:** While the model should be of a traction engine - the model itself does not need to be self propelled.

Important Notes on Chapter Challenge Entries

To facilitate the judging of the chapter challenge and checking of all the above criteria we would ask all chapters intending to enter the competition to:-

1. **Notify Rich Varney or Peter Lyons on or before 22nd September 2014 in writing (by email or post - contact details are on page 3 of the journal) of their intention to enter and provide the following information:**
 - i. Names of the turners involved in the project (this information will not be shown the judges, but will be used independently for scoring the fourth criterion).
 - ii. The plan or plans used for the project
 - iii. A resume of any details they want to highlight to the judges, e.g. explanation of techniques used during construction.
 - iv. Photos taken during the project and of the teams. (These will not be shown to the judges, but may be used in the Journal and in the slideshow at the Seminar.)
2. **Bring the Traction Engine itself to the competition area on Friday 26th September or before 9:30am on Saturday 27th September to enter the competition.**