



Model Engineering Association of New Zealand Incorporated.

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MEANZ UPDATE May 2023.

In line with the policy of using recent incidents at member Societies and Clubs as a possible Safety Learning here is a most recent case.

The incident happened when unauthorised members of the public gained access into an area signposted as restricted and managed to start and drive a loco stored there.

Learnings:

1. Areas that are “members only” should where possible, have a barrier of some kind as well as suitable notices. Brightly coloured plastic safety chain or temporary fencing may be required.
2. Locos, especially electric or battery powered, must be rendered inoperable when in either temporary (driver having a break) or in permanent storage.

No one was injured in the above-mentioned incident but clearly there was a potential for this to end poorly.

Notices for public information should be large, clearly written or printed, and mounted at adult eye line or lower.

Also, due to our increasingly multicultural society, perhaps

multilingual signage may have to be utilised. Make a judgement based on the public who use your club.

Best regards.

Rob Wilson

MEANZ President.



Incident report summary:

Below is a summary of incidents that clubs have reported. Please read through them and challenge if this could happen at your club, and put some controls in place. This is a great way that you can improve the safety at your club without actually having an incident yourself. Thanks to the clubs that have shared.

Incident	Outcome/Action taken
Unauthorised public, entered a club building	<ul style="list-style-type: none"> • Club electric loco isolation switch key is

<p>and took an electric locomotive out onto the mainline while everyone was busy.</p>	<p>now kept in a safe location</p> <ul style="list-style-type: none"> • Chains with no entry signs have been fitted across club building entrances.
<p>Member was loading loco onto an uncoupled car trailer. A person was standing on the drawbar to stop it tipping up. They moved and the trailer kicked up (fortunately no one was hurt this time).</p>	<p>Ensure trailer is secured in a way that will not tip up when loading. This can be done by being coupled to a vehicle, or by being propped at the front and rear.</p>

The next convention will be held in Hamilton from the 8th till the 13th of January 2025. As time gets closer the club distribute more details.



Boiler sheet

There have been several questions floating around our model engineering community with regard to what is the correct boiler code or version to use. An updated version of a boiler flow sheet for model boilers has been uploaded to the website. This has been checked by Worksafe and should be your first reference to what the requirements are for your boiler. This does not cover miniature boilers less than 0.5L.

We will attach the boiler flow sheet with this Update. The Webpage will be showing this article as soon as the article page goes online.

MEANZ Webpage.

The MEANZ Webpage is now a standalone Webpage. Sean Heenan is Webmaster at this stage so he is in charge of any changes.

<https://meanz.org.nz/>

The article section is not available on the MEANZ webpage at present but we hope they will be soon.

2025 Convention.



Model engineering, Worksafe & why do we care.

Our model clubs generate interest with the public, to subsidise our club expenses and offer an enjoyable experience. Most of our clubs offer rides. Offering rides to the public requires us to comply with the amusement device regulations. This puts each club in a position of responsibility to ensure public safety. Worksafe are essentially the policemen that ensure that the amusement device regulations are upheld. They issue our amusement device certificates after your club has completed its audit. As you can understand it is important that we maintain a strong working relationship with Worksafe. The negative/negligent action of one club can put the whole hobby into disrepute.

Worksafe keep a regular eye on us, both by attending our clubs in person

and keeping an eye on what we post on our club websites and Facebook pages. Heather has had queries from Worksafe regarding underage drivers in photos and videos being posted on the NZ Model Engineers Facebook page. It is easy for Worksafe to take photos out of context (such as a young person driving with their family). In the interest of us being able to continue to operate our clubs without miss interpretation by WorkSafe, it is best that no photos or videos are posted on the web that have children driving any equipment (even if it is on a club member only day).

Due to the responsibility clubs have to ensure public safety, it may mean that some of the clubs rules put in place for the interest of public safety, may not suit your preferences. Please be respectful of the rules, if you feel that you have a recommendation for improvement, raise it with your club in respectful manner.

Lester Watchorn.

Heather Wilson
MEANZ Secretary/Treasurer

May 2023