

Model Engineering Association of New Zealand Incorporated.



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MEANZ UPDATE July 2019.

Biennial General Meeting

In six months' time some of you will be enjoying the hospitality of the Hamilton Model Engineering Club at the Steam and Steel 2020 Convention during which the biennial general meeting of the Model Engineering Association of New Zealand will be held.

At the last biennial general meeting held in Nelson the MEANZ executive indicated that they would not seek re-election to office in 2020. This remains the case with the office of President, Secretary and the North Island Representative.

The MEANZ executive request that our member clubs actively seek out candidates from within their membership, who have the personal and or professional qualities requisite of office and have the passion for the future wellbeing of our hobby.

Review of Health and Safety Regulations dealing with Plant and Structures

Your executive have been engaged with the Ministry of Business, Innovation and Employment over the review of regulations contained within the Health and Safety Act with regard to the Amusement Device Regulations (ADR) and the Pressure Equipment, Cranes

and Passenger Ropeways Regulations (PECPR). The model engineering hobby is in part regulated under these regulations because of our miniature railway operations (ADR) and our use of steam raising plant: i.e. Boilers (PECPR)

This review process is running about 12 months behind the proposed timetable as set out at the commencement, which is why there has been little in the way of feed back to our member clubs from the executive as we have been awaiting the release of reform proposals to enter the public submission stage of the process. The reform proposals were released for public submission on July 10th. These proposals can be viewed at the MBIE website MBIE.GOV.T.NZ. Have/your/ say. Section 5 High Risk Plant covers areas associated the ADR and PECPR regulations. The submission process closes on the 4th of October.

The proposal is for the ADR and the PECPR to be repealed totally and replaced with a common regulation to cover the manufacture and operation of all categories of high risk plant and equipment based on the level of risk associated with the said plant and equipment and modeled on the regulations in use in Australia modified for New Zealand conditions.

MBIE will be running specialist forums for industry groups involved with the ADR and PECPR regulations to which MEANZ will attend.

MEANZ will be making a substantial submission addressing proposals which have effect on our hobby and if any of our member clubs wish to contribute to the formation of our submission please contact one of your executive team.



Fabrication of Steel Boilers

For the guidance of your club boiler inspectors.

Under the provisions of AMBSC code part 2 issue 4 1995 which is approved by Worksafe NZ and listed in the approved code of practice (ACOP Boilers) for our use in the fabrication of model boilers the only approved welding process is Manual Metal Arc (MMA) using Low Carbon Steel Electrodes.

Where a model boiler is to be constructed by a club member under AMBSC Code 2 1995 and the fabrication and or welding of said boiler is undertaken by a commercial pressure equipment manufacturer the welding processes used may not comply with AMBSC Code part 2 section 2.5.1 Welding materials.

Commercial pressure equipment manufacturers who follow best industry practice will follow other standards covering weld procedures and processes which may or may not include TIG welding and Flux Cored MIG welding and will have in place quality assurance systems to document the fabrication

process. These industry standards used along with a quality assurance system are deemed to **exceed** the provisions of AMBSC Code part 2 1995 and hence should be acceptable to club boiler inspectors.

Club boiler inspectors will need to determine if the chosen pressure equipment manufacturer does indeed follow best industry practice, ideally before fabrication commences. Under the provisions of AMBSC Code 2 1995 club boiler inspectors have discretion to have addition non destructive testing of welds carried out.

Changes in Club Personal.

If you have changes in your club President, Secretary or MEANZ rep please give the name, phone number and email address to Heather (MEANZ Secretary). If your club address has changed, please send this as well.



Subscriptions

Two clubs haven't paid their subscriptions and this will mean if not paid soon will be denied votes at the BGM and lose their status as members.

Steam and Steel 2020 Convention.

The Steam and Steel convention is being hosted by Hamilton Model Engineers Inc. and will run from Thursday January 9th until Monday January 13th 2020, running for the public all five days from 10:30am - 3pm. If you wish to attend the Steam N' Steel 2020 Convention as a registered attendee, registrations are now live! Five full days of model engineering, challenges and formal dinners are just some of the events happening at the convention, so get onboard now! Registrations are available through their online 'Google Forms', which is linked to the website. Plus, a PDF copy can be downloaded and printed, then emailed or posted back to them. For more information on registrations, please contact 2020@hme.co.nz or check their website on <https://www.hme.co.nz/page/steam-and-steel-2020/> They have introduced 'Day Passes' for those wishing to only attend for 1-2 days. From \$25 per person, per day, a day pass will grant the individual the following:

- Access to the Hamilton Model Engineers site, beyond regular public areas
- Morning/Afternoon Tea
- The ability to bring your own or drive locomotives at the convention (with the correct paperwork and licensing)

The MEANZ BGM will be held on Saturday the 11th of January, 2020 at 9am at this stage in the Marquee but to be confirmed.

The Auditors meeting is 9am on the Sunday the 12th in the Marquee but venue to be confirmed.



Heather Wilson

MEANZ Sec/Treas July 2019