



Redwater Creek Steam & Heritage Society Inc.

ABN: 17 626 054 140

Post: PO Box 143, Sheffield 7306, Tasmania, Australia

Email: admin@sheffieldsteam.com.au

Website: www.sheffieldsteam.com.au

Phone: Chris 0429 418 739

Patron: Eric Hutchinson,

PROUDLY SUPPORTED BY KENTISH COUNCIL

Letter updated 11th September 2017

To those interested in our next Training Weekend – **Thursday 31st November to Sunday 3rd of December 2017.**

RE STEAM BOILER AND RECIPROCATING ENGINE TRAINING

The Redwater Creek Steam and Heritage Society Inc will again be holding its annual steam training weekend for those with no past experience in steam right through to those wishing to sit their high risk work licences. The weekend will train those who wish to focus on hands on experience and engine management skills along with theoretical sessions and will again offer High Risk Boiler and engine ticket examinations subject to minimum numbers being met, participants completing on line registration/training and having records of signed off supervision.

As organizers of SteamFest, where many in the committee are engine owners, we are promoting our training weekends as a way of engaging the next generation and ensuring that there are competent people to run the event into the future.

We recognize that our course is of interest to others from across Australia and we view promotion of our training weekend and training of enthusiasts as part of our obligation towards keeping the sector sustainable. We also enjoy networking with Tasmanian and Mainland enthusiasts and the excuse to get the engines out!

Similar to P plates when obtaining a car license, we note that obtaining a High Risk License from our course does not mean that you are fully competent to take charge of steam plant.

Owners of plant are obliged under their duty of care to ensure that operators of their equipment are competent. In today's training environment evidence of competency attainment needs to be formalized. We have developed a task competency record framework and training documentation with the Maitland Steam and Antique Machinery Association so that course participants can begin the process of signing off competencies. The document presents specific groups of competencies which are required for different skill levels of engine operation. For example operation of an engine around a parade ground vs a road run or coupling to machinery or loading on semi-trailers.

Last year the Sheffield Steam and Heritage Centre conducted its sixth steam training weekend with participants from across Tasmania and Australia attending. We presently have a number of expressions of interest for the course this year.

Obtaining a High Risk Engine Stationary and Standard Boiler License coupled with signoff on the group of competencies for basic operation are being promoted as the minimum requirements for unsupervised engine operation.

There are quite a few experienced hands offering their time to come along and provide one-on-one tuition and to run the engines during the weekend. We expect that there will be in



the order of 2 road steam engines and the Krauss locomotive in steam during the weekend.

The basics of the weekend are:-

- The aims of the weekend are to offer people the Standard Boiler, Advanced Boiler and Reciprocating Steam Engine Assessments, if they are ready to do these assessments and to start assessing and signing off competencies in aspects of engine operation and maintenance for those who either already have their high risk licence or those who wish to start from a lower base of steam knowledge.
- The weekend and future assessment weekends will rely heavily on input from the accredited assessor – **We require people who are aiming to sit for the High Risk Licences to register specific interest in which tickets you are aiming to sit for.**

For those doing the High Risk Licences – LearnPRN Pty Ltd trading as SteamTraining is the Registered Training Organisation RTO underwriting the licencing and Andrew Bridger will be the trainer/ and assessor for the weekend. Andrew advises that:-

- *Costs for sitting examinations for each ticket is \$450 each payable to LearnPRN Pty Ltd, t/as Steam Training via Redwater Creek Steam and Heritage Society. Payment must be made when enrolment is made. A ticket is BS, BA or ES*
- *Due to pull-outs over the past three events, I must now insist that you each get payment in full at time of booking. Once we have received advice from you that payment has been received we will then do the online enrolments. Once we have undertaken the enrolments then there will be NO refund from our end if the person pulls out after that date – short of a catastrophe such as bereavement etc. – we are not totally heartless!! I.e. if we have done the enrolment, we will still charge you the amount, even if the person fails to turn up.*
- *If there are insufficient people doing the examinations we will not proceed. A minimum of 8 assessments is required to make the overall weekend viable.*
- *We will issue practical check sheets and logbooks as previously.*
- *I also WILL NOT assess anyone on the day who has not got a photocopy with them of their 100 points of ID – Sheffield Steam and Heritage Centre has a copier on site.*
- *I will FAIL anyone who has not studied, not made any effort, struggles with the written assessment and cannot complete it in the allowed time frames. If they fail – no refunds. Obviously, people with LLN difficulties are a special case and will be given additional consideration. However I must be alerted about these cases in advance if possible as I will need to rope other persons in to assist with the assessments.*

Andrew Bridger

Please Note;

- HRW assessments will only be provided to people who have completed the online training and also can provide a hardcopy of the Certificate of Completion printed from the online system.
- Student registration forms must be completed by the student and returned to Admin for Redwater Creek (admin@sheffieldsteam.com.au) plus payment of the \$450 fee per licence, prior to online enrolment being made .
A cheque or bank transfer; refer to Graham Shoesmith at grahamshoesmith@bigpond.com to RedWater Creek Steam and Heritage Society is required . Redwater Creek will then submit completed forms plus fees to Learn PRN as a batch. Trainees with fee arrangements with other societies or employers should now organise



payment for fees. Practical training checklists as printed from the on line course – these must be completed prior to assessment and signed off by a licenced person and brought to the assessment.

- Andrew WILL NOT assess anyone who has not completed the online training, the practical checklists and has not recorded relative hours in a logbook. BS/BA and ES can all be in the one logbook if its done on a combined machine – loco or traction engine or similar, 30 hours is a guideline for ES, 40+ for BS and 60+ for BA; preferably all within the past 12 months.
- Hours have to be signed off by a licenced person who supervised the operational experience for each tickets.
- Where we do not know the licenced person please supply a photocopy of their high risk license.
- The RTO will issue a Statement of Attainment in MSABLIC001A (BS) and UEPOPL002A for ES, upon completion of the assessment – this is a mandatory requirement under national WHS guidelines to obtain a HRW licence. The RTO will also issue Tasmanian HRW licence assessment summaries.
- Interstate persons from Vic, NSW, ACT and Qld can also obtain HRW licence assessments but the RTO must obtain prior permission from the WorkCover authority in Tasmania, so we must know who these people are and what licences they seek no later than mid-October. If you pass the examination you will need to go to a Service Tasmania Outlet and obtain the photo ID license. There is one up the road in Sheffield.
- We found in previous years that some of the physical assessments will need to be undertaken off site on a modern steam boiler built post 1952, and on a portable steam engine with a sufficiently large piston diameter (>250mm) in our shed. We will make arrangements to undertake any offsite assessments.
- **Time is now getting short thus it is imperative that registrations are made as soon as possible and initial fees paid.**

The program for High Risk Licence Assessments is

- Revision session for those who want it on the Thursday at 1800 on site.
- Site briefing, then BS written assessments on Friday morning - start at 0800
- ES written assessments Friday afternoon - start at 1300
- Boiler/ engine practical assessments Saturday starting at 0800, including visit to boiler off site, plus BA at Fonterra around 1600.
- BS /engine practical assessments -including visit to boiler off site continue Sunday from 0800 if required
- Assessments conclude Sunday by 1530 latest, for assessor to fly back to Melbourne.

Additional activities during the weekend commence each day at 0800am will include:-

- Initial site induction and safety meeting each day from 0800.
- Saturday hands-on day including boiler raising steam and engine operation for those not involved with written assessments
- A lecture about on lubrication from David Toyne.
- There will be a BBQ on the Saturday evening.
- Sunday – Continuation of competency training for those not involved in practical assessments.



- A lecture on common mechanical components by Peter Martin and David Toyne.
- Sunday some movement of registered engines in the Main Street of Sheffield.

We can arrange your accommodation so that all away from home participants are staying at the same location. Please let us know if you require this.

Training notes that satisfy the national pressure vessel licencing requirements will be made available by SteamTraining to each participant once your registration is confirmed..

Other documents of interest are:

- the National Traction Engine Trusts training manual at <http://www.ntet.co.uk/owners-drivers/code-of-practice> and the Association of Tourist and Heritage Railways of Australia Locomotive Boiler Competencies at <http://www.athra.asn.au/lesson-plans>
- and the Rail Industry Safety and Standards Board - Boiler Codes of Practice for Inspection, Maintenance and Repair of Locomotive Boilers at <http://www.athra.asn.au/boiler-code>

The weekend is not being set up as a profit making exercise - it is more about getting more members of the community enthused, competent and legally permitted to operate heritage steam equipment!

Our costs for the weekend are \$220 (excluding HRW licence fees), course fees covering membership to the Redwater Creek Railway, meal costs (morning and afternoon tea, lunch and bbq dinner on Saturday evening, insurance, wood and consumables. This fee is applicable to all undertaking the training.


Please print copies of documentation from our web page, or if needed please let us know and we can print the documents at \$10 per set. As mentioned the training organization also charges \$450 per ticket for those sitting for the tickets and there are also costs when applying for the licence at Service Tas.

Please also advise if you are attending for the full 3 days and if you have any dietary requirements.

We will collect the \$220 from you on the first day of the weekend, alternatively a cheque or direct deposit can be arranged.

It is great to see so much interest in keeping steam alive in Tasmania. If you can't make it this year there is always next year!

Please contact me on 0429 418 739 or by email on president@sheffieldsteam.com.au if you have any queries.



Yours sincerely,
Chris Martin
President
Redwater Creek Steam and Heritage Society Inc.

