



# **Train Examination (Braking System) Addendum**

## **Performance Checklist**

*(Generic Version)*

**Version 1**

June, 2011

## IMPORTANT NOTICE

This booklet is one of a series of generic training and assessment templates developed by the Association of Tourist & Heritage Rail Australia Inc (ATHRA) as guides for heritage railway operators seeking to develop or upgrade their local training and assessment resources.

This booklet and others in the series are not intended to be training resources in their own right but rather to be suitably customised, embellished and adapted by railway operators to match the specific context of their own railway, e.g. types of locomotives, rollingstock and associated equipment, the track layout and infrastructure, the local standard procedures and rules, the safety management and safeworking systems, the railway organisational structure, and the roles and functions of personnel in the railway, etc.

Railway operators seeking to use this booklet and others in the series should initially refer to the ***ATHRA Customisation Guidelines Booklet*** which provides important information on how the generic templates should be used.

### Disclaimer

The information contained herein is made available by the Association of Tourist & Heritage Rail Australia Inc (ATHRA) as part of a set of ***generic training and assessment templates*** for use by individual heritage railway operators.

It is intended that heritage railway operators will be able to create their own local training resources by suitably modifying, embellishing and customising the generic templates to meet their own requirements.

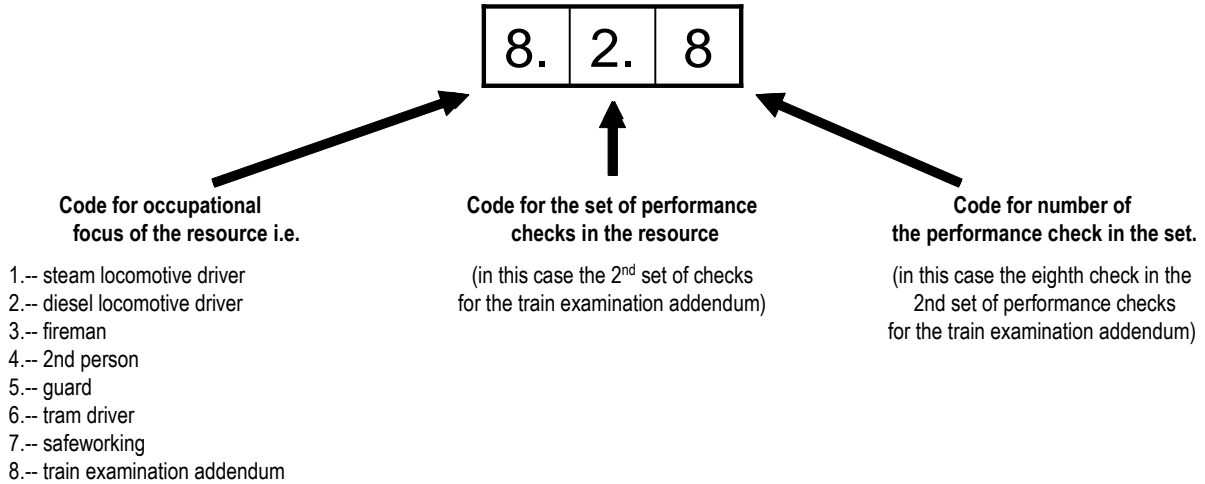
ATHRA does not assume any legal liability or responsibility for the accuracy, completeness or usefulness of any information provided in these generic resources.

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# NOTES

## CODING SCHEME FOR THE ATHRA RESOURCES

The coding scheme for the ATHRA Resources is as follows:



## CUSTOMISATION OF QUESTIONS AND ANSWERS IN THE '*PERFORMANCE CHECKLIST*'

As explained in the ATHRA Customisation Guidelines, this **Performance Checklist** is a generic document designed to be customized and adapted, if necessary, by local heritage railways to match their own railway configuration, equipment, procedures, safety management systems, etc. Performance checks in the booklet may be modified by updating the content of the existing templates to incorporate appropriate information about the railway's own operating system, equipment, road, procedures, safety management system, etc. This may involve appropriate alteration to existing performance checks or the insertion of additional suitable performance checks.

To aid in the addition of performance checks, if needed, a blank row has been provided at the end of each set of checks in the generic checklist. The following is a step-by-step process to incorporate any additional performance checks:

1. Using the mouse, select the blank row
2. In the '**TABLE**' drop down menu at the top of the document select '**Insert**'
3. Click on '**Insert rows below**'
4. Repeat as many times as necessary until you have sufficient rows for the additional performance checks (including the original blank row in the generic document)
5. Insert the text for each of the additional performance checks
6. Insert the codes of the additional performance checks as per the coding scheme for the ATHRA training and assessment resources

**3.1 Role and responsibilities of a person conducting a train examination (braking system)**

*(Under supervision, the learner is to carry out the following tasks)*

- 3.3.1 Obtained, read and correctly interpreted a copy of the duties of a person conducting a train examination (braking system) for the rail operator concerned.....
- 3.1.2 Obtained, read and correctly interpreted copies of the rail operator 's documents describing the statutory responsibilities of a person conducting a train examination, including rail safety and safeworking requirements and regulations related to the train examination .....
- 3.1.3 Obtained, read and correctly interpreted a copy of the standard procedures of the rail operator applicable to a person conducting a train examination, including record keeping and the reporting of defects and incidents .....
- 3.1.4 *Blank for additional performance check? .....*

**3.2 Westinghouse air brake system check**

*(Under supervision, the learner is to carry out the following tasks in a safe and efficient manner)*

- 3.2.1 Conducted an examination of a train with a Westinghouse air brake system as per rail operator's standard procedures for train examination .....
- 3.2.2 Conducted a train examination (braking system) after an extra vehicle is added to a consist as per rail operator's standard procedures for train examination.....
- 3.2.3 Carried out the required brake checks following the detachment of a locomotive from a train with a Westinghouse air brake system as per rail operator's standard procedures for train examination .....
- 3.2.4 Took required action for a number of defects or deficiencies that might occur on a Westinghouse air brake system as per rail operator's standard procedures (presented as case studies of possible defects or deficiencies)
- 3.2.5 *Blank for additional performance check? .....*

### 3.3 Vacuum brake system check

*(Under supervision, the learner is to carry out the following tasks in a safe and efficient manner)*

- |       |                                                                                                                                                                                                                        |                          |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 3.3.1 | Conducted a brake test on a train with a vacuum brake system after the train has been marshalled prior to its departure as per rail operator's standard procedures for train examination .....                         | <input type="checkbox"/> |
| 3.3.2 | Conducted vacuum continuity brake tests at terminal stations or locations when vehicles have been added to a train as per rail operator's standard procedures for train examination .....                              | <input type="checkbox"/> |
| 3.3.3 | Took correct action in the event of simulated difficulties involved in creating the required vacuum when a locomotive is attached to a train as per rail operator's standard procedures for examination .....          | <input type="checkbox"/> |
| 3.3.4 | Took required action for a number of defects or deficiencies that might occur on a vacuum brake system as per rail operator's standard procedures (presented as case studies of possible defects or deficiencies)..... | <input type="checkbox"/> |
| 3.3.5 | Demonstrated the ability to take required action in the event of a vacuum brake failure which can't be remedied in reasonable time as per rail operator's standard procedures ....                                     | <input type="checkbox"/> |
| 3.3.6 | Took required action in the event it is necessary to isolate a vacuum cylinder in the vacuum brake system of a train as per rail operator's standard procedures .....                                                  | <input type="checkbox"/> |
| 3.3.7 | <i>Blank for additional performance check? .....</i>                                                                                                                                                                   | <input type="checkbox"/> |

# **RECORD OF THE PERFORMANCE ASSESSMENT**

Name of Rail Operator .....

Date assessment completed .....

Name of candidate .....

Signature of candidate .....

Name of the person conducting the assessment.....

Signature of the person conducting the assessment.....

<p style="text-align: center;"><b>COMMENTS OF THE PERSON CONDUCTING THE ASSESSMENT</b></p>
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