



**Code of Practice for
Safety Critical
Maintenance
Elements of Small
Plant and
Equipment**

M&EE Networking Group

No **COP0010**
Issue 3
Date Sep 12
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Small Plant and Equipment**

Document revision history

Issue	Date	Reason for change
1	?	First issue (now withdrawn)
2	Oct 05	Updated and reissued (now withdrawn)
3	Sep 12	Reference to GM/RT1310 amended to RIS-1701-PLT, title and scope generalised to "safety critical".

Background

A sub-group of the M&EE Networking Group have looked at the arrangements for safety critical work implications of small plant equipment maintenance. The M&EE Networking Group recommend this COP as good practice for the industry. This has been derived from consultation by the M&EE Group and Rail Plant Association with the Health & Safety Executive.

M&EE COPs are produced for the benefit of any industry partner who wishes to follow the good practice on any railway infrastructure. Where an infrastructure manager has mandated their own comparable requirements, the more onerous requirements should be followed as a minimum for work on their managed infrastructure.

The M&EE Networking Group makes no warranties, express or implied, that compliance with this document is sufficient on its own to ensure safe systems of work or operation. Users are reminded of their own duties under health and safety legislation.

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Sign off

The M&EE Networking Group agreed and signed off this Code of Practice on 12 September 2012 and published on 1 December 2012

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Purpose

This Code of Practice details which elements of maintenance of small plant and equipment should be considered as safety critical.

Scope

This Code of Practice concerns portable/transportable infrastructure plant and equipment conforming to Railway Industry Standard RIS-1701-PLT.

Definitions

Audible Warning Device	Device used to warn staff of train movements
Manual Rail Trolley	Is an item of plant with three or more rail wheels eg "B" type trolleys, rail grinder with outrigger, measuring trolley etc
Small Plant and Equipment	Portable/transportable infrastructure plant and equipment as defined in Railway Industry Standard RIS-1701-PLT excluding any items which are self propelled.

1 General requirements

- 1.1 The small plant and equipment shown in Table 1 is considered to have the listed elements of its maintenance to be safety critical.

Plant Type	Safety Critical Maintenance Elements
Obstructionless Track Jacks	Testing and adjustment of Load Release Times
Manual Rail Trolleys	Maintenance and testing of Brake Systems Maintenance of Wheels and Axles
Welding Generators	Adjustment and Calibration of Welding Output and Instrumentation
Rod Drying Ovens	Adjustment, testing and Calibration of oven temperature
Hydraulic Rail Tensors	Testing and Calibration of Hydraulic Gauges
Impact Wrenches	Adjustment, maintenance and Calibration of Torque Settings and Gauges Impact wrenches with an outrigger arm and rail wheel would also be classed as a manual rail trolley and would include the maintenance of the brake system etc
Audible Warning Devices	Maintenance, Repair and Function Testing Sound Level Calibration and Record Keeping

Table 1 Safety critical maintenance elements of specific items of small plant and equipment