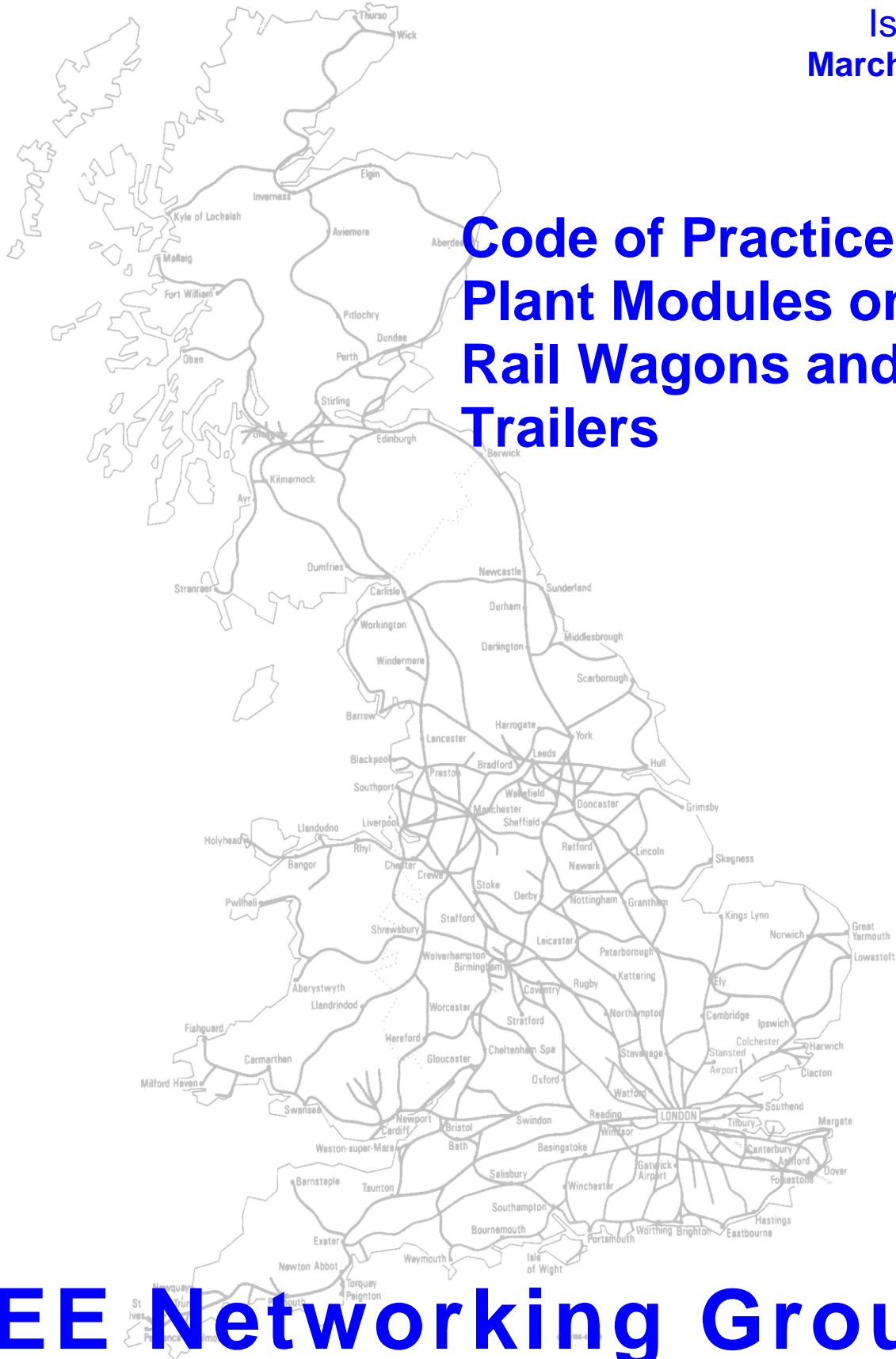


COP0035

Issue 1
March 2016



Code of Practice for Plant Modules on Rail Wagons and Trailers

M&EE Networking Group

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M&EE Networking Group Code of Practice for
Plant Modules on Rail Wagons and Trailers

Document revision history

Issue	Date	Reason for change
1	Mar 16	First issue

Background

A sub-group of the M&EE Networking Group has reviewed the relevant standards on rail wagons and OTMs. This document provides clarification and covers the safety issues regarding this equipment and is provided by the M&EE group as industry good practice.

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 16 March 2016 and published on 04 June 2016.

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Purpose

This Code of Practice identifies the process to be undertaken when plant modules are attached to rail wagons or trailers. This covers the use of plant modules intended to be operated in running, travel and/or work mode whilst mounted, which were not assessed during the original design of the rail wagon or trailer.

Scope

This Code of Practice concerns plant modules on rail wagons or trailers when intended to be used on the rail infrastructure.

Definitions

Load

A mass that is suitably restrained, strapped down, enclosed, for the purposes of transportation only.

Plant Module

Fixed or removable equipment capable of being attached to a rail wagon or trailer, performing a specific function whilst rail wagon or trailer mounted.

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1 Plant modules on Rail Wagons or Trailers

1.1 Engineering Change Assessment

- 1.1.1 The Professional Head of Engineering should determine whether equipment fitted to rail wagons or trailers are considered as a load or a plant module.
- 1.1.2 The plant module mounted on the rail wagon or trailer will require assessment for engineering change as an overall system if any of the following apply:
- It is intended to be manufactured or modified to suit the particular rail wagon/trailer type in order to change its functionality.
 - It is used to carry personnel during running or travelling.
 - It has moveable components which are able to exceed the gauge profile of the wagon.
 - It affects stability during travel, running or operation.
 - It incorporates either electrical, pneumatic, hydraulic systems or an additional power source in operation.
- 1.1.3 For rail wagons with plant modules, the assessment should be to all relevant parts of OTM standards mandated by the infrastructure manager e.g.
- London Underground - S1172
 - Network Rail - GMRT2400, RIS-1702-PLT
- 1.1.4 For rail trailers with plant modules, the assessment should be to all relevant parts of OTP standards mandated by the infrastructure manager e.g.
- London Underground - S1173
 - Network Rail - RIS-1530-PLT