

Ref	NR/GN/ELP/27319
Issue	02
Date	August 2007

Guidance Note

Fixed Plant Standard Maps

Endorsement and Authorisation

Endorsed by:



K. Lydford, Head of Electrification & Plant Engineering

Authorised by:



A. McNaughton, Chief Engineer

Accepted for issue by:



M McManus, National Standards Manager

This document is the property of Network Rail. It shall not be reproduced in whole or part nor disclosed to a third party without the written permission of the Standard Owner.

© Copyright 2007 Network Rail

Uncontrolled copy once printed from its electronic source.

Published and Issued by: Network Rail 40 Melton Street, London NW1 2EE



Ref:	NR/GN/ELP/27319
Issue:	02
Date:	August 2007

Issue record

Issue	Date	Comments
1	June 2007	First Issue
2	August 2007	Includes updates to signalling power supplies and pumping maps and reference to development programme maps

Disclaimer

In issuing this document for its stated purpose, Network Rail makes no warranties, express or implied, that compliance with all or any documents it issues 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.

Supply

Copies of documents are available electronically, within Network Rail's organisation. Hard copies of this document will be available to Network Rail employees on request to the Document Controller and to other organisations from IHS Technical Indexes (01344 404409)

Ref:	NR/GN/ELP/27319
Issue:	02
Date:	August 2007

Contents

1	Purpose	4
2	Scope	4
3	Reference documentation	4
4	Standards Development Programme	4

Appendix A Points Heating

Appendix B Diesel Generators

Appendix C Uninterruptible Power Supplies

Appendix D Signalling Power Supplies

Appendix E LV Electrical Installations

Appendix F HV electrical Installations

Appendix G Heating Ventilation and Air Conditioning

Appendix H Pumping Installations

Appendix I Lighting Installations

Ref:	NR/GN/ELP/27319
Issue:	02
Date:	August 2007

1 Purpose

The purpose of this guidance note is to provide information on the standards which apply to different areas within fixed plant. The guidance is provided in the form of maps for individual topic areas.

2 Scope

The guidance note will assist all persons required to apply standards associated with fixed plant equipment.

The maps cover the following topic areas :-

Points Heating
Diesel Generators

Uninterruptible Power Supplies
Signalling Power Supplies
LV Electrical Installations

HV electrical Installations
Heating Ventilation and Air Conditioning

Pumping Installations
Lighting Installations

The content of the maps is not exhaustive. Overarching legislation e.g. Electricity at work Regulations 1989 is not shown.

3 Reference documentation

Individual maps refer to the appropriate standards.

4 Standards Development Programme

In addition to the maps of existing standards, work has been performed to define the complete suite of standards required for fixed plant engineering using the same template.

As the maps of planned developments are work in progress they will not be formally published however they may be found on CCMS at the following location :-

Cabinets/Standards/02. Company Standards Group/Standards Programme/STEERING GROUPS/Electrification & Plant/Plant Standards Devlpt/Standards Maps/Planned

Fixed Plant Standards Map 1 : Points Heating

