

Ref:	NR/GN/SIG/CAT006
Issue:	11
Date:	02/06/2012
Compliance date:	n/a

Guidance Note

Index of NR Documents Relating to Signalling & Communications Equipment

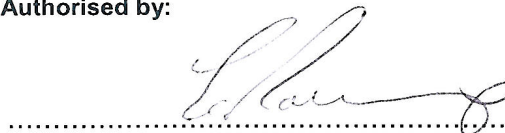
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Issue record

Issue	Date	Comments
1	October 1997	New catalogue
2	December 1998	A number of documents in the index <i>were</i> shown as being owned by S&SD; all documents are now owned by Network Rail Company. A miscellaneous section has been added; it shows documents where final Company status has yet to be decided.
3	February 1999	Further Documents added to Miscellaneous Section. Communications added to title and throughout the document where appropriate.
4	April 1999	One further Document added to Miscellaneous Section.
5	June 1999	Document reformatted.
6	Aug 1999	One further Document added to Miscellaneous Section
7	Oct 1999	One Document deleted from Miscellaneous Section
8	Feb 2000	Document deleted in Miscellaneous Section
9	Aug 2001	Catalogue updated to reflect recent deletions
10	Aug 2004	Catalogue updated to reflect recent deletions
11	02/06/2012	Catalogue updated to reflect recent deletions

Disclaimer

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Supply

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Issue:	11
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Contents

1 Purpose	4
2 Scope	4
3 Numerical Index	5
4 Miscellaneous Index	23
5 Key	24

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1 Purpose

The standard provides a listing of former BR specifications for equipment and systems.

2 Scope

This standard represents historical information and best practice for equipment and systems that are still found on the infrastructure.

This is not a mandatory standard and users should check compliance to current Railway Group and Company standards before implementing.

Any deviation should be justified and documented by the relevant signal engineer. There is no need to follow the established non-compliance process.

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Reference No. Title

3 Numerical Index

AWS 10	STANDARD & EXTRA STRENGTH PERMANENT MAGNETS FOR AWS AND TEMPORARY SPEED RESTRICTIONS
BR 10	PAINTING SCHEDULE SIGNAL BOXES AND SIGNAL DEPARTMENT EQUIPMENT
AWS 11	AWS DEPOT TEST MAGNET
AWS 37	AWS NEW PATTERN ELECTRO INDUCTORS & SUPPRESSOR INDUCTORS, STANDARD & EXTRA STRENGTH
GK/RT0301	CABLES WITH PRE-FORMED TERMINATIONS FOR TRACK CIRCUITS

Health Warning

Issue

Date

Track mounted equipment. Specifies performance curves with regard to drawings, BR967, and installation details. No EMC requirements have been defined or tested. *Refers to detailed design drawings (ATC) to fully specify equipment. Required updating	2	MAR 87/ JUL 77/ JAN 80
Specification is obsolete and quotes finishes which are contrary to modern HASAW requirements. Quotes old BR, DM&EE and architects paint specs which are no longer supported. Considerable work already done in revising this spec. Approx 30% done before funding stopped. Note; many BRS-SM drawings quote this spec and would need revision if the spec was discontinued.	-	NOV 73
Track mounted equipment. Current magnet is known to have reliability problems. Replacement performance specification and associate drawings semi-complete. No EMC requirements have been defined or tested. *Refers to detailed design drawings (ATC) to fully specify equipment.	-	FEB 87
Track mounted equipment. *Refers to detailed design drawings (ATC) to fully specify equipment. Contains contradictory specifying details, also supersedes BRAWS33 but fails to define this equipment that is still in use in very limited areas. No EMC requirements have been defined or tested.	-	JUL 81/ OCT 81/ MAR 82/ MAR 83
-	1	MAY 94

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Reference No.	Title	Health Warning	Issue	Date
GK/RT0306	LEVEL CROSSING LOCAL CONTROL UNIT	-	I	DEC 95
GK/RT0311	OPTICAL FIBRE INTERNAL TAIL CABLE	-	I	MAY 94
GK/RT0313	PRE-LUBRICATED HIGH DENSITY POLYTHENE DIRECT BURY DUCT AND THE ASSOCIATED CABLE ACCESS CHAMBERS AND ACCESSORIES	-	I	MAY 94
BR 652	CLAMPLOCK LUBRICANTS	After considerable work this spec was written around testing suitable lubricants for use in aerosols. Spec needs revision following the changes in aerosol performance caused by manufacturers meeting the requirements of the Montreal protocol and later experience with PTFE greases. Known reliability problems with this lubricant.	IA	JUN 92
BR 800	TRAIN DESCRIBERS	BR 800 refers to BR967 and BS 9000 which is mostly obsolescent. The specification has insufficient defined EMC requirements. There is no mention of ARS, track/train radio interface or present day innovations. It refers to BR 1810 which is provisional and provides references to contractual obligations which are no longer relevant. This specification is acknowledged to be drastically outdated and in need of revising to accommodate modern technology.	-	OCT 85
BR 801	TIME DIVISION MULTIPLEX EQUIPMENT FOR RAILWAY SIGNALLING PURPOSES	BR 801 is still only provisional in status. Many of the reference specifications are out of date, including: BR872, BR 967, BS 738 (withdrawn), BS 4308 (withdrawn) and BS 9000 mostly obsolescent. The specification has insufficient EMC requirements and is acknowledged to be drastically outdated and in need of revising to accommodate modern technology.	-	JUL 81

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Reference No.	Title	Health Warning	Issue	Date
BR 811	POWER "OFF" DETECTORS FOR USE WITH BATTERY CHARGERS CURRENT RANGE 0.1 - 9.0 AMPS	BR 811 chargers have been superseded by battery chargers. BR 811 refers to transformers complying with BS 2214 which seems to have been superseded at some time. Reference is also given to BR 967 who's position is unclear since the drafting of GK/RT 0367 on behalf of Chris Edwards in 1995.	-	FEB 73
BR 817	ELECTRO-HYDRAULIC POWER EQUIPMENT FOR POINT OPERATION	The Aug 1990 spec listed was a preliminary version which was used for tendering purposes. In Nov 1990 a revised draft was prepared against which current packs were approved. Therefore current deliveries do not comply with mandated spec. The draft spec needs revision and updating to incorporate the "oil level safety valve" and oil level indicator. TIG work suggested tightening up POCV leakage rates. EMC to be considered. Refers to BR 967	-	AUG 90
BR 818	SELF SUPPORTING AERIAL ELECTRIC CABLES FOR RAILWAY SIGNALLING	A range of cables are currently procured against this specification, probably for maintenance/theft purposes. BR 818 makes special reference to specific clauses in BR 872.	-	NOV 74
BR 820	COLOURS OF LIGHT SIGNALS, COLOUR FILTERS & LENSES	BR 820 qualifies aspects of BS 1376 based on Railway experience. It also gives criteria for the lenses and filters which, when used with lamps of the correct colour temperature will give the required observed light. Therefore BR 820 is still required by manufacturers unless replaced by equipment performance specs. Proposed changes to the CIE colour boundaries may affect specs. The liabilities relate to non continuing use of BR 820.	-	AUG 74

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BR 823	C.C.T.V. CAMERA AND ENVIRONMENTAL HOUSING		-	AUG 76
BR 825	C.C.T.V. HIGH FREQUENCY (HF) TRANSMISSION EQUIPMENT		-	AUG 76
BR 829	PLUGBOARDS FOR MINIATURE RELAY UNITS FOR RAILWAY SIGNALLING PURPOSES		-	JAN 81
BR 831	CONNECTORS FOR BR. MINIATURE RELAYS		-	FEB 87
BR 838	POINTCARE TOOL BAG		2	APR 92
BR 843	STANDARD LIFTING BARRIER MKII FOR LEVEL CROSSINGS		-	APR 91
BR847	CANCELLED (TO COMMON DOMAIN)			
BR 852	IN-LINE HEAT SHRINK JOINT CLOSURE FOR OPTICAL FIBRE TELECOMMUNICATIONS CABLES		-	FEB 87
BR 863	IMPEDANCE BONDS FOR USE WITH 50HZ DOUBLE RAIL TRACK CIRCUITS AND AUDIO FREQUENCY TRACK CIRCUITS		-	JAN 92
BR 865	TRANSFORMER-RECTIFIER UNITS FOR GENERAL RAILWAY SIGNALLING PURPOSES		-	JUL 90
BR 867	AC IMMUNE DC TRACK FEED UNITS		-	JUL 90
BR872	CANCELLED (USE GS/ES 0872)			
GS/ES 0872	RAILWAY SIGNALLING CABLE		2/A	SEP 93
BR 879	ELASTOMERIC INSULATED CABLE FOR AUTOMATIC WARNING SYSTEM		-	NOV 71
BR 880	ALUMINIUM CORED INSULATED CABLES FOR RAILWAY SIGNALLING POWER SUPPLIES		-	SEP 72
BR 901	FLASHER UNIT FOR LEVEL CROSSING ROAD SIGNALS		-	JUN 70