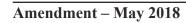
MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS VOLUME 2 NOTES FOR GUIDANCE ON THE SPECIFICATION FOR HIGHWAY WORKS

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NG Specification

ANNEX 1

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BS EN ISO 8502	Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanness (11/09)	5003 5003NI 5004
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BS EN ISO 8502-8,	Preparation of steel substrates before application of paints and related products. Test for the assessment of surface cleanness.	
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BS EN ISO 8503	Preparation of steel substrates before application of paints and related products. Surface roughness characteristics of blast-cleaned steel substrates. (12/14)	
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(Published by the British Standards Institution)

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CP 312 Code of practice for plastic pipework (thermoplastic materials)



3. (05/01) BRITISH STANDARD DRAFTS FOR DEVELOPMENT (DD) DOCUMENTS

(Published by the British Standards Institution)

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DD 213: 1996 Method for determination of the indirect tensile stiffness modulus of bituminous mixtures (11/09)

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EN 1905	Plastics piping and ducting systems. Unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and material. Method of assessing of the PVC content based on total chloride content	NG Sample Appx 5/7 (Table 1)
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prEN ISO 3126	Plastics piping systems. Plastic piping components. Measurement and Determination of Dimensions (Document number 00/124147(PR188NO381))	518
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Structured-wall thermoplastics pipes- Oven test

6. (05/14) PUBLICATIONS OF THE DEPARTMENT FOR TRANSPORT AND OTHER GOVERNMENT OFFICES

(Published by The Stationery Office or HMSO)

Traffic Signs Manual – Chapter 5

Traffic Signs Manual – Chapter 7

Traffic Signs Manual – Chapter 8 (11/09)

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Working Drawings for Traffic Sign Design and Manufacture (3 Volumes)

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7. (05/14) UK OVERSEEING ORGANISATIONS PUBLICATIONS INCLUDING THEIR PREDECESSOR'S PUBLICATIONS

(Published by The Stationery Office or HMSO)

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GD 01	Introduction to the Design Manual for Roads and Bridges (DMRB 0.1.2) (05/14)	000
	Bridges – Standards	
BA 86	Advice notes on the non-destructive testing of highway structures (DMRB 3.1.7) (12/14)	1727
BA 92	The use of recycled concrete aggregate in structural concrete (DMRB 2.3.9) (12/14)	1702
BD 2	Technical Approval of Highway Structures (DMRB 1.1.1) (12/14)	106 NG Sample Appx 1/10 NG Sample Appx 1/11 NG Sample Appx 6/10 1802 NG Sample Appx 25/2 NG Sample Appx 25/4
BD 7	Weathering Steel for Highway Structures (DMRB 2.3.8) (02/03)	2504
BD 12	Design of Corrugated Steel Buried Structures with Spans Greater than 0.9 metres and up to 8 metres (DMRB 2.2.6) (02/03)	623
BD 20	Bridge Bearings – Use of BS 5400: Part 9: 1983 (DMRB 2.3.1)	2101 NG Sample Appx 21/1
BD 24	Design of Concrete Highway Bridges. Use of BS 5400 : Part 4 : 1990 (DMRB 1.3.1)	1602 1603 1610
BD 26	Design of Lighting Columns (DMRB 2.2.1) (11/09)	1301 1301 NI 1303 #NG Sample Appx 13/1 NG Sample Appx 13/1NI NG Sample Appx 13/2
BD 33	Expansion Joints for Use in Highway Bridge Decks (DMRB 2.3.6)	NG Sample Appx 23/1
BD 35	Quality Assurance Scheme for Paints and Similar Protective Coatings (DMRB 2.4.1) (11/09)	1901 1914 5008 5012
BD 70	Strengthening/Reinforced Soils and other Fills for Retaining Walls and Bridge Abutments (Use of BS 8006 : 1995) (MCHW 2.1.5) (02/03)	622 2502

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BD 91	Unreinforced Masonry Bridges (DMRB 2.2.14) (05/05)	2417
	Highways – Advice Notes	
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	Works (DMRB 4.2.5) (02/03)	501
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HA 41	A Permeameter for Road Drainage Layers (DMRB 4.2)	640
HA 44	Design and Preparation of Contract Documents. (DMRB 4,1.1) (11/09)	605
HA 65	Design Guide for Environmental Barriers (DMRB 10.5.1)	2504
HA 66	Environmental Barriers: Technical Requirements (DMRB 10.5.2)	2504
HA 74	Treatment of Fill and Capping Materials Using Either Lime or Cement or Both (DMRB 4.1.6) (11/09)	840
HA 84	Nature Conservation and Biodiversity (DMRB 10.4.1) (11/09)	3007
HA 105	Sumpless Gullies (DMRB 4.2.3) (05/06)	508
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HD 31	Maintenance of Bituminous Roads (DMRB 7.4.1)	#706 926
HD 32	Maintenance of Concrete Roads (DMRB 7.4.2)	#706
HD 35	Conversation and the Use of Secondary and Recycled Materials	000
	(DMRB 7.1.2) (05/06)	800

HD 36	Surface Materials for New and Maintenance Construction (DMRB 7.5.1) (11/09)	NG Sample Appx 7/7 NG Sample Appx 7/21 901 918 919 922 924 Table NG 9/24 942
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TA 60	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2)	#1206 1206NI
TA92	Crossover and Changeover Design (DNRB 8.4.6) (05/14)	117 117NI
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TD 33	The Use of Variable Message Signs on All-Purpose and Motorway Trunk Roads (DMRB 8.2.2) (05/06)	1206 1206NI
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	Design Manual for Roads and Bridges (DMRB). Volume 10 (11/09)	1301 1301NI 3004 3006 3012
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	Traffic Control and Communications – Specifications	
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8. (05/14) TRANSPORT RESEARCH LABORATORY REPORTS

(Published by TRL (formerly TRRL))

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LR 346	Selection of materials for sub-surface drains – R Spalding	505 515
LR 1094	Pre split blasting for highway rock excavation – G D Matheson, 1983	603
LR 1102	Compaction of bituminous road materials using vibratory rollers – W D Powell and D Leech, 1983 (11/09)	903
PR 113	Advice on integrity testing of piles – A J C Gent and P Darley	1608
RR 45	Winter air temperature in relation to frost damage in roads – P T Sherwood and P G Roe (11/09)	813
RR 53	Ground vibration caused by civil engineering works – B M New	607
RR 130	Pilot-scale studies of the trafficability of soil by earthmoving vehicles, A W Parsons and A F Toombs	632SE
PR 72	Swelling pressulre of compacted clayey backfill	610
TRL 54	Contractor Report 54, Soil Corrosivity Assessment (02/16)	622
TRL 152	Earth pressures against an experimental retaining wall backfilled with Lias Clay, A H Brookes, D R Carder, P Darley	610
TRL 273	Use and application of the MCA with particular reference to glacial tills – G D Matheson and M G Winter	632SE
TRL 447	Sulfate specification for structural backfills, J M Reid, M A Czerewko and J C Cripps, 2001 (11/09)	Table NG 1/1 601 840
TRL 494	The Behaviour of Asphalt in Adverse Hot Weather Conditions (11/09)	903
TRL 611	A Guide to the use and specification of cold recycled materials for the maintenance of road pavement – D Nerrill M E Nunn and	
	I Carswell (11/09)	814 816 820
TRL 636	The application of Enrobe a Module Eleve in flexible pavements (11/09)	930
TRL 674	Durability of thin surfacing system, Part 4, Final report after nine years monitoring. (05/18)	942
Road Note 39	Design Guide for Road Surface Dressing. J C Nicholls (11/09)	NG Sample Appx 7/3 NG Sample Appx 7/21 919 922

9. (05/14) UK and EU LEGISLATION

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