



Notification Number: 2013/528/UK

Manual of Contract Documents for Highway Works, Volume 1, Specification for Highway Works, Series 1900 - Protection of Steelwork Against Corrosion Manual of Contract Documents for Highway Works, Volume 2, Notes for Guidance for the Specification for Highway Works, Series NG 1900 - Protection of Steelwork Against Corrosion Manual of Contract Documents for Highway Works, Volume 2, Notes for Guidance for the Specification for Highway Works, Series NG 100 Table NG 1/1 (part relevant to Specification for Highway Works Series 1900)

Date received : 17/09/2013

End of Standstill : Closed

Message

Message 001

Communication from the Commission - TRIS/(2013) 02385

Directive 98/34/EC

Notificación - Oznámení - Notifikation - Notifizierung - Teavitamine - Γνωστοποίηση - Notification - Notification - Notifica - Pieteikums - Pranešimas - Bejelentés - Notifika - Kennisgeving - Zawiadomienie - Notificação - Hlásenie-Obvestilo - Ilmoitus - Anmälan - Нотификация : 2013/0528/UK - Notificare.

No abre el plazo - Nezahtuje odklady - Fristerne indledes ikke - Kein Fristbeginn - Viivituste perioodi ei avata - Καμμία έναρξη προθεσμίας - Does not open the delays - N'ouvre pas de délais - Non fa decorrere la mora - Neietekmē atlikšanu - Atidėjimai nepradedami - Nem nyitja meg a késések - Ma' jiftaħ il-perijodi ta' dawmien - Geen termijnbegin - Nie otwiera opóźnień - Nao inicia o prazo - Neotvorí oneskorenia - Ne uvaja zamud - Määräaika ei ala tästä - Inleder ingen frist - Не се предвижда период на прекъсване - Nu deschide perioadele de stagnare - Nu deschide perioadele de stagnare.

(MSG: 201302385.EN)

1. Structured Information Line

MSG 001 IND 2013 0528 UK EN 17-09-2013 UK NOTIF

2. Member State

UK



3. Department Responsible

Department for Business, Innovation and Skills
Knowledge & Innovation Group
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3. Originating Department

Highways Agency
Woodlands
Manton Lane
Bedford
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4. Notification Number

2013/0528/UK - B00

5. Title

Manual of Contract Documents for Highway Works, Volume 1, Specification for Highway Works, Series 1900 - Protection of Steelwork Against Corrosion
Manual of Contract Documents for Highway Works, Volume 2, Notes for Guidance for the Specification for Highway Works, Series NG 1900 - Protection of Steelwork Against Corrosion
Manual of Contract Documents for Highway Works, Volume 2, Notes for Guidance for the Specification for Highway Works, Series NG 100 Table NG 1/1 (part relevant to Specification for Highway Works Series 1900)

6. Products Concerned

Corrosion protection of structural steelwork used in the construction of steel highway structures on the UK Strategic Trunk Road Network.

7. Notification Under Another Act

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8. Main Content

The Specification for Highway Works (SHW) provides the general works information used for highway construction works on the UK Strategic Trunk Road Network.

The SHW Series 1900 and the accompanying Notes for Guidance Series NG1900 address information relating to the corrosion protection of structural steelwork in the SHW and associated Notes for Guidance to the SHW (NGSHW). The extract of Table NG 1/1 provides a summary of testing requirements given in SHW Series 1900 and will be included in a revision to Basic Text 2013/359/UK.

The SHW Series 1900 gives the general requirements for the surface preparation and corrosion protection of structural steelwork in highway structures.

The NGSHW Series NG1900 gives guidance for those compiling the contract specific parts of the specification associated with the requirements in SHW Series 1900 that require contract specific information to be provided,



and provides guidance to those undertaking works in accordance with SHW Series 1900. The NGSHW Series 1900 includes a template for the numbered appendices for the contract specific specification compiler to use to give contract specific information. This ensures works information is presented in highway works procurement contracts involving the surface preparation and corrosion protection of structural steelwork in a consistent manner.

The UK will fulfil its obligation under Article 12 of Directive 98/34/EC when these regulations are officially published.

9. Brief Statement of Grounds

The use of the Specification for Highway Works (SHW) is mandatory for the construction of all works on the UK Strategic Road Network. For application in the Devolved Administrations of the UK amendments are incorporated to take account of local conditions.

Protection of structural steelwork against corrosion is necessary to ensure an economic safe working life is obtained from steel highway assets.

These documents introduce the requirements for the corrosion protection of structural steelwork for highway structures and are compatible with BS EN 1090-2:2008+A1:2011 – Execution of steel structures and aluminium structures Part 2: Technical requirements for steel structures, which is adopted for the execution of structural steelwork in highway structures through SHW Series 1800 - Structural Steelwork.

10. Reference Documents - Basic Texts

References of the Basic Texts: References of the Basic Texts:

SHW Series 1800, Structural Steelwork (Notified in parallel)

BD 35 – Quality Assurance Scheme for Paints and Similar Protective Coatings (Notification 2013/495/UK)

BS EN ISO 11124 (all parts) – Preparation of steel substrates before application of paints and related products. Specifications for metallic blast-cleaning abrasives.

BS EN ISO 11126 (all parts) – Preparation of steel substrates before application of paints and related products. Specifications for non-metallic blast-cleaning abrasives.

BS EN ISO 8503 -1 – Preparation of steel substrates before application of paints and related products. Surface roughness characteristics of blast-cleaned steel substrates. Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces

BS EN ISO 8503 -2 – Preparation of steel substrates before application of paints and related products. Surface roughness characteristics of blast-cleaned steel substrates. Method for the grading of surface profile of abrasive blast-cleaned steel. Comparator procedure

BS EN ISO 8501-1 – Preparation of steel substrates before application of paints and related products. Visual assessment of surface cleanliness. Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings

BS EN ISO 1461 – Hot dip galvanized coatings on fabricated iron and steel articles. Specifications and test methods

BS EN ISO 2063 – Thermal spraying. Metallic and other inorganic coatings. Zinc, aluminium and their alloys

BS EN ISO 14919 – Thermal spraying, Wires, rods and cords for flame and arc spraying. Classification.

Technical supply conditions

BS 4800 – Schedule of paint colours for building purposes

BS 381C – Specification of colours for identification, coding and special purposes

BS EN ISO 12944-4 – Paints and varnishes. Corrosion protection of steel structures by protective paint systems.

Types of surface and surface preparation

BS EN ISO 10684 – Fasteners. Hot dip galvanized coatings



BS EN 1090-2:2008+A1:2011 – Execution of steel structures and aluminium structures Part 2: Technical requirements for steel structures

BS EN ISO 2813 - Paints and varnishes. Measurement of specular gloss of non-metallic paint films at 20°, 60° and 85°

BS EN ISO 4618 - Paints and varnishes. Terms and definitions

BS EN ISO 8502-4 – Preparation of steel substrates before application of paints and related products. Tests for the assessment of surface cleanliness. Guidance on the estimation of the probability of condensation prior to paint application

BS 7079-B8, ISO 8502-8 – Preparation of steel substrates before application of paints and related products. Tests for the assessment of surface cleanliness. Field method for the refractometric determination of moisture

BS EN ISO 2808, BS 3900-C5 – Methods of test for paints. Tests associated with paint film formation.

Determination of film thickness

ASTM D4541 – Standard test method for pull-off strength of coatings using portable adhesion testers.

ASTM G62-07 – Standard test methods for holiday detection in pipeline coatings

Basic Texts have been forwarded within the framework of a previous notification: 2013/357/UK: 2013/359/UK

11. Invocation of the Emergency Procedure

No

12. Grounds for the Emergency

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13. Confidentiality

No

14. Fiscal measures

No

15. Impact assessment

Impact Assessment not available

16. TBT and SPS aspects

TBT aspect

No - The draft has no significant impact on international trade

SPS aspect

No - The draft is not a sanitary or phytosanitary measure

European Commission



EUROPEAN COMMISSION
GROWTH DIRECTORATE-GENERAL

Single Market for goods
Prevention of Technical Barriers

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