

Manual of Contract Documents for Highway Works

General Principles & Scheme Governance
Contract preparation

GP 101 Instructions for specifiers for GC 101 General requirements for the Specification for Highway Works

(formerly)

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The 'SUMMARY' field is missing from the Document Information. Please populate this field before publication.

This document incorporates specific requirements for the Department for Infrastructure Northern Ireland. Alternative versions of this document are available for other Overseeing Organisations.

Feedback and Enquiries

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Latest release notes

Docume nt Code	Version number	Date of publication of relevant change	Changes made to	Type of change
GP 101	NI/LIVE_2024- 07-26	Not available	Core document	Change to policy, major revision, new document development
Not available				

Previous versions

Docume nt Code	Version number	Date of publication of relevant change	Changes made to	Type of change
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Foreword

This document provides specifier instructions for the production of the works specific requirements for GC 101 General requirements for the Specification for Highway Works.

This document does not form part of the works specification.

The works specification is made up of both the Specification for Highway Works and the works specific requirements completed by the Specifier.

This document is applicable for contracts throughout the UK, complemented by the additional specification requirements and contractual changes of each Overseeing Organisation.

Users are responsible for applying all appropriate documents applicable to their contract.

Users are responsible for archiving contract documentation in accordance with the user's quality management system.

1. Communications for the specification

1.1 The requirements stated in this Section for communications shall apply to all information and documents required to be submitted by the specification.

1.2 Unless otherwise determined by the language of the contract, all communications shall be in English.

1.3 Communications for the specification shall be undertaken using the Communications system, as detailed in this Section.

1.4 The Communications system shall be as stated in GC 101/WSR/001.

SI.1.4a Links/addresses (URL details, email addresses, postal addresses etc.) for the operation of the communications system are as follows:
[enter free text].

SI.1.4b The required document formats for the communications system are as follows: [enter free text].

SI.1.4c The software to be used for file management for the communications system is as follows: [enter free text].

SI.1.4d Processes and procedures to be used for document management and submissions for the communications system shall be as follows:
[enter free text].

2. Documentation

2.1 The requirements stated in this section for documentation shall apply to all information and documents to be submitted by the specification in all formats used.

2.2 All documentation shall comply with the requirements for "Communications for the specification" in Section 1 of this document.

2.3 Where the specification states that documentation 'shall be submitted' this shall be submitted to the Overseeing Organisation.

2.4 Unless otherwise specified, documentation to be submitted prior to a specific work activity being commenced shall be submitted at least four working weeks prior to the commencement of the specific work activity.

2.5 Unless otherwise specified, documentation to be submitted prior to the whole of the works commences shall be submitted at least four working weeks prior to the commencement of the whole of the works.

2.6 The Contractor's programme shall incorporate timescales for documentation submission that meet the requirements of the specification.

2.7 The works specific provision of documentation requirements shall be as stated in GC 101/WSR/002.

SI.2.7 Works specific requirements for documentation, including third party requirements are as follows: [enter free text].

3. Records

3.1 All records shall comply with the requirements for "Documentation and document submission" in Section 2 of this document.

Product and material records

3.2 The following record information shall be submitted for all products and materials incorporated into the works.

1. Supplier's details, including name / company name and address.
2. Date of supply to site.
3. Manufacturer's installation information and safety information.
4. Details of where the goods and materials are incorporated into the works, such that the location of each batch or consignment can be identified.

Post construction activity records

3.3 Unless otherwise stated, where records are required to be submitted after completion of a specific work activity, these shall be submitted within two working weeks of completion of that specific work activity.

Continuous records

3.4 Where records are required to be submitted during the execution of a specific work activity at defined intervals, these shall be continuous records.

3.5 Unless otherwise specified, continuous records shall be submitted within twenty four hours of the execution of the specific work activity.

Health and Safety File records

3.6 The requirements for the administration of records to be included in the health and safety file as required by the relevant national CDM Regulations shall be as stated in GC 101/WSR/003.

SI.3.6a Details of the party undertaking the compilation of the health and safety file where this is not the Contractor are as follows: [enter free text].

SI.3.6b The communication arrangements for passing records to the party undertaking the compilation of the health and safety file where this is not the Contractor are as follows: [enter free text].

SI.3.6c The timescales for passing records to the party undertaking the compilation of the health and safety file where this is not the Contractor are as follows: [enter free text].

SI.3.6d Other requirements for the preparation and submission of health and safety records are as follows: [enter free text].

As-built records

3.7 As-built records as defined in BS ISO 6707-2 [Ref 1.N] shall be prepared and submitted for all works, unless otherwise stated in GC 101/WSR/003.

SI.3.7 As-built records shall be required unless stated otherwise here: [enter free text].

3.8 As-built records shall include as-built details for all details shown on contract drawings and construction schedules to enable handover into maintenance.

3.9 As-built record drawings shall be in the following format: digital, open source, compatible with Graphical Information Systems (GIS), compliant with GG 184 [Ref 9.N].

3.10 As-built record schedules shall be in the following format: digital, open source.

3.11 The works specific as-built record requirements shall be as stated in GC 101/WSR/003.

SI.3.11a Works specific requirements for as-built records shall be: [enter free text].

SI.3.11b The works specific format of as-built drawings where this is different from that for drawings shall be [enter free text].

SI.3.11c The works specific format of as-built schedules shall be [enter free text].

Asset management data and handover into maintenance records

3.12 In addition to the records detailed in this Section and detailed elsewhere in the specification, asset management data and handover into maintenance records shall be prepared and submitted as specified in GC 101/WSR/003.

In addition to the records detailed in this Section and detailed elsewhere in the specification, asset management data and handover into maintenance records					
Data / record set reference	Data / record set name	Assets / work items to be recorded	Data / information to be recorded	Data / record format	Administration / communications details
(a)	(b)	(c)	(d)	(e)	(f)

- a) Enter a unique reference, to identify the individual data or record set.
- b) Enter text, to state the data or record set name.
- c) Enter text, to detail the assets or work items the data is to be recorded for.
- d) Enter text, to detail the data or information that is to be recorded.
- e) Enter text, to detail the required data or record format.
- f) Enter text, to detail the arrangements for transfer of the data or information.

4. United Kingdom Accreditation Service (UKAS)

4.1 Where there is a requirement in the specification that uses UKAS, this shall mean the United Kingdom Accreditation Service which is the national accreditation body for the United Kingdom.

4.2 Where there is a requirement in the specification that uses UKAS, this shall mean UKAS or equivalent.

4.3 UKAS or equivalent shall mean UKAS or any equivalent accreditation body which is party to a multi-lateral agreement (MLA) with UKAS or any equivalent International Accreditation Forum MLA signatory with a scope that includes the relevant standard(s) or scheme(s).

5. Quality Management

5.1 The Contractor shall have a quality management system in place and operating.

5.2 The quality management system shall comply with BS EN ISO 9001 [Ref 7.N].

5.3 The quality management system shall be assessed and registered by a certification body.

5.4 The certification body shall have the necessary in-house expertise and competency to carry out the assessments.

5.5 The certification body shall be accredited by UKAS.

5.6 The accreditation shall comply with the requirements of "United Kingdom Accreditation Service (UKAS)" in Section 4 of this document.

5.7 The following Documentation shall be submitted for the quality management system prior to the commencement of the works: certification evidencing the quality management system registration.

5.8 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to the registration certification.

5.9 All activities being undertaken for the works shall be within the quality management system registration scope.

6. Quality Plans

Quality plan for the whole of the works

6.1 A quality plan for the whole of the works shall be prepared.

6.2 The guidelines stated in BS ISO 10005 [Ref 8.N] shall be used for the development, contents, operation, review and control of the quality plan.

6.3 The requirements for the quality plan shall be as stated in GC 101/WSR/006.

SI.6.3 The contents and other requirements for the quality plan shall be as follows: [enter free text].

6.4 The following Documentation shall be submitted for quality management prior to the commencement of the whole of the works: the quality plan.

6.5 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to the quality plan.

6.6 The requirements for review and update to the quality plan shall be as stated in GC 101/WSR/006.

SI.6.6 The requirements and schedule for review and update of the quality plan shall be as follows: [enter free text].

6.7 The quality plan shall make reference to, or schedule, all method statements and risk assessment that are specified for specific work activities.

Quality plans for specialist activities

6.8 The quality plan for the whole of the works shall incorporate the stated sub-plans for specialist activities.

6.9 The sub-plans for specialist activities to be included in the quality plan shall be as stated in GC 101/WSR/006.

SI.6.9 The specialist quality plans required, including those required for quality management schemes, shall be: [enter free text].

7. Quality management schemes

7.1 Work specified as subject to a quality management scheme shall be undertaken by organisations registered to and operating in compliance with a quality management scheme.

7.2 Where work specified as subject to a quality management scheme is sub-contracted, including for labour only sub-contracts, the sub-contract organisations undertaking the work shall comply with the requirements of this section and the quality management scheme.

7.3 For all persons involved with work specified as subject to a quality management scheme, the requirements for Competence in Section 8 of this document shall be judged against competency criteria included as part of the quality management scheme requirements.

Scheme registration

7.4 Registration of the organisation to the quality management scheme shall be verified by the certificate(s) of registration.

7.5 The following Documentation shall be submitted for each quality management scheme prior to the commencement of the works relevant to the scheme: certification confirming registration to the quality management scheme.

7.6 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to the certification confirming registration to the quality management scheme.

7.7 The certification confirming registration to the quality management scheme shall be maintained for the duration of the specified works.

7.8 The certification confirming registration to the quality management scheme shall confirm that the specified work is included in the scope of registration.

7.9 The certification confirming registration to the quality management scheme shall be issued by a certification body.

7.10 The certification body shall be accredited in accordance with BS EN ISO/IEC 17021-1 [Ref 4.N] or BS EN ISO/IEC 17065 [Ref 3.N] by UKAS.

7.11 The certification body accreditation shall include a scope that includes the relevant quality management scheme(s).

7.12 The accreditation shall comply with the requirements of "United Kingdom Accreditation Service (UKAS)" in Section 4 of this document.

Quality management scheme features

7.13 The quality management scheme shall have requirements that provide a framework to ensure that the specified work activities are undertaken in accordance with the specification.

7.14 The quality management scheme shall cover the quality management features of BS EN ISO 9001 [Ref 7.N].

7.15 The quality management features of the quality management scheme shall include competence requirements that meet the requirements of "Competence" in Section 8 of this document.

7.16 The quality management scheme shall be managed by a technical advisory committee.

7.17 The technical advisory committee shall advise UKAS and the certification bodies on the technical aspects of the specified work activities within the scope of the scheme.

7.18 The technical advisory committee shall be made up of representatives from across the relevant sector including clients, client bodies, trade associations, training organisations, certification bodies, professional bodies and the national accreditation body.

7.19 The technical advisory committee shall have documented governance processes and structure for the committee.

7.20 The quality management scheme shall have documented requirements.

7.21 Documentation relating to the quality management scheme and the technical advisory committee shall be submitted when requested.

7.22 The technical advisory committee shall not operate the scheme for the committee's commercial benefit.

7.23 The technical advisory committee shall review the quality management scheme annually or more frequently.

7.24 Administration of the quality management scheme shall include a documented, publicly available list of organisations that hold current registration to the scheme.

8. Competence

8.1 All persons involved with providing the works, including design activities, shall have the necessary competence appropriate to their role to provide the relevant aspect of the work in accordance with industry best practice, the specification, and applicable legislation and regulations.

8.2 Competence shall be assessed on the basis of each person's knowledge, training and experience appropriate to their role.

8.3 Evidence of each person's competence shall be documented.

8.4 The documented evidence of competence shall be submitted when requested.

8.5 The submitted evidence shall demonstrate that the individuals and organisations have the necessary competence for the work being undertaken.

9. Standards equivalence (mutual recognition)

9.1 Where there is a requirement in this specification for compliance with any part of a 'British Standard' or other UK technical specification, that requirement shall be met by compliance with the stated standard or by any equivalent standard used as a standard or code of practice by any World Trade Organisation (WTO) member for a like product.

9.2 The equivalent standard shall impose an equivalent level of performance and safety provided for by the stated British Standard or technical specification.

10. Designated (Harmonised) standards

Construction Products

NI/10.1 Where the specification requires construction products to be compliant with a standard which is a harmonised standard, the product must carry the required conformity assessment mark and have a declaration of performance.

10.2 The following Documentation shall be submitted for all products that fall under the scope of paragraph 10.1 prior to the commencement of works to incorporate the products: the declaration of performance; manufacturer's installation instructions and safety information.

10.3 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to the declaration of performance, manufacturer's installation instructions and safety information.

10.4 The declaration of performance shall demonstrate that the proposed product meets the specification requirements.

10.5 Unless otherwise specified, the assessment of the product shall be carried out to the level of attestation or Assessment and Verification of Constancy of Performance (AVCP) as determined by the relevant standard for the intended use of the product in the works.

10.6 All installation instructions and safety information regarding the products shall be submitted.

Electrical and other products

NI/10.7 Where the specification requires electrical or other products to be compliant with a harmonised standard, the product must carry the required conformity assessment mark and have a declaration of conformity as required by the relevant standard.

10.8 The following Documentation shall be submitted for all products that fall under the scope of paragraph 10.7 prior to the commencement of works to incorporate the products: the declaration of conformity; manufacturer's installation instructions and safety information.

10.9 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to the declaration of conformity, the manufacturer's installation instructions and safety information.

10.10 The declaration of conformity shall demonstrate that the product meets the specification requirements.

10.11 Unless otherwise specified, the assessment of the product shall be carried out to the level of attestation or AVCP as determined by the relevant standard for the intended use of the product in the works.

11. Product certification schemes

11.1 Where the specification requires a product to be in compliance with a standard, which is not a designated standard, and have conformity assessment to demonstrate compliance with the standard the requirements of this section shall apply to the product.

11.2 The product shall be certified as compliant with the standard by a certification body.

11.3 The certification body shall be accredited in accordance with BS EN ISO/IEC 17065 [Ref 3.N] by UKAS with a scope that includes the relevant standard(s).

11.4 The accreditation shall comply with the requirements of "United Kingdom Accreditation Service (UKAS)" in Section 4 of this document.

11.5 Unless otherwise specified, the assessment of the product shall be carried out to the level of attestation or Assessment and Verification of Constancy of Performance (AVCP) as determined by the relevant standard for the intended use of the product in the works.

11.6 The assessment of the product shall include confirmation that the product provides, in use, adequate levels of safety, performance and fitness for purpose.

11.7 The following Documentation shall be submitted for all products coming under the scope of paragraph 11.1 prior to the commencement of work to incorporate the products: the product certification; documentation evidencing the attestation details; documentation evidencing the certification body details; manufacturer's installation instructions and safety information.

11.8 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to product certification scheme documentation.

11.9 The product certification scheme documentation shall demonstrate that the product meets the specification.

12. Product acceptance schemes

12.1 Where the specification requires a product or construction system to be in compliance with a product acceptance scheme the product or construction system and the product acceptance scheme shall comply with this section.

Product or construction system requirements

12.2 The product or construction system shall be certified as compliant with the product acceptance scheme.

12.3 The conformity assessment of the product or construction system shall be undertaken by a certification body.

12.4 The product acceptance scheme certification shall be issued by the certification body.

12.5 The certification body for product certification shall be accredited to BS EN ISO/IEC 17065 [Ref 3.N] by UKAS.

12.6 The certification body for site inspection shall be accredited to BS EN ISO/IEC 17020 [Ref 2.N] by UKAS.

12.7 The accreditation shall comply with the requirements of "United Kingdom Accreditation Service (UKAS)" in Section 4 of this document.

12.8 The product acceptance scheme certification shall be current.

12.9 The following Documentation shall be submitted for all products coming under the scope of a product acceptance scheme prior to the commencement of works to incorporate the product: the product acceptance scheme certification; documentation evidencing the certification body details; manufacturer's installation instructions; and safety information.

12.10 The product acceptance scheme certification shall demonstrate that the product or construction system meets the specification requirements.

Product acceptance scheme features

12.11 The product acceptance scheme shall assess the product or construction system against pre-set criteria to demonstrate that the product or construction system shall meet the performance and level of safety required for its intended use when installed.

12.12 The product acceptance scheme shall have documented requirements including the conformity assessment criteria and certification guidelines.

12.13 Documentation relating to the product acceptance scheme, including the assessment criteria, certification guidelines and evidence to demonstrate the product acceptance scheme features meet the requirements of the specification, shall be submitted when requested.

12.14 The product acceptance scheme documentation, including the assessment criteria and certification guidelines, shall be publicly accessible.

12.15 Administration of the product acceptance scheme shall include a documented list of products and their manufacturers that hold current certification to the scheme.

12.16 The product acceptance scheme shall cover:

1. manufacture and installation, or post manufacture processing of those products or construction systems for which conformity assessment has not been made against a British Standard; or
2. only the installation of a product or construction system which is subject to conformity assessment against a British Standard; or
3. product characteristics not included in the required essential characteristics of a designated standard if such characteristics provide additional protection for the consumer.

12.17 The assessment and certification requirements shall demonstrate that the product or construction system is fit for intended use and for its end users i.e. the highway authority and the road users.

12.18 The product acceptance scheme shall be managed by a technical supervisory panel with over-sight of the operation of the scheme.

12.19 The technical supervisory panel shall be made up of representatives of relevant industry experts, highways clients and product users.

12.20 The technical supervisory panel shall have documented governance processes and structure of the panel.

12.21 The technical supervisory panel shall review the product acceptance scheme bi-annually or more frequently.

12.22 The product acceptance scheme shall include audit and quality control of the production and installation processes.

12.23 The product acceptance scheme shall include requirements for on-site surveillance and post manufacture processes.

12.24 The certification body accreditation shall include accreditation to manage and execute a certification scheme as required for the specific product acceptance scheme.

12.25 The certification body shall have a detailed technical knowledge of the following:

1. construction practice and processes; and
2. the relevant manufacturing processes; and
3. the product areas being assessed; and
4. the relationship between the installation or post manufacture processes and the product characteristics.

13. EU / UK Technical Assessments

13.1 The requirements for products to be subject to a product certification scheme or a product acceptance scheme as detailed in Sections 11 and 12 of this document shall alternatively be met by a product being attested using either:

1. a UK Technical Assessment (UKTA) issued by a UK Technical Assessment Body listed in the UKMCAB Database; and/or
2. a European Technical Assessment (ETA) issued in accordance with the procedure set out in EU Regulation 2011/305/EU [Ref 5.N].

13.2 The level of attestation used for the UKTA or ETA shall impose an equivalent level of safety, performance and fitness for purpose provided for by the specification.

13.3 Where a product is covered by a technical assessment other than a UKTA that product shall demonstrate that it meets the performance requirements equivalent to the UKTA for that product.

13.4 Where a product is attested using a UKTA or ETA the product shall carry the required conformity assessment mark and have a declaration of performance.

13.5 The following Documentation shall be submitted for all products attested using a UKTA or ETA prior to the commencement of works to incorporate the products: the declaration of performance; manufacturer's installation instructions and safety information.

13.6 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to the declaration of performance, manufacturer's installation instructions and safety information.

13.7 The declaration of performance shall demonstrate that the proposed product meets the specification requirements.

14. Verification

14.1 Where the specification requires verification activities including testing, checking, inspection, examination, measuring, monitoring, trials and demonstrations these shall be undertaken by the Contractor unless otherwise stated.

14.2 All verification activities, procedures, results and outcomes shall be documented.

14.3 All verification activities, procedures, results and outcomes documentation shall be submitted.

14.4 Unless otherwise specified, all verification activities, procedures, results and outcomes documentation shall be submitted within two weeks of the completion of the verification activity.

14.5 Verification documentation shall include certification as necessary for the item being verified.

14.6 The Contractor's programme shall incorporate timescales for verification activities that meet the requirements of the specification.

14.7 Where verification activities identify failure of products that carry a conformity assessment mark or are certified as compliant with a standard the failure shall be reported to the relevant Trading Standards office and the Overseeing Organisation.

14.8 Where verification activities, other than laboratory testing, are undertaken off site details of the verification activities shall be submitted two weeks prior to them being undertaken.

14.9 Where verification activities, other than laboratory testing, are undertaken off site arrangements shall be made to allow attendance by a representative of the Overseeing Organisation.

15. Verification by the Overseeing Organisation

15.1 Where required by the specification, product and material samples shall be provided for verification by the Overseeing Organisation.

15.2 Where required by the specification taking samples for supply to the Overseeing Organisation shall be undertaken by qualified staff of an organisation holding relevant UKAS accreditation.

15.3 The accreditation shall comply with the requirements of "Accredited laboratory" in Section 16 of this document.

16. Accredited laboratory

16.1 Where the specification requires verification testing and/or associated sampling to be undertaken by an accredited laboratory the requirements of this section shall apply to the laboratories undertaking the testing and sampling.

16.2 The laboratory shall be accredited for the specified tests in accordance with BS EN ISO/IEC 17025 [Ref 6.N] by UKAS.

16.3 Verification results and outcomes shall be reported on a UKAS or equivalent laboratory report or certificate(s).

16.4 The accreditation shall comply with the requirements of "United Kingdom Accreditation Service (UKAS)" in Section 4 of this document.

17. Contractor design

17.1 Items identified in the specification for Contractor design shall be designed by the Contractor.

17.2 Design shall be undertaken in accordance with the design standards and criteria stated in the specification.

17.3 Unless otherwise stated, design shall be carried out in accordance with the Design Manual for Roads and Bridges (DMRB).

17.4 Unless otherwise stated, for the items identified in the specification for Contractor design all instructions and obligations stated in the Design Manual for Roads and Bridges (DMRB) documents as being those of the designer shall be instructions and obligations of the Contractor.

17.5 Individuals and organisations undertaking the design work shall comply with the requirements of "Competence" in Section 8 of this document.

17.6 The following Documentation shall be submitted for all Contractor designed items prior to the commencement of work for the item(s): design drawings and design records.

17.7 The requirements for "Documentation and document submission" in Section 2 of this document shall apply to design drawings and design records.

17.8 Where the Contractor is required to carry out design work for items coming under the scope of CG 300 [Ref 10.N] requiring technical approval the requirements of Technical approval in Section 18 of this document shall be complied with.

Contractor design of composite (multi-discipline) items

17.9 Composite (multi-discipline) Contractor design items shall be as detailed in GC 101/WSR/017.

Composite (multi-discipline) Contractor design items				
Composite Contractor design item	Scope and details	Drawing reference(s)	Location of design requirements for items and elements	Additional requirements
(a)	(b)	(c)	(d)	(e)

- a) Enter a unique reference.
- b) Enter text, to provide the scope and detail the composite items to be designed by the Contractor, e.g. whole structure or area of the works, design to include or not include foundations.
- c) Enter text, to cross reference relevant drawing(s).
- d) Enter text, to cross reference where design requirements are stated or referenced, i.e. relevant SHW and/or DMRB documents for each element of the composite design item.
- e) Enter text, to state requirements that are not detailed elsewhere.

18. Technical approval of highway structures

18.1 Unless otherwise stated, the requirements of CG 300 [Ref 10.N] shall be complied with for Contractor designed items.

18.2 The documentation required by CG 300 [Ref 10.N] , including the Approval in Principle (AIP) and that required for departures from standard, shall be prepared and submitted for Contractor designed items.

18.3 Departures from standard shall be approved prior to the submission of other technical approvals documentation.

18.4 Any necessary alterations to the documentation required by CG 300 [Ref 10.N] shall be made for Contractor designed items.

18.5 Unless otherwise specified, where the documentation is to be submitted for the purposes of technical approval this shall be submitted at least ten working weeks prior to the programmed commencement of work on the aspect requiring technical approval.

18.6 The works detailed in the technical approval documentation shall not commence until acceptance by the Technical approval authority has been communicated in accordance with CG 300 [Ref 10.N].

19. Temporary works

19.1 The requirements stated in CG 300 [Ref 10.N] shall apply to temporary works.

19.2 A summary categorised list, as required by CG 300 [Ref 10.N], stating the assessed type for each temporary works structure shall be submitted.

19.3 Any necessary alterations to the documentation required by CG 300 [Ref 10.N] shall be made for temporary works items.

19.4 Where the categorisation requires technical approval the requirements of Technical approval of highway structures in Section 18 of this document shall apply to the work item or items.

19.5 The constraints on temporary works that are not stated elsewhere shall be as stated in GC 101/WSR/019.

SI.19.5 Constraints on temporary works, that are not stated elsewhere, shall be as follows: [enter free text].

20. Normative references

The following documents, in whole or in part, are normative references for this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Ref.	Document
Ref 1.N	BSI. BS ISO 6707-2, 'Buildings and civil engineering works. Vocabulary. Contract and communications terms'
Ref 2.N	BSI. BS EN ISO/IEC 17020, 'Conformity Assessment Requirements for the operation of various types of bodies performing inspection [Designated standard - NLF]'
Ref 3.N	BSI. BS EN ISO/IEC 17065, 'Conformity assessment. Requirements for bodies certifying products, processes and services [Designated Standard - NLF]'
Ref 4.N	BSI. BS EN ISO/IEC 17021-1, 'Conformity assessment. Requirements for bodies providing audit and certification of management systems. Requirements [Designated Standard - NLF]'
Ref 5.N	Europa.eu. 2011/305/EU, 'Construction Products Regulation'
Ref 6.N	ISO. BS EN ISO/IEC 17025, 'General requirements for the competence of testing and calibration laboratories [Designated Standard - NLF]'
Ref 7.N	BSI. BS EN ISO 9001, 'Quality management systems. Requirements [Designated Standard - NLF]'
Ref 8.N	BSI. BS ISO 10005, 'Quality management. Guidelines for quality plans'
Ref 9.N	National Highways. GG 184, 'Specification for the use of Computer Aided Design'
Ref 10.N	National Highways. CG 300, 'Technical approval of highway structures'

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