



National Highways Sector Schemes for Quality Management in Highway Works

6
For the Manufacture and Verification of Lighting
Columns
(Formerly known as 5020)

**Published by the Sector Scheme Advisory Committee
for Lighting Columns (SSACLC)**

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9	4	March 2007	Amendment to Terms and Definitions, Client and Certificate of Registration
10	4	March 2007	Amendment to Terms and Definitions, Contract Specification and Shall
10	4	March 2007	Addition of Terms and Definitions, Industrial Coating and Substrate
11	4	March 2007	Amendment to 4.1 General Requirements
12	4	March 2007	Amendment to 6.2.1 (i) Training Requirements and Assessment of Competency

12	4	March 2007	Amendment to 6.2.1 (ii) Record of Practical Experience and Continuous Professional Development
12	4	March 2007	Amendment to 7.1 Planning of product realisation to reflect current practice
12	4	March 2007	Amendment to 7.3.1 Design and Development Planning
13	4	March 2007	Amendment to 7.3.5 (i) Design and Development Verification
13	4	March 2007	Amendment to 7.3.5 (ii) Design and Development Verification, Verification of Design by Testing
13	4	March 2007	Amendment to 7.3.5 (iii) Design and Development Verification, Verification of Design by Calculation
13	4	March 2007	Amendment to 7.3.5 (iv) Design and Development Verification, Verification of Design by a Combination of Testing and Calculation
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15	4	March 2007	Amendment to 7.5 Production and Service Provision (i) Welding, c) Welding Procedures
15	4	March 2007	Amendment to 7.5 Production and Service Provision (ii) Surface Protection
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16	4	March 2007	Amendment to 8.2.4 Monitoring and Measurement of Product, (i) Inspection
14	4	March 2007	Amendment to 8.2.4 Monitoring and Measurement of Product, (ii) Level of inspection
15	4	March 2007	Amendment to 8.2.4 Monitoring and Measurement of Product, (iii)
15	4	March 2007	Amendment to 8.2.4 Monitoring and Measurement of Product, (iv) Reporting
18	4	March 2007	Addition of Appendix C: Training and Assessment of Competence
19	4	March 2007	Amendment to Appendix F: List of Certification Bodies
20	4	March 2007	Amendment to Appendix H: Organization Acceptance and Guidelines for New Entrants
21	4	March 2007	Amendment to Appendix J1: Feedback
23	4	March 2007	Amendment to Title and Appendix J2: Feedback To Certification Bodies
24	4	March 2007	Addition of Appendix K: The Interpretation of Certificates Issued by Certification Bodies
29	4	March 2007	Addition of Appendix L: Guidance

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COMPOSITION OF SECTOR SCHEME ADVISORY COMMITTEE, EXCLUSION OF LIABILITY AND SELECTION OF CERTIFICATION BODY

COMPOSITION OF SECTOR SCHEME ADVISORY COMMITTEE

British Standards Institution Quality Assurance (BSI QA)

County Surveyors' Society (CSS)

Department for Transport (DfT)

Highways Agency (HA)

Institution of Lighting Engineers (ILE)

Lighting Column Technical Forum (LCTF)

Lloyd's Register Quality Assurance Limited (LRQA)

Technical Advisors Group (TAG)

United Kingdom Accreditation Service (UKAS)

United Kingdom Steel Association (UKSA)

EXCLUSION OF LIABILITY

The Sector Scheme Advisory Committee for Lighting Columns (SSACLC):

- 1 have and accept no liability whatsoever for any failure of any system assessed under the SSACLC document or for the quality, fitness for purpose, or safety of any product or service which is subject to such assessment,
- 2 do not provide any representation or warranty as to any aspect of any such system, product or service, and
- 3 hereby expressly exclude all and any liability or responsibility (however alleged to arise) for or in connection with the provision of any service or product or any use of any product, all and any such, liability or responsibility attaching exclusively to the producer (or user as the case may be) thereof.

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SELECTION OF CERTIFICATION BODY

It is important to note that due to the specific requirements for assessor competence required by this Sector Scheme a technical expert may be appointed by the Sector Scheme Advisory Committee to assist UKAS in the assessment of Certification Bodies as described in Appendix G.

Prospective companies seeking registration under this scheme should ensure that they engage a certification body specifically accredited to assess against the requirements of this SSD. Specifiers, consultants, engineers etc. that require confirmation of compliance with the contract specification in respect of the supply of products/materials should confirm the current status of the quality management system certificate issuer and that specific reference is made to this Sector Scheme.

INTRODUCTION

This Sector Scheme Document (SSD) relates to the quality system requirements for the manufacture and verification of lighting columns and brackets.

For several years various quality assessment schemes and methods were investigated and evaluated. Talks with British Standards Institution, Quality Assurance (BSI QA) and Lloyds Register Quality Assurance Ltd (LRQA) followed which produced a scheme felt to cover the requirements for lighting columns. Next all major User bodies, including the then Department of Transport were brought into the discussions and a Working Party for Lighting Columns established. The Quality Assurance Scheme for Lighting Columns was launched at Lightex'87 in Blackpool in October 1987. During all these proceedings the Department of Trade and Industry provided invaluable advice and assistance.

In late 1996 it was suggested that it would be beneficial to change to a Sector Scheme which could be used by the United Kingdom Accreditation Service (UKAS) as part of its assessment for Certification Bodies wishing to be accredited in the lighting column field. This document is administered by the Sector Scheme Advisory Committee for Lighting Columns, which also acts as an advisory committee to UKAS.

In using this Sector Scheme users shall use best practice of specifying any other relevant highway Sector Scheme as appropriate to the nature of the work being undertaken. Furthermore where there is a Sector Scheme in place it must be used.

The Document is a live document with the Committee meeting at least once per year to develop and up-date as appropriate. Those using the document should always ensure that they have the current version by contacting a certification body listed in Appendix F or UKAS at the address below or by visiting their website www.ukas.com, from which free downloads are available.

A list of registered Organizations is maintained by the Secretary of the Committee and copies may be obtained from the address below.

Lighting Column Sector Scheme Committee Secretary
Institution of Lighting Engineers
Regent House
Regent Place
Rugby
CV21 2PN
Tel: 01788 576492

Lantra Awards also maintains a schedule of suppliers for the National Highways Sector Schemes, details of which can be accessed from their website <http://www.scheduleofsuppliers.com>. The cost of managing the website is defrayed by a small annual charge made by Lantra Awards to those Organizations appearing on the register. (Lantra Awards can also be contacted directly at nhssscheduleofsuppliers@lantra.co.uk in respect of any queries relating to the register).

Any observations or complaints relating to this document should be addressed to the Committee Secretary using the feedback sheets provided as Appendices J1 and J2.

Lighting Column Sector Scheme
C/o UKAS
21-47 High Street
Feltham
Middlesex
TW13 4UN

INTERPRETATION OF BS EN ISO 9001 : 2000

1. SCOPE

This document relates to the control of the manufacture and verification of lighting columns and brackets. The document interprets the requirements of BS EN ISO 9001:2000 and should be read in conjunction with that standard.

For the purposes of this document, the general term 'lighting column' shall be deemed to cover equally a column only, a column with bracket, and a bracket only.

The detailed scope of the manufacturing Registration is given on the relevant Certificate of Registration which shall show compliance with BS EN ISO 9001:2000, this Sector Scheme and the relevant column material(s) covered by the registration.

2. NORMATIVE REFERENCE

The following normative documents contain provisions which constitute provisions of BS EN ISO 9001 : 2000:

BS EN ISO 9000 : 2005 Quality Management Systems – Fundamentals and Vocabulary

BS EN ISO 9004 : 2000 Quality Management Systems – Guidelines for Performance Improvements

3. TERMS AND DEFINITIONS

For the purpose this Sector Scheme Document the following definitions shall apply.

Client	The body for which the work is being carried out, e.g. the Highway Authority or its nominated representative.
Certification of Registration	A certificate issued by a UKAS accredited Certification Body certifying that the holder operates a Quality Management System complying with BS EN ISO 9001 : 2000 and this document.
Contract	The agreement between the parties governing the provision of the works to which this SSD relates.

Contract Specification	Lighting columns shall be designed and manufactured in accordance with the appropriate parts of BS EN 40 plus any additional requirements formally agreed between the purchaser and the manufacturer based on, for example: <ul style="list-style-type: none"> i) Client Specification ii) The Contract Drawings
Customer	The body and / or its nominated representative engaging the Organization for the purpose of the work described in this Document. (The main contractor where the Organization is a sub-contractor.)
Definition	All terms used shall be as defined in BS EN 40 Part 1.
Designer	The person responsible for converting requirements into design output in the form of drawings, specifications, plans, instructions etc.
Industrial Coating	A single protective coat or a series of manually applied protective or aesthetic coats, which may include pre-treatments, thermally sprayed metal coats, paints, and aesthetic finish coats, applied to provide corrosion protection to a substrate. NOTE: Hot-dipped galvanized coatings and thermally sprayed coatings applied by an automated process are outwith the scope of this document (and also NHSS 19a).
Organization	The body responsible for the manufacture and/or verification of lighting columns.
‘shall’	Used to indicate a requirement strictly to be followed in order to conform to the standard and from which no deviation is permitted. (See ISO/IEC Directives Part 2, Rules for the structure and drafting of International Standards, Fifth edition, 2004, Annex H)
Substrate	The metal base itself, the metal coating (such as galvanising applied to a ferrous base) or existing sound industrial coatings on a ferrous base, over which the new industrial coating is to be applied

4. QUALITY MANAGEMENT SYSTEM REQUIREMENTS

Paragraph numbers in this section reference appropriate paragraphs of BS EN ISO 9001:2000.

4 Quality Management System

4.1 General Requirements

The Organization shall operate a quality management system to BS EN ISO 9001: 2000 and to this Sector Scheme.

4.2 Documentation Requirements

4.2.4 Control of Records

Records, including records of design, modifications and amendments to product design shall be retained for a minimum period of seven years from the date of manufacture.

5 Management Responsibility

5.1 Management Commitment

No specific interpretation.

5.2 Customer Focus

No specific interpretation.

5.3 Quality Policy

No specific interpretation.

5.4 Planning

No specific interpretation.

5.5 Responsibility, Authority and Communication

No specific interpretation.

5.6 Management Review

No specific interpretation.

6 Resource Management

6.1 Provision of Resources

No specific interpretation.

6.2 Human Resources

6.2.1 General

(i) Training Requirements and Assessment of Competence

The Organization shall meet the following requirements

1. Quality System Familiarisation

Shall include

- a. Induction
- b. Organization's operating procedures and safe systems of work

2. Training for Competence

This shall be done in accordance with Appendix C

(ii) Record of Practical Experience and Continuous Professional Development

The Organization shall maintain a portfolio of the practical experience of its relevant employees. This portfolio shall reference this experience against the appropriate training level contained in the Training Specification

The Organization shall have a recorded programme for the continuing professional development of its relevant employees. This shall include refresher training in relevant areas which shall be undertaken at regular intervals, ideally at least once every five years.

6.3 Infrastructure

No specific interpretation.

6.4 Work Environment

No specific interpretation.

7 Planning and Product Realization

7.1 Planning of product realisation

When specified in the Contract Documentation, the Organization shall produce and submit a Contract Specific Quality Plan (CSQP) for approval and return by the Customer / Client prior to commencement of the work.

The CSQP may be a largely standard document but shall address contract specific issues. It shall include the topics, as appropriate, given in Annex A of this SSD.

7.2 No specific interpretation.

7.3 Design and Development

7.3.1 Design and Development Planning

Where design or development planning is undertaken the competent

personnel involved shall be identified with their qualifications/experience appropriate for design. This shall include those involved with design verification and approval together with the process for this.

The organization shall be responsible for ensuring that its design, design modification and design verification procedures are satisfactory and correctly documented in the following two distinct areas:

- a) Design Loading - This shall include calculation of all loads to BS EN 40 Part 3-1, and/or any other specification(s) appropriate to the lighting column.
- b) Design Verification - This shall cover verification of the design either by calculation to BS EN 40 Part 3-3, testing to BS EN 40 Part 3-2 or by a combination of calculation and component testing at the discretion of the Organization (see 7.3.5 (iv) below).

NOTE The title Design and Development does not indicate or require the existence of two separate departments or systems, one for design and one for development. Such work can be carried out using the same resources and according to the same procedures. The term also allows for the tailoring of standard products to meet the specific requirements of customers.

7.3.5 Design and Development Verification

- (i) This may involve the use of a suitable computer programme, the output of which shall have been independently verified.

- (ii) Verification of Design by Testing

The test shall use forces calculated in accordance with Clause 7.3.1 (a) and shall comply with the requirements of BS EN 40 Part 3-2 and/or any other specified requirements.

The Organization shall produce a signed certificate of compliance covering the above.

- (iii) Verification of Design by Calculation

The design shall use forces calculated in accordance with Clause 7.3.1 (a) and shall comply with the requirements of BS EN 40 Part 3-3 and/or any other specified requirements.

NOTE: Certain initial processes, such as cold forming, may increase the strength of the metal used for lighting columns, whether tubular, octagonal or any other shape (parallel or conical). It is thus important that the characteristic property values, used in the design calculations, does not consider these enhanced figures, in instances where subsequent manufacturing processes employed (e.g. flame cutting, welding, heat treatment or galvanising) may result in these higher property values being reduced.

The Organization shall produce a signed certificate of compliance covering the above.

- (iv) Verification of Design by a Combination of Testing and Calculation

Testing may be used to verify the adequacy of structures or components, i.e. door areas, bracket joints, swaged shaft joints etc, which have otherwise

been verified to Clause 7.3.5 (iii). Testing shall be done in accordance with BS EN 40 Part 3-2 where applicable and to Clause 7.3.5 (ii).

The Organization shall produce a signed certificate of compliance covering the above clearly stating the loading limitations for the item(s) concerned.

7.3.6 Design and Development Validation

Independent Checking

When specified independent checking of the design and/or testing of a lighting column shall be carried out by an independent assessor acceptable to both the Customer / Client / Purchaser and the Organization. The following procedures will be acceptable unless otherwise specified:

- a) Verifying the test loading, witnessing the original verification test and signing the certificate of compliance.
- b) Checking the design, including the input data, for any verification programme approved under this Clause and signing a check certificate.
- c) Checking as under (b) but taking into consideration any submitted and / or independently verified component tests.

7.4 Purchasing

7.4.1 Purchasing Process

(i) Sub-Contracting

Processes, which affect the structural integrity of the column, may be sub-contracted providing the Organization ensures the sub-contractor concerned has BS EN ISO 9001 registration by an accredited 3rd party for the relevant process.

(ii) Bought Out Finished Products

Bought out finished lighting columns shall be supplied under the Organization's Sector Scheme approval only if they have been purchased from a supplier registered with this Scheme and produced within the scope of that supplier's registration.

7.5 Production and Service Provision

7.5.1 Control of Production and Service Provision

(i) Welding

a) General

Unless otherwise specified welding shall be carried out in accordance with the following:

b) Welding process

1. Steel - metal arc welding shall comply with BS EN 1011-Parts 1 and 2.

2. Aluminium – gas shielded metal arc welding (tungsten-inert gas or metal-inert gas processes) shall comply with BS EN 1011 Part 4.

Filler rods or wire used shall be in accordance with BS EN ISO 18273.

c) **Welding Procedures**

Where a Contract Specific Quality Plan is specified (see 7.1), this shall include welding procedures developed in accordance with BS EN 288 Parts 1, & 2 plus BS EN ISO 15614 Part 1 for steel and BS EN ISO 15614 Part 2 for aluminium.

Aluminium columns shall also be assessed in accordance with BS EN ISO 10042, quality level 'D', with the exception that for aluminium sheet material up to 3.0mm in thickness, isolated gas pores up to and including 0.85 x the material thickness are allowable.

(ii) **Surface Protection**

Surface protection shall either be in accordance with the requirements of BS EN 40 Part 5 Annex A for steel columns and Part 6 Annex A for aluminium columns, or with any alternative specifications or procedures formally agreed between the Customer and the Organization.

7.6 Control of Monitoring and Measuring Devices

No specific interpretation.

8 Measurement, Analysis and Improvement

8.1 General

No specific interpretation.

8.2 Monitoring and Measurement

8.2.4 Monitoring and Measurement of Product

(i) **Inspection**

All fusion welds shall be visually inspected in accordance with BS EN 970, prior to the application of any surface protective treatment.

Welds shall be free from slag residue and sharp edges. Adjacent surfaces shall be free from weld spatter, arc strikes and contaminants.

(ii) **Level of Inspection**

Where, on visual inspection of a weld, the presence of cracking or lack of fusion is suspected, either magnetic particle inspection (in accordance with BS EN ISO 9934 Part 1) or penetrant flaw detection (in accordance with BS EN 571 Part 1) shall be carried out on that weld plus an additional 10% of the production run. If the test results are satisfactory, processing can proceed, but if problems are revealed then all of that production run shall be inspected and the action taken recorded.

The inspection status of the product shall be clear at all times by virtue of its

location, written evidence or other production controls.

(iii) Reporting

Inspection records for production welds shall be retained by the Organization for a minimum period of seven years, in such a way that those relative to a particular order can be made available for inspection.

(iv) Testing

A minimum of one column per year shall be taken from standard production, sectioned, welds visually inspected and the results of the visual inspection recorded.

8.3 Control of Non-conforming Product

No specific interpretation.

8.4 Analysis of Data

No specific interpretation.

8.5 Improvement

No specific interpretation.

Appendix A: Model Requirements for Quality Plans

The Quality Plan shall include the following as appropriate.

1. Customer details, name and address, contact details.
2. Definition of the product or service being provided.
3. The structure of the Organization relevant to the contract, including the name of the senior manager responsible, and personnel managing the work. This shall include contact details.
4. Personnel carrying out the work and reference to their relevant qualifications and experience.
5. Programme of work.
6. Contract Specification requirements.
7. Processes for receipt and examination of compliance certificates/information for purchased products.
8. Design verification level and processes.
9. Product identification and traceability.
10. Contract specific requirements for storage or transportation.
11. Inspection programme.
12. Records deposition.

Appendix C: Training and Assessment of Competence

1 Introduction

This appendix is concerned with training to provide under-pinning knowledge, together with the assessment of competence, which is, amongst other things, the application of that knowledge..

The Organization shall have a system in place to identify training needs and provision these through a training plan. Training records shall be maintained for employees and shall be made available for inspection when required. Training personnel employed shall be appropriately experienced and qualified. Training shall be carried out in accordance with the training scheme published by LCTF.

Employees shall be assessed by the Organization for competence through observation of their application of training and knowledge in the workplace.

2 Welding Personnel

Personnel carrying out fusion welding shall have achieved a level of competence appropriate to the type of joint involved, which shall be measured by the approval testing procedure set out in BS EN 287 Part 1 for steel or Part 2 for aluminium.

Such personnel shall be subject to re-approval every 4 years. Approval shall be carried out by an independent Registered Welding Engineer or Welding Inspector certified by Certification Scheme for Weldment Inspection Personnel (CSWIP).

3 Personnel carrying out Corrosion Protection

Personnel involved in corrosion protection involving industrial coatings, including associated processes such as storage, mixing and application of corrosion protection products, preparation of surfaces, access, protection of the works (and environment) and inspection at all stages of the work, shall be appropriately trained and their competence assessed. Reference shall be made to the training requirements of NHSS 19A as applicable to NHSS 6 (see also Appendix L),

4 Inspectors

The Organization shall ensure that adequate and appropriate training is given to inspection personnel.

5 Health and Safety

Organizations are reminded of their legal obligations, under the Health & safety at Work Act 1974, to provide training in health and safety for all of their employees.

The training and assessment requirements for employees under this Sector Scheme are primarily intended to demonstrate technical competence for the manufacture of lighting columns. The aim is to provide sufficient awareness to enable work to be carried out in a safe manner. However, it remains the responsibility of the Organization to determine and implement safe working procedures.

Appendix F: List of Certification Bodies

The following certification bodies are those currently accredited by UKAS to provide lighting column quality management system certification to BS EN ISO 9001 and this Sector Scheme Document that was accurate at the time of revising this document.

BSI	www.bsi-global.com
Lloyds Registrar Quality Assurance Ltd	www.lrqa.com
National Quality Assurance Ltd (NQA)	www.nqa.com

Appendix H: Organization Acceptance and Guidelines for New Entrants

Organization Acceptance

The Highways Agency, The National Assembly for Wales, the Scottish Executive and the Department for Regional Development (Northern Ireland), have stated that only those Organizations holding a valid Certificate of Registration within the scope of this Sector Scheme Document, or equivalent attestation, meet the requirements of Clause 104 and Appendix A of the Specification for Highways Works.

For works carried out on roads managed by other Highway Authorities, acceptance of the Organization will depend on the requirements of the Contract.

Informative Guidelines for New Entrants – Requirements

In October 1999, the advisory committee considered whether there was any need to provide guidelines for entry to the scheme. It was unanimously agreed that these were not necessary, since new applicants would be able to apply to accredited certification bodies who would be able to undertake an assessment against this Sector Scheme Document.

Appendix J1: Feedback

Any observations or feedback relating to this document or the process described herein may either be

1. reported electronically through the Highways Agency's Standards Improvement System (SIS) (Details of SIS are shown in section A below) or
2. addressed to the Committee Secretary using the form shown in section B below

A Standards Improvement System (SIS)

SIS is implemented through Highways Agency Standard HD34/03 - The Implementation and Use of Standards Improvement System (DMRB Volume 5 Section 3.1 (DMRB 5.3.1)). HD34 was published in November 2003 followed in December 2003 by the launch of SIS.

SIS is the successor to the Quality Control Reporting System (QCRS) - a paper based system, which relied on designers to complete reports and Highways Agency staff to enter them on an old mainframe computer. The difficulty in entering reports and the fact that QCRS was perceived as a means of only recording defects with an emphasis on redress meant that QCRS had fallen into disuse.

The revised system overcomes both of these shortfalls. SIS is simple to use being available to anyone with Internet Access and is aimed at improving standards rather than reporting defects. It also provides a feedback system to the original author to advise him of the actions being taken. HD 34/03 can be accessed directly via

<http://www.standardsforhighways.co.uk/dmrb/vol5/section3/hd3403.pdf>

Note: It will be necessary to be authorised to use the system, and in the first instance you are requested to contact the Specifications and Policy Team by email to standards_enquiries@highways.gsi.gov.uk

B Feedback via Mail

Committee Secretary
Sector Scheme Advisory Committee for Lighting Columns
c/o UKAS
21 – 43 High Street
Feltham
Middlesex
TW13 4UN
Tel: 0208 917 8400
Fax: 0208 917 8500

Problem Identified:

Suggested Action:

Name:

Organization:

Address:

Contact details:

Date:

Appendix J2: Feedback To Certification Bodies

Feedback relating to certification matters in respect of alleged deficiencies in the product provided under this scheme should in the first instance be taken up with the Organization. In the event that the matter cannot be satisfactorily resolved written feedback should be made to the Organization's certification body, detailing the feedback or issue identified. Contact addresses are given in Appendix F.

Feedback / issue Identified:

Organization's Details:

Name:

Address:

Person raising feedback / issue

Name:

Organization:

Address:

Date:

Signed:

Appendix K: The Interpretation of Certificates Issued by Certification Bodies

Certification Bodies (CB) issue Certificates of Registration (CoR) in a variety of styles as suits their particular house style. They may consist of a single CoR containing all the requisite information or the CoR may be a standard certificate with appendices or addendum attached providing the full scope of certification (services) and the location(s) where these services are offered by an Organization. In the latter case, the CoR refers to the relevant appendices or addenda, which form an integral part of the certificate.

A valid National Highway Sector Scheme (NHSS) CoR is only issued by a CB accredited by UKAS against the relevant NHSS (See Appendix F of this document) or by a recognised equivalent accreditation body.

As a minimum a valid CoR will contain the following information:

- The scope of registration including specific registration to BS EN ISO 9001:2000 and this NHSS including the scheme title e.g. National Highway Sector Scheme 6 – Sector Scheme for the Manufacture and Verification of Lighting Columns.
- The identification of each and every location to which the CoR is applicable.
- The services/product offered by the Organization at each location identified on the CoR for NHSS 6 for the Manufacture and Verification of Lighting Columns and any applicable categories with associated typical sub-categories where applicable.
- Logos for the NHSS, UKAS (or equivalent) and the CB.
- The name and address(es) of the Organization
- The validity of the certificate (ISO 9001 – 3 years)*
- A unique reference number/code
- The signature of a relevant CB official with his name and title

Categories of manufacture include

Steel Columns

Aluminium Columns

Concrete Columns

* Note where an Organization has an extension to scope to include for this NHSS, the expiry date of the certificate remains as 3 years after their initial assessment/or triennial assessment and not 3 years after obtaining the extension to their certificate i.e. the validity of the certificate will not be reset following their NHSS assessment."

The following are example models for the certification.

Figure 1 Example Model Certificate of Registration

[Certification Body Name / Logo]

C E R T I F I C A T E O F R E G I S T R A T I O N

ORGANIZATION NAME]

[Organization Address]
[Town]
[County]
[Post Code]

[Certification Body Name] issues this certificate to the above named company after assessing the company's quality management system and finding it in compliance with

BS EN ISO 9001:2000 AND THE FOLLOWING NATIONAL HIGHWAY SECTOR SCHEMES

For the following scope of registration
[List of appropriate highways related works].
National Highways Sector Schemes
[Sector Scheme number and Title]
[Sector Scheme number and Title]
[Sector Scheme number and Title]

Certificate Number: *[Certificate Number]*
Issue Date *[date]*
Renewal Date *[date]*

Signature

[Name & Title of Certification Body Official]

[Certification Body standard footer: Name / Logo / UKAS Logo/NHSS

(This Example Model Certificate of Registration is for information only and shows the information required to be included on any such certificates. It does not imply any specific layout or format nor is it intended to inhibit the house style of the Certification Body)

The italic text in square brackets indicates where specific text would need to be included.

Figure 2 Example Model Appendix

[Certification Body Name / Logo]

APPENDIX

To Certificate Number *[Certificate Number]* Appendix No. *[1]* Page 1
of *[1]*

This Appendix declares the scope of registration of the certificate granted to:

[ORGANIZATION NAME]

[Organization Address]
[Town]
[County]
[Post Code]

Scope of Registration

[List of appropriate highways related activities]
National Highway Sector Schemes
[Sector Scheme Number and Title]
[Sector Scheme Number and Title]
[Sector Scheme Number and Title]

[Certification Body standard footer: Name/ Logo/ UKAS Logo/NHSS Logo etc.]

(This Example Model Appendix is for information only and shows the information required to be included on any such certificates. It does not imply any specific layout or format nor is it intended to inhibit the house style of the Certification Body)

The italic text in square brackets indicates where specific text would need to be included.

Figure 3 Example Model Certificate of Registration for the manufacture and verification of lighting columns

[Certification Body Name / Logo]

C E R T I F I C A T E O F R E G I S T R A T I O N

[ORGANIZATION NAME]

[Organization Address]
[Town]
[County]
[Post Code]

[Certification Body Name] issues this certificate to the above named company after assessing the company's quality management system and finding it in compliance with
BS EN ISO 9001:2000 AND SECTOR SCHEME 6

For the following scope of registration
Manufacture and Verification of Lighting Columns:

Steel Columns

Aluminium Columns

Concrete Columns

National Highways Sector Schemes
6 – Sector Scheme for the Manufacture and Verification of Lighting Columns

Certificate Number: *[Certificate Number]*
Issue Date *[date]*
Renewal Date *[date]*

Signature

[Name & Title of Certification Body Official]

[Certification Body standard footer: Name / Logo / UKAS Logo / NHSS Logo etc.]

(This Example Model Certificate of Registration is for information only and shows the information required to be included on any such certificates. It does not imply any specific layout or format nor is it intended to inhibit the house style of the Certification Body)

The italic text in square brackets indicates where specific text would need to be included.

Figure 4 Example Model Appendix to Certificate of Registration for the manufacture and verification of lighting columns

[Certification Body Name / Logo]

APPENDIX 01

To Certificate Number	<i>[Certificate Number]</i>	Appendix No. <i>[1]</i> Page 1 of <i>[1]</i>
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This Appendix declares the scope of registration of the certificate granted to:

[ORGANIZATION NAME]

*[Organization Address]
[Town]
[County]
[Post Code]*

Scope of Registration:

*Manufacture and Verification of Lighting Columns
Steel Columns
Aluminium Columns
Concrete Columns*

National Highway Sector Schemes

6 – Sector Scheme for the Manufacture and Verification of Lighting Columns

***[Certification Body standard footer: Name/ Logo/ UKAS Logo/NHSS
Logo etc.]***

(This Example Model Appendix to the Certificate of Registration is for information only and shows the information required to be included on any such certificates. It does not imply any specific layout or format nor is it intended to inhibit the house style of the Certification Body)

The italic text in square brackets indicates where specific text would need to be included.

Appendix L: Guidance

There is no requirement for Organizations registered to NHSS 6 to also be registered to NHSS19A.).

In order to ensure consistent standards in the delivery and content of training and the assessment of competence, training under the UK Industrial Coating Applicator Training Scheme (ICATS), specifically for the manufacture of lighting columns, related to the particular scope of works of the Organization, is available through a partnership between the Institute of Corrosion and the Highway Electrical Academy.

Where employees are trained only to the requirements of NHSS 6, this does not entitle them to be registered to ICATS or to NHSS 19A.

Where the scope of the corrosion protection works being undertaken by the employee extends beyond that covered by the specific training in NHSS 6, full accreditation to ICATS, following successful completion of training under the ICATS scheme, must be obtained.