



# National Highways Sector Schemes for Quality Management in Highway Works

2B

For the supply, installation, maintenance and  
repair of road restraint systems

**Published by the Sector Scheme Advisory Committee for  
Road Restraint Systems (SSACRRS)**

# DOCUMENT CONTROL

## Issue Statement.

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Issue UKAS 1 - July 1999  
Issue UKAS 2 - November 2000  
Issue UKAS 3 - November 2002  
Issue UKAS 4 - December 2006

In March 1999 UKAS became responsible for the issue of the Sector Scheme documents.

At the end of 1999 the scope of this Sector Scheme was extended to include all road restraint systems covered by BS EN 1317, with the exception of bridge parapets and permanent concrete systems. This resulted in a major review of the Sector Scheme Document.

This Sector Scheme Document was subject to a thorough review following the publication of BS EN ISO 9001 : 2000 and issued as UKAS 3

The changes between Issues 2 and 3 were documented.

## **Major changes between issues 3 & 4**

Front Page

Composition of the Sector Scheme Advisory Committee

Introduction – eighth paragraph

Scope

Terms & Definitions

Abbreviations

Section 4

Section 4.2.4 addition of table

Section 6.2.2 (i) final paragraph, (ii) first paragraph, (iii) first paragraph, (vi) all (vii) final paragraph (ix) all (x) all

Section 7.1

Section 7.2.1

Section 7.2.3

Section 7.3.2

Section 7.5.1 part (i)

Section 7.5.5

Appendix A – 5.6 & 5.7

Appendix B – first paragraph, Volume 4, 3.2, 3.5

Appendix C – Table 1 & Table 2 including notes, section of temporary traffic management

Appendix E – eighth row

Appendix F

Appendix K

**Controlled Copy No .....**

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

## **COMPOSITION OF SECTOR SCHEME ADVISORY COMMITTEE**

FCA incorporating the Association of Safety Fencing Contractors

Certification Bodies as listed in Appendix F

Construction Industry Training Board

CSS

HCTA Highways & Construction Training Association

Highways Agency

Highways Term Maintenance Association (HTMA)

Association of Public Service Excellence

Lantra Awards

Lantra Sector Skills Council

Notified Bodies

Roads Service Northern Ireland

Vehicle Restraint Manufacturers Association (VRMA)

Society of Chief Officers of Transportation in Scotland

UK Steel Association

## **EXCLUSION OF LIABILITY**

The Advisory Committee:

- I have and accept no liability whatsoever for any failure of any system or systems assessed under this Sector Scheme Document or for the quality, fitness for purpose, or safety of any product or service which is the subject of such assessment;
- II do not provide any representation as to any aspect of any such system, product or service, and,
- III 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 only certification bodies accredited by UKAS are permitted to certificate companies to this scheme. (see 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 Certification Body and that specific reference is made to this Sector Scheme on the Certificate.

## **IMPLEMENTATION OF ISSUE 4**

This issue of the SSD shall be implemented immediately for assessments in accordance with BS EN ISO 9001 : 2000.

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## INTRODUCTION

In the late 1980's considerable concern was generated because of poor standards in installation of vehicle safety fencing provided on highways. One consequence of this was that the manufacture and supply of these fences was included in the list of Quality Management Schemes (Appendix A) of the Department of Transport's Specification for Highway Works published in 1986 (the sixth edition). Coupled with this initiative, the fencing industry, under the guidance of BSI Quality Assurance (now BSI Management Systems UK), created a Sector Scheme Technical Advisory Committee. The initial outcome from the committee was a Quality Assessment Schedule (QAS 4630/5). This was replaced with Quality Guidance Note (QGN 5000/5). They were used by all parties involved with this type of work.

At that time BSI Quality Assurance was the only organisation authorised by the Department of Transport to provide quality assurance certification for this sector of industry. As time passed, the Highways Agency acknowledged that other organisations, subject to technical scrutiny, could also provide quality assurance certification. It, therefore, became necessary for all certification bodies to agree to the same interpretation of the BS EN ISO 9000 Series.

Originally, the committee included all types of fencing to BS1722 in its considerations. However, in 1995 it decided to confine its attention to vehicle safety fencing in order to make desired progress on matters concerning safety for the traveling public.

In 1996 UKAS agreed that the Committee become one of its technical advisory committees and be known as the Sector Scheme Advisory Committee for Road Restraint Systems (SSACRRS).

This Sector Scheme Document (SSD) sets out the UK interpretation of the BS EN ISO 9000 Series applicable to vehicle restraint systems. It applies to Certification Bodies as well as to any firm supplying this type of fence in the UK. Additionally, customers are expected to be familiar with the SSD and to ensure that all its provisions, particularly regarding operative experience and training, are strictly applied without exception at all times. The issue status of the SSD is controlled.

Following the publication of BS EN 1317 in 1999 and the introduction of temporary steel fences on to the highway network it was decided that the Sector Scheme needed to include all types of vehicle restraint systems covered by BS EN 1317. However, parapets were already the subject of a separate Sector Scheme and therefore excluded from this Scheme. The name of the Sector Scheme was therefore changed to Sector Scheme Advisory Committee for Road Restraint Systems (SSACRRS)

This SSD is a live document. The SSACRRS intends to meet two or three times a year to monitor & develop the scheme & those using the document should always ensure that they have the latest version. UKAS are responsible for the issue of up to date copies which may be available on their website ([www.ukas.com/publications...](http://www.ukas.com/publications...)).

Any observations or complaints relating to the operation of this document and the scheme should be addressed using forms Appendices J1 and J2. Appendix J1 is to be used for observations and general queries concerning the document and general feedback; Appendix J2 relates to the assessment processes carried out by Certification Bodies. Completed J1 forms should be sent to:

The Chairman  
Sector Scheme Advisory Committee for Road Restraint Systems  
c/o UKAS, 21-43 High Street, Feltham, Middlesex, TW13 4UN

Completed J2 forms should be sent directly to the relevant Certification Body.  
A list of registered Organizations undertaking this work is available from the Lantra Awards (see Appendix C)

# INTERPRETATION OF BS EN ISO 9001:2000

## 1. SCOPE

The Sector Scheme covers vehicle restraint systems which are manufactured in accordance with BS EN 1317 and used within a road or highway. However, as an exception, this sector scheme does not include work on parapets or cast in-situ concrete barriers, which are subject to other quality control measures.

For the purpose of clarity, it should be noted that this Sector Scheme applies to temporary and permanent deformable road restraint systems .

This Sector Scheme Document shall be read in conjunction with British Standard BS EN ISO 9001:2000. It is applicable to Organizations carrying out the design, supply, installation, maintenance and/or repair of Road Restraint Systems.

Proprietary systems are those detailed in the Highways Agency schedule "Approved Road Restraint Systems" or succession document. This is available from [www.highways.gov](http://www.highways.gov)

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## 2. NORMATIVE REFERENCE

The following normative document contains 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

## 3. TERMS AND DEFINITIONS

3.1 For the purpose of this Sector Scheme Document the following definitions shall apply:

Certificate of Registration	<p>A Certificate issued by a UKAS accredited Certification Body certifying that the holder operates a Quality Management System complying with the BS EN ISO 9001 : 2000 and with this SSD.</p> <p>To be valid in accordance with this scheme the Certificate shall include the Scope of Approval, which shall define the specific type(s) of vehicle restraint system to which the Certificate applies. (See Appendix K)</p>
Client	<p>The organization for which the work is being carried out. (e.g. Highways Agency)</p>
Components	<p>All the necessary elements, including fastenings, which separately and together are necessary to create a vehicle restraint system as required by the Contract.</p>
Contract	<p>The agreement between the Organization and the Customer governing the provision of the works to which this SSD relates.</p>
Contract Supervisor	<p>The person responsible for the supervision of the VRS installation. The Contract Supervisor could be responsible for a number of contracts and is not necessarily always on site.</p>
Customer	<p>The person/body/company/authority engaging the Organization for the purpose of the work described in this SSD.</p>

Installation	To include the assembly of units, maintenance & repair of vehicle restraint systems.
Designer	The person/body/company/authority responsible for converting customer requirements into design output in the form of drawings, specifications, plans, instructions etc.
FISS/CSCS Card	A card issued by the committee of the FISS/CSCS joint scheme. See Appendix C. CSCS is not an acceptable alternative to the FISS/CSCS card.
Quality Plan	The document setting out the specific quality practices, resources and sequence of activities defined in the Contract. (See Appendix A).
Scheme	The systematic arrangement for incorporating Quality Management into the work described in the Contract.
“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 Directives Part 3:1997, Annex E)” (reference “guidance on terminology used in ISO 9001:2000 and ISO 9004:2000”).
Organization	The organization responsible for the supply, installation, maintenance and/or repair of VRS in accordance with the Contract.
VSF/VRS Lead Installer	A person who is so designated by the Organization in accordance with the requirements of Clause 6.2.
VSF/VRS Installer	A person who has completed the training in accordance with the requirements of Clause 6.2.
VSF/VRS Operative	A person who works under the control of a VSF/VRS Lead Installer in accordance with the requirement of Clause 6.2
VSF/VRS Registration Card	A card issued by Lantra Awards on behalf of this committee in accordance with the requirement of Clause 6.2.

### 3.2. Abbreviations

FISS/CSCS	Fencing Industry Skills Scheme/Construction Skills Certification Scheme (Joint Scheme)
IRRRS	Interim Requirements for Road Restraint Systems
LA	Lantra Awards
NVQ/SVQ	National Vocational Qualification/Scottish Vocational Qualification
SSD	Sector Scheme Document
SHW	Manual of Contract Documents for Highway Works Volume 1: The Specification for Highway Works (and any subsequent amendments) published by The Stationery Office for the Highways Agency, The Scottish Executive Development Department, The Welsh Assembly Government and The Department for Regional Development, Northern Ireland.
UKAS	United Kingdom Accreditation Service
VRS/RRS	Vehicle Restraint Systems/Road Restraint Systems
VSF	Vehicle Safety Fences

## 4. QUALITY MANAGEMENT SYSTEM REQUIREMENTS

**Note** Paragraph numbers refer to the relevant paragraph number in BS EN ISO 9001:2000. Where “no specific interpretation” is shown this means that the committee considered that it was not necessary to provide an interpretation for the clause.

**4.1 General Requirements** - No specific interpretation.

### 4.2 Documentation Requirements

#### 4.2.1 General

Quality Plans shall be required for all jobs. When requested, and prior to the commencement of work, the Organization shall submit a Quality Plan for approval by the Customer.

4.2.2 Quality Manual - No specific interpretation.

#### 4.2.3 Control of Documents

As part of the Organization’s quality document control, the following contract specific documents are typically required to be controlled:

- 1) Correspondence
- 2) Delivery notes and certification where required
- 3) Training records/certificates
- 4) Contract Documentation and customer order
- 5) Instructions to Site Staff
- 6) Where appropriate, location and identification of underground services and structures and name, address, telephone numbers of those responsible for them,
- 7) Methods to ensure the Organization obtains any amendments to the documents listed in Appendix B where appropriate to the scope of registration.

#### 4.2.4 Control of Records

##### Permanent Installations

In addition to the Organization’s own quality records the following “contract specific” records shall be kept until the end of the period of maintenance or defects period and then delivered to the Customer:

- (a) certification for VRS components
- (b) where practicable, delivery notes for VRS components, and
- (c) reeling lists for wire rope restraint systems (where appropriate)

Additionally, other quality records specifically referred to in the Contract are to be treated in like manner. Typical examples related to following clauses:

	SHW	NPSBS Part A
Quality Assurance	104.4 & 104.6	
Quality Records	104.7 to 8	
Type Approval/Registration	104.13	
Provision of Information	104.16 to 18	
Goods and Materials	105.1	
Sampling and Testing	105.2	
Acceptance of Proposals	401.6	
Destructive Testing	402.6(v)	3.10
Workmanship and Testing	402.10	3.19
Anchorage and Attachment Systems for Surface Mounted Posts	403.15 & 403.19	3.33 & 3.37
Post Foundations	404.4	3.47

Interim copies of any of the above records shall be made available to the Customer on request.

#### Temporary Installations

All records shall be kept in accordance with normal quality control procedures.

## **5 MANAGEMENT RESPONSIBILITY**

**5.1 Management Commitment** - No specific interpretation.

### **5.2 Customer Focus**

The organization's quality policy statement shall include a statement of commitment to this Sector Scheme.

**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**

5.6.1 General

A management review, which shall include the operation of this Sector Scheme, shall be undertaken at intervals not exceeding twelve months.

5.6.2 Review Input

No specific interpretation

5.6.3 Review Output

No specific interpretation

## **6 RESOURCE MANAGEMENT**

**6.1 Provision of Resources** - No specific interpretation.

### **6.2 Human Resources**

### 6.2.1 General Operational Requirements

For work on permanent installations the team shall be comprised of members based upon the following matrix.

Gang Size	Lead Installer	Installer	Installer	Operative	Operative	Operative
2	x			x		
2	x	X				
3	x			x	x	
3	x	X		x		
3	x	X	X			
4	x	X		x	x	
4	x	X	X	x		
5	x	X	X	x	x	
6	x	X	X	x	x	x

### 6.2.2 Competence, Awareness and Training

**Note 1** "Training" is deemed to include "Qualifications".

#### (i) Training in the skill of **VSF/VRS** installation

LA accredits and validates appropriate modular training courses which are offered at various Training Centres throughout the country. Full details are given in Appendix C.

It is a mandatory requirement that candidates hold an appropriate valid FISS/CSCS joint scheme card.

#### (ii) **VRS Registration Cards**

LA will not issue a VRS card without evidence that the candidate is a holder of an appropriate valid FISS/CSCS joint scheme card. In Northern Ireland the CSR card shall be obtained after the issue of the Lantra Awards card.

Upon the successful completion of a module, a VRS Registration Card is issued to the VRS trainee by LA. It is valid for a period of 5 years (inclusive of a 6 month renewal period).

The VRS Registration Card defines the type(s) of system(s) for which the holder has been trained. It shall not be deemed to be valid for any type of VRS that is not defined.

The issue of a VRS Registration Card shall be recorded by the Organization on the individual's Record of VRS Practical Experience. (See Section 6.2 (iv)).

The Registration Card is to be available for inspection on site at any time.

(iii) **Renewal of VRS Registration Cards**

LA will not reissue a VRS card without evidence that the candidate is a holder of an appropriate valid FISS/CSCS/ joint scheme card or in the case of Northern Ireland a valid CSR card.

Renewal of a VRS Registration Card will be subject to the holder of the card attending and successfully completing a LA approved Update course within a period of 6 months prior to its expiry date.

Registered persons failing to re-qualify within the designated period will be required to attend and successfully complete the appropriate full course(s) before a new VRS Registration Card is issued.

The issue of a renewed VRS Registration Card shall be recorded by the Organization on the individual Record of VRS Practical Experience. (See Section 6.2 (iv)).

(iv) **Record of VRS Practical Experience**

The Organization shall create and maintain a validated Record of VRS Practical Experience for each VRS Operative VRS Installer and VRS Lead Installer employed. For permanent systems this need only be maintained until the employee holds a Level 2 NVQ/SVQ in Fence Installation (awarded by Lantra Awards) gained in the VRS Sector.

The Record of VRS Practical Experience shall include full details of the manner in which the individual has obtained practical experience, ie dates, type of fence installed, duties performed, etc.

(v) **Designation Criteria for a VRS Installer**

A person who has completed the appropriate modular training course for the type of vehicle restraint system upon which work will be undertaken.

This is in addition to the requirement to hold a FISS/CSCS card. (see Appendix C)

(vi) **Qualifications: NVQs and SVQs**

The only NVQ/SVQ that is acceptable for this sector scheme is that for "Fence Installation (vehicle restraint systems) awarded by Lantra Awards.

(Note:- NVQ/SVQs in Highways Maintenance are not an acceptable alternative for this sector scheme.)

(vii) **Designation Criteria for a VRS Lead Installer (permanent installations)**

Before an Organization can designate a VRS Installer as a VRS Lead Installer the Organization shall ensure the existence of the following requirements:

The potential VRS Lead Installer shall:

- (a) hold a valid VRS Registration Card for the type(s) of fence(s) that they will be installing and supervising, **and**
- (b) hold or have successfully completed a Level 2 NVQ/SVQ in Fence Installation gained in the VRS Sector.

Once so designated by an Organization, the VRS Lead Installer must continuously hold a valid VRS Registration Card for the type(s) of fence(s) relating to the designation. Any break in registration will immediately nullify the

designation of their role as Lead Installer.

Where a VRS Lead Installer has been appointed prior to 1st March 1999 in accordance with previous issues of this SSD, a subsequent Organization may continue the status of VRS Lead Installer conferred by a previous Organization provided that this is undertaken within a period of 12 months from the termination of the previous designated status.

**This is in addition to any requirements to hold a FISS/CSCS card.** (see Appendix C).

(viii) **Designation Criteria for a VRS Lead Installer (temporary installations)**

The Organization shall appoint a suitably experienced person as the Lead Installer. This person shall have completed the Lantra Awards approved training and be registered for the type of system being installed.

**This is in addition to any requirements to hold a FISS/CSCS card.** (see Appendix C)

(ix) **Designation Criteria for a Contract Supervisor**

A person who has completed the appropriate modular training course for the type of vehicle restraint system which they will be supervising.

This is in addition to the requirement to hold a FISS/CSCS Gold card or higher. (See Appendix C)

This is to be operational from 1<sup>st</sup> November 2008

(x) **Register of Designated VRS Installers, Lead Installers and Contract Supervisor**

The Organization shall maintain a Register of Designated VRS Installers, Lead Installers and Contract Supervisor in the style of that shown in Appendix D.

**6.3 Infrastructure** – No specific interpretation

**6.4 Work Environment** – No specific interpretation

## **7 PLANNING OF PRODUCT REALIZATION**

### **7.1 Planning of Product Realization**

The Quality Plan may be a standard document as indicated in Appendix A of this schedule and as amended to include contract specific information.

The Quality Plan should not be considered in isolation. An integrated approach should be taken which links the Quality Plan, Environmental Plan (including protected sites and waste management), Sustainability Plan and the Health and Safety Plan (including risk and hazard assessments) together. Management of the service as a whole is reliant on quality and hence the contract and the quality element cannot be separated, as one cannot function without the other.

The Quality Plan describes the management strategy that sets clear and sustainable performance objectives, delegates responsibility and establishes lines of communication.

The topics for the content of a Quality Plan are in BE EN ISO 10005 and this document, in particular reference should be made to Appendix A of this document and Appendix H of the SHW.

### **7.2 Customer Related Processes**

#### **7.2.1 Determination of Requirements related to the Product**

- (i) The Organization shall, prior to commencement, check the practicality of the proposed work. This may include liaison with third parties, e.g. the Highway Authority, the Client/Customer. Where irregularities or inconsistencies with the specification or health and safety requirements are encountered these shall be brought to the attention of the Customer/Client for resolution.

#### **7.2.2 Review of Requirements related to the Product**

- (i) The Organization shall carry out a review of the contract / order requirements and arrangements. The review procedure shall require the Organization to verify with the customer that the order placed meets the technical requirements included in the Client's Contract Specification.
- (ii) Matters of a significant nature that arise during the contract review shall be considered during the management review and incorporated as necessary into the quality management system.

#### **7.2.3 Customer Communication of Registration**

The Organisation shall have a process in place to notify Lantra Awards of its registration status in respect of this NHSS within 14 days of gaining registration (receipt of certificate) to this scheme and annually thereafter.

## **7.3 Design and Development**

### **7.3.1 Design and Development Planning**

- (i) The Certification for the Organization shall include design
- (ii) The design process may be limited to the design of post foundations and system layout.

### **7.3.2 Design and Development Inputs**

The Organisation shall demonstrate how it will conform with the requirements of the Highways Agency requirements set out in HD46 – Quality Management Systems for Highway Design.

### **7.3.3 Design and Development Outputs**

No specific Interpretation

### **7.3.4 Design and Development Review**

No specific Interpretation

### **7.3.5 Design and Development Verification**

No specific Interpretation

### **7.3.6 Design and Development Validation**

No specific Interpretation

### **7.3.7 Control of Design and Development Changes**

No specific Interpretation

## **7.4 Purchasing**

The Organization shall establish procedures to ensure that VRS components are purchased/obtained from a supplier which holds a Certificate of Registration for the manufacture of such VRS components, (Highways Agency Quality Management Scheme 1) & fasteners (Highways Agency Quality Management Scheme 3). On request, evidence of registration shall be passed to the Customer.

## **7.5 Production and Service Provision**

### **7.5.1 Control of Production and Service Provision**

- (i) When using proprietary systems, the Organization shall ensure that there are procedures for the segregation of components.

- (ii) Permanent Installations

The Organization shall identify and plan the supply and installation processes to the satisfaction of the Customer. Examples of conditions which shall be controlled include:

- (a) an agreed procedure for carrying out emergency repairs

- (b) compliance with Chapter 8 of the Traffic Signs Manual and other relevant advice/instructions issued by the Highways Agency, The Scottish Executive, The National Assembly for Wales and the National Assembly for Northern Ireland. (Including the requirements of National Highways Sector Scheme 12 where appropriate)
- (c) **either** when the Organization is the main contractor, the location and identification of underground and over-ground services and structures together with the names, addresses and telephone numbers of persons responsible for them  
**or** when the Organization is a sub-contractor, the taking of all reasonable steps to ensure this information is available from the main contractor and is suitable to the extent that the Organization is satisfied it is safe to carry out the sub-contract works.

The Organization's management shall have a working knowledge of the documents listed in Appendix B that are relevant to their work described in the Contract.

A VRS Lead Installer shall be present at the site of any VRS installation, maintenance and repair (which may exclude the excavation of foundations).

Each VRS Lead Installer may be assisted by up to a maximum of five VRS Installer(s) and Operatives as described in clause 6.2 (viii)

(iii) Temporary Installations

The following shall modify the requirements set out in clause 7.5(i) as it applies to temporary systems.

- (a) Any person used only as the operator of lifting equipment need not be trained and registered with Lantra Awards for VRS installation. (Other training requirements may apply)
- (b) The VRS Lead Installer may be assisted by up to a maximum of four VRS Installers and one Operative.

**This is in addition to any requirements to hold a FISS/CSCS card.** (see Appendix C)

7.5.2 Validation of Process for Production and Service Provision

At the end of each day or shift as appropriate it is the responsibility of the VRS Lead Installer to verify that all activities have been undertaken in accordance with the specification/contract.

7.5.3 Identification and Traceability – No specific interpretation

7.5.4(vi) Customer Property

Permanent Installations

The Organization may accept undamaged pre-used VRS components (except fasteners) as representing Customer Supplied Product in maintenance work, repair work or where specifically required in a contract.

### Temporary Installations

The Organization may accept un-damaged pre-used components as representing Customer Supplied Product. Where fasteners are re-used they shall not have been stressed beyond the elastic limit of the material.

#### 7.5.5 Preservation of Product

Prior to incorporation into the works, all metal vehicle safety fence components shall be supported clear of the ground in such a way as to avoid their damage and deterioration. Additionally, vehicle restraint system fasteners shall be stored under cover.

#### **7.6 Control of Monitoring and Measuring Devices**

The Organization's system shall include documented procedures to demonstrate the manner and frequency of the calibration of the measuring and test equipment necessary for the proper execution of the Contract. The frequency shall be either in accordance with the equipment manufacturer's recommendations or at intervals not exceeding twelve months, whichever is the lesser period. (See Appendix E).

### **8 MEASUREMENT, ANALYSIS and IMPROVEMENT**

#### **8.1 General**

No specific interpretation

#### **8.2 Monitoring and Measurement**

##### **8.2.1 Customer Satisfaction**

No specific interpretation

##### **8.2.2 Internal Audits**

Internal audits of the quality management system against this Sector Scheme shall include at least two site visits a year.

##### **8.2.3 Monitoring and Measuring of Processes**

No specific interpretation

##### **8.2.4 Monitoring and Measuring of Product**

No specific Interpretation

#### **8.3 Control of Non-conforming Product**

- (i) Any material and /or work not conforming to the specification shall either be reworked to conform to the specification or formally accepted in writing by the customer. The materials and/or work shall otherwise be considered as rejected.

- (ii) Where a temporary installation is not completed in accordance with the specifications and the Client's instructions due to the intervention of a third party, the Client shall be verbally informed immediately and this shall be confirmed in writing at the earliest opportunity.

**8.4 Analysis of Data** – No specific interpretation

**8.5 Improvement**

8.5.1 Continual Improvement

No specific interpretation

8.5.2 Corrective Action

No specific Interpretation

8.5.3 Preventive Action

No specific Interpretation

## APPENDIX A: REQUIREMENTS FOR QUALITY PLANS

Where appropriate the Quality Plan shall include:

- 1 Definition of the Products or Service to be provided
- 2 The Organization's structure describing the chain of command and stating the name(s) of:
  - 2.1 the senior manager responsible for the contracted work,
  - 2.2 the Organization's on-site management representative, and
  - 2.3 the VRS Lead Installer(s) and VRS Installer(s) together with,
    - 2.3.1 copies of their Registration Cards
    - 2.3.2 written confirmation of the fact that their Records of VRS Practical Experience are up-to-date, and
    - 2.3.3 written confirmation of the fact that they have been entered in the Organization's Register of Designated VRS Lead Installers and VRS Installers.
  - 2.4 details of those responsible for design.
- 3# Identification of the procedural content of the Organization's quality management system documentation relative to the product or service being provided. A copy of this shall be made available to the Customer on request.
- 4 Control of personnel selection, including special requirements for skilled personnel, eg designation of VRS Lead Installers.
- 5 Contract Specific procedures are required for the following:
  - 5.1 receipt and examination of relevant Certificates of Conformity and Test Certificates for VRS components,
  - 5.2 explanation of manufacturer's identification marks,
  - 5.3# storage and handling of VRS components and fasteners,
  - 5.4 where appropriate, Method Statement for installation, testing and traffic management, and
  - 5.5# control of non-conforming product.
- 2.6 Site welfare facilities for staff and reference to relevant Health and Safety Plans and/or Risk Assessments.
- 2.7 Details of any sub contractors' registration to this and other National Highway Sector Schemes

In addition to the above, the Organization will need to ensure that the requirements set out in Appendix 1/24 of the SHW have been met when it is part of the contract.

Items marked "#" Where available and appropriate, copies of Quality System/General Procedures may be acceptable.

## APPENDIX B: REFERENCE DOCUMENTS

The Organization shall have access to all, including current Reference Documents and British Standards and ensure the use of the relevant documents to the Contract unless otherwise stated therein.

- 1a The Manual of Contract Documents for Highway Works:
  - Volume 1: Specification for Highway Works:
  - Volume 2: Notes for Guidance on the Specification for Highway Works:
  - Volume 3: Highway Construction Details
  - Volume 4: Bills of Quantities for Highway Works
- 1b Other contract specific documents
- 2 Interim Requirements for Road Restraint Systems.
- 3 Design Manual for Roads and Bridges published by The Stationery Office.
  - 3.1 TD19 Safety Fences and Barriers plus Amendment 1 (DMRB Volume 2 Section 2) (including IAN 26)
  - 3.2 TD27 (Cross Sections and Headroom)
  - 3.3 HD34 Implementation and Use of the Standards Improvement System (DMRB Volume 5 Section 3)
  - 3.4 IAN44 Interim Requirements for Road Restraint Systems
  - 3.5 HD46 Quality Management Systems for Highway Design.
4. Non-proprietary Safety Barrier Systems
- 5
  - 5.1 Traffic Signs Manual Chapter 8 and other relevant advice/instructions issued by the Highways Agency The Scottish Executive Development Department, The Welsh Assembly Government and The Department for Regional Development, Northern Ireland.
  - 5.2 National Highway Sector Schemes 12A/12B/12C/12D - Temporary Traffic Management.
  - 5.3 Quality Management Scheme 3 – Manufacture of Industrial Fasteners and Associated Items.  
  
*(Quality Management Scheme documents available for Certification Bodies)*
- 6 BS7669 Part 3: Guide to the Installation, Inspection and Repair of Safety Fences.
- 7 Installation instructions issued by the manufacturer of proprietary systems

## APPENDIX C: TRAINING AND HEALTH & SAFETY

### 1 Training for the installation, maintenance and repair of Vehicle Restraint Systems

Lantra Awards accredits and validates the undermentioned training courses which are offered at various Training Centres throughout the country.

Training is provided on a modular basis as detailed in the Table below.

The “Stand-alone” modules are for use by vehicle restraint system candidates who do not wish to be trained on other types of fences.

The “Add-on” modules are only for use by vehicle restraint system candidates who have successfully completed the Basic Module.

**NB** New courses are developed as proprietary systems are introduced into the market.

**Table 1**

<u>MODULE</u>	<u>RESTRAINT SYSTEM COVERED</u>	<u>DURATION</u>
Basic	Tensioned Corrugated Beam Untensioned Corrugated Beam Open Box Beam Double Rail Open Box Beam CCB + ABC Terminal	5 days
Wire Rope (Add on)	<u>Brifen</u> Wire Rope	2 days
Wire Rope (Stand Alone)	<u>Brifen</u> Wire Rope	3 days
Wire Rope (Top-up)	For those holding registration for a wire rope system and wishing to add additional product.	1 day
Rectangular Hollow Section (Add on)	Rectangular Hollow Section	1 day
Rectangular Hollow Section (Stand Alone)	Rectangular Hollow Section	2 days
Update for installers	As appropriate	1 day
Temporary modular systems (Stand Alone)	Varioguard Barrierguard 800 Temporary Concrete Blocks	1 day 1 day 1 day
Static Crash Cushion (Add on)	Proprietary Static Crash Cushion	As appropriate
CCB + ABC Terminal (Add on)	Corus CCB and Highway Care ABC P4 Terminal	1 day
Vetex (Add on)	Corus Vetex system	1 day
Flexbeam (Add on) + Terminal (Add on)	Hill & Smith Flexbeam system	1 day

The development of new vehicle restraint systems has to be undertaken in accordance with BS EN 1317 and this stipulates that training requirements are identified. As new proprietary

systems are brought to the market place, the training courses will be validated by Lantra Awards and the above schedule amended as appropriate.

Details of these courses may be obtained from:

Lantra Awards  
Lantra House  
Stoneleigh Park  
Coventry  
Warwickshire  
CV8 2LG

Tel: (02476) 419703 Fax:- (02476) 411655 E.mail:info@lantra-awards.co.uk  
Website: www.lantra-awards.co.uk

## 2 Health and Safety

Organizations are reminded of the legal requirement to provide health and safety training for their personnel in accordance with the Health and Safety at Work etc Act 1974.

There is a requirement for all site personnel to carry a FISS/CSCS card as detailed in Table 2. This is in addition to the Lantra Awards cards that are issued upon the successful completion of a course detailed in Table 1 above.

In Northern Ireland a Construction Skills Register (CSR) card denoting occupational competency in Vehicle Restraint Systems has the same status as a FISS/CSCS card.

**Table 2**

Job Title	FISS/CSCS					Lantra Awards Registration	
	FISS H&S Course	CITB H&S Touch Screen Test	Card Category				VRS Course card holder
			Gold (NVQ Level 3)	Blue (NVQ Level 2)	Green (no NVQ required)		
VRS Operative	Operative	Operative Test			#		
VRS Installer	Operative	Operative Test		# or #			#
VRS Lead Installer	Operative	Operative Test		#			#
Contract Supervisor	Managers & Supervisors	Supervisor Test	From November 2008			#	

Notes:-

1. The Fencing Industry Skills Scheme (FISS) became a FISS/CSCS joint scheme from May 2003
2. Application details for FISS/CSCS cards can be obtained from Lantra Awards. Where a BLUE card has been obtained through industry accreditation, a Lead Installer must also hold a NVQ/SVQ in Fencing (Vehicle Safety) – Level 2 unless they were appointed prior to 1<sup>st</sup> March 1999. The Highways Maintenance Safety Fencing unit is not an acceptable alternative.

### 3 Reference Documents

NVQ/SVQ in Fencing (Vehicle Safety) -Level 2 Standards Document.

Scheme for the Registration of Training Achievement related to the installation of road restraint systems.

List of Lantra Awards Accredited VRS Training Centres.

All the above reference documents are available from Lantra Awards.

### Temporary Traffic Management

***This section is intended to bring the management of traffic in association with vehicle restraint installation activities carried out in accordance with the provisions of this Sector Scheme in line with the guidance in Appendix M of NHSS 12D.***

- a) All traffic management schemes will be designed on the basis of a site-specific risk assessment except where the rural or repetitive nature of the work justifies the use of a generic risk assessment.
- b) The provisions for traffic management shall be fully documented and form part of the method statement to be supplied in accordance with Appendix A - 2.3. of NHSS 12D
- c) Traffic management on motorway and dual carriageways carrying unrestricted traffic shall be designed and installed by a TTM contractor registered to sector schemes 12A and 12B.
- d) On works not covered by the above the traffic provisions shall be designed and documented by a traffic management Technical Officer qualified in accordance with section 6.2.2 of NHSS 12D.

Where NHSS 12D recognises equivalent evidence of competence to the above these shall be accepted as alternatives.

Note 1 – The definitions and abbreviations used in this appendix are taken from both NHSS documents have the same meaning. The relevant 12D definitions are:

- Registered Lead Traffic Management Operative \*(RLTMO)

An operative who will have successfully undergone an approved training course, to module 6 as a minimum, completed the competency assessment and been issued with an identification card by Lantra Awards and has 2 years experience of relevant temporary traffic management. The person shall be named in the Organization's Quality Plan as having the responsibility, training and experience to control temporary traffic management measures to meet the requirements of the Contract Specification.

- Technical Officer

The person named in the Organization's Quality Plan responsible for the establishment, modification and removal of traffic management and implementation of the requirements of the contract specification.

NB This person is a traffic management Technical Officer and shall be competent as defined by 6.2.2 of 12D, this may or may not be a person qualified as an operative, Supervisor or Technical Officer under Sector Scheme 2B.

Note 2 – relevant module is the unit of competence identified with NHSS 12D for training and the corresponding NVQ assessment module(s)

Note 3 – Organizations must be able to demonstrate during 2006 that they are working towards these TTM qualifications, which will become mandatory from the start of 2007.

Note 4 – Lantra Awards can be contacted at telephone number 02476 419703

Note 5 – Sector Scheme Documents for Schemes 12A, 12B and 12D are available from the UKAS website as is detailed for this Scheme in the Introduction of this document.

## APPENDIX D: EXAMPLE REGISTER OF DESIGNATED VRS LEAD INSTALLERS

NAME OF ORGANISATION -----

QA CERTIFICATION BODY ----- QA REGISTRATION NUMBER -----

FULL NAME OF LEAD INSTALLER	LA REG <sup>D</sup> NUMBER	REGIST <sup>N</sup> RENEWAL DATE	CATEGORY(IES) OF SYSTEM DESIGNATED TO INSTALL	DATE DESIGNATED BY ORG <sup>N</sup>	NAME AND SIGNATURE OF AUTHORISED MANAGER	
					NAME	SIGNATURE

# Column headings to be amended as appropriate dependent upon the activity of the company.

\$ State product name

**A similar register will be maintained for VRS Installers and Contract Supervisors.**

## APPENDIX E: CALIBRATION REQUIREMENTS

Equipment Title	Purchase	Calibration Control	Calibration Frequency
Steel Rule	BS 4372	Issue control and damage check by user	In use check
Steel Tape	EC Class 11		In use check
Fibre Tape	EC Class 111		In use check
Spirit Level			In use check
Cable Avoidance Tools		Issue control and function check by user	In use check plus Manufacturers recommended calibration checks
<b>Thermometers:</b> Mercury/Alcohol		Traceable calibration <i>(upon purchase only)</i>	In use check
Other		Traceable calibration	Annually
Torque Wrench		Traceable calibration	Annually
Air Wrench		Traceable calibration	Annually
Post Foundation Test Rig		Traceable calibration	Annually
Wire Rope Tension Indicator		Traceable calibration	Annually

## APPENDIX F: CERTIFICATION BODIES

Information on certification bodies accredited against this scheme can be found on the UKAS website [www.ukas.com](http://www.ukas.com). To identify the certification bodies on the website:

- place the cursor onto 'about accreditation' in top grey menu bar
- move down to 'accredited bodies'
- move across to 'certification body schedules' and left click on this to take you to the list of schedules
- move down past 'key abbreviations' to 'search within the schedules' - click on 'advanced search'
- type 'Highway Sector Scheme No 2B' in the box and tick the square by 'search UKAS documents'
- left click 'search'
- this then lists the certification bodies who are accredited and their details can be found by clicking on the appropriate links.

BMTRADA Certification Limited	<a href="http://www.bmtrada.com">www.bmtrada.com</a>
BSI	<a href="http://www.bsi-global.com">www.bsi-global.com</a>
Bureau Veritas Certification Holding SAS	<a href="http://www.bvqi.com">www.bvqi.com</a>
Lloyd's Register Quality Assurance Limited	<a href="http://www.lrqa.com">www.lrqa.com</a>
NICEIC Group Limited Trading as NQA	<a href="http://www.nqa.com">www.nqa.com</a>
SGS UK Ltd	<a href="http://www.sgs.co.uk">www.sgs.co.uk</a>

Note:

Advice on the accreditation status of certification bodies to assess vehicle restraint system companies against this sector scheme should be sought from UKAS (Tel 0208 917 8400).

# **APPENDIX G: THE ROLE OF THE CERTIFICATION BODY AND AUDITOR QUALIFICATIONS**

## **1 Scope**

This appendix provides specific requirements relating to the necessary expertise and experience that certification bodies and their auditing team shall have in order to operate and administer the scheme in addition to the normal requirements of United Kingdom Accreditation Service (UKAS) for accreditation.

## **2 Qualifications of Certification Body**

- 2.1 The Certification Body shall be accredited by UKAS to the requirements of EN 45012 to issue certificates for quality systems in accordance with BS EN ISO 9000 family of standards and this SSD
- 2.2 The Certification Body must be able to demonstrate to UKAS that it possesses and can maintain the necessary in-house expertise and experience within its organisation for the assessment of technical competence of supply, installation, maintenance and repair of vehicle restraint systems.

## **3 Evaluation**

- 3.1 The Certification Body is responsible for ensuring that the audit team which carries out any audit activity, possess a demonstrable expertise in supply, installation, maintenance and maintenance of vehicle restraint systems. Assessment of a certification body's ability to co-ordinate a competent team will be made by UKAS during surveillance visits of the certification body. Typical knowledge and skills expected of an audit team, (which may consist of a single individual), are as follows:
  - a) IRCA Registered Lead Auditor/Auditor, or equivalent. (A lead auditor would be required to be employed on an initial assessment)
  - b) knowledge of the supply installation, maintenance and repair in the vehicle restraint systems industry, including the methods and techniques sufficient to understand the processes employed and the controls necessary to ensure delivery of conforming product. Typically this would include knowledge of vehicle restraint systems and processes including connections to different systems and parapets, terminations of vehicle restraint systems, anchorages and methods of tensioning relevant fencing. (Conveyance of this knowledge to auditing teams will be determined by the Certification Body and will be audited by UKAS).
  - c) attended and successfully completed a recognised appreciation course in the appropriate vehicle restraint systems as accredited by Lantra Awards and as detailed in Appendix C of this SSD.

- d) have some demonstrable technical highway engineering background, capable of reading and understanding specifications and drawings, including knowledge of the Specification for Highway Works and design standards requirements for vehicle restraint systems, up to date knowledge of Chapter 8 of the Traffic Signs Manual and Health and Safety matters relating to the installation, maintenance and repair of such restraint systems.
- 3.2 The Certification Body shall ensure that the organization shall provide to the SSACRRS (Chairman & Lantra Awards) details of their certificate which deems them competent to supply, install and maintain vehicle restraint systems within 14 working days.
- Additionally Certification Bodies shall within 14 days notify the SSACRRS (Chairman & Lantra Awards) when companies have been deregistered.
- 3.3 The quality system certificate, which shall include reference to this SSD, will be issued to a model which conforms with the requirements of UKAS and indicates competence under this SSD. The certificate shall include the type (and subtype if appropriate) of vehicle restraint systems for which the registered company has been assessed. Currently this is basic (tensioned corrugated beam, untensioned corrugated beam, open box beam, double rail open box beam), wire rope (type to be specified) and rectangular hollow section fences as permanent installations. For temporary installations the exact description of the system shall be included. Certificates issued prior to the publication of this document which include the description 'Wire Rope' shall be deemed to refer to the Brifen Wire Rope\_System unless otherwise stated.
- 3.4 The Certification Bodies involved in certification to this scheme shall provide feedback on the effectiveness of the scheme to SSACRRS as part of the annual scheme review.
- 4.0 Contribution to the Sector Scheme Advisory Committee**  
As a commitment to the successful operation of this Sector Scheme a representative of the Certification Body shall attend the meetings of the Sector Scheme Advisory Committee.

## **APPENDIX H: ORGANIZATION APPROVAL**

For an Organization to be acceptable under this Scheme, a valid Certificate of Registration applicable to the type of work described in the Contract shall be held.

Organizations holding such a valid Certificate of Registration will be deemed to comply with SHW Clause 104 Appendix A Scheme 2B for the types of VRS indicated in their Certificate of Registration.

## APPENDIX J1: FEEDBACK

Any observations or complaints relating to this document or the process described herein should be addressed to the Committee Secretary

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

Problem Identified:

Suggested Action:

Name:

Company:

Address:

Contact details:

Date:

## APPENDIX J2: COMPLAINTS TO CERTIFICATION BODIES

Complaints 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 satisfactory resolved written complaints should be made to the Organization's certification body, detailing the problem identified. Contact addresses are given in Appendix F.

Problem Identified:

Organization's Details:

Name:

Address:

.....

Name:

Company:

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 2B for the Supply, Installation, Maintenance and Repair of Vehicle Restraint Systems.
- 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 2B for the Supply, Installation, Maintenance and Repair of Vehicle Restraint Systems 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
- A unique reference number/code
- The signature of a relevant CB official with his name and title

Categories of services offered can include the following:

1. Brifen Wire Rope
2. *Barrierguard 800*
3. *Deltabloc 80 (Proprietary Systems)*
4. *Tensioned Corrugated Barriers (TCB)*
5. *Un-tensioned Corrugated Barriers (UCB)*
6. *Open Box Beam (OBB)*
7. *Double Rail Open Box Beam (DROBB)*
8. *Rectangular Hollow Section (RHS)*
9. *Multibloc and Maxibloc*
10. *etc for:-*  
*Barriers complying with BS EN 1317 parts 1 & 2 and pr EN 1317 part 5*

Crash cushions complying with BS EN 1317 Part 1 & 3  
Terminals and transitions complying with BS EN Part 1 and DD EN 1317  
Part 4

(Note: this list is not exhaustive and the description of the subcategory may vary.)

The following are example models for the certification.

Figure 1 shows the scope of registration on the certificate.

Figure 2 shows an example of an Appendix for scope of registration. The italic text in square brackets indicates where specific text would need to be included. Where appropriate the information on location and their respective scopes may be included on the Appendix for scope of registration.

Figure 3 shows the scope of a typical certificate of registration for the supply, installation, maintenance and repair of the vehicle restraint systems.

Figure 4 shows an Appendix to the certificate of registration for the supply, installation, maintenance and repair of the vehicle restraint systems.

Figure 1 Example Model Certificate of Registration.

**[Certification Body Name / Logos]**

CERTIFICATE OF REGISTRATION

**[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]*

*[(Appendix ... details the full scope of registration and Appendix ... details the locations covered by this registration)]*

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.]*

Figure 2 Example Model Appendix

*[Certification Body Name / Logos]*

**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]*

<b><i>Depot, Regional Office etc</i></b>	<b><i>Applicable Sector Scheme(s)</i></b>	<b><i>Scope of Registration</i></b>
<i>[Depot 1 New road, Newtown]</i>	<i>[Sector Scheme Number and title]</i>	<i>[Detailed scope]</i>
	<i>[Sector Scheme Number and title]</i>	<i>[Detailed scope]</i>
<i>[Depot 2 Old Road, Oldtown]</i>	<i>[Sector Scheme Number and title]</i>	<i>[Detailed scope]</i>

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

Figure 3 Example Model Certificate of Registration for the supply, installation, maintenance and repair of the vehicle restraint systems.

***[Certification Body Name | Logos]***

**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 NATIONAL HIGHWAY SECTOR SCHEME 2B**

For the following scope of registration  
Vehicle Restraint Systems

a) *Permanent Systems*  
*State Systems*

b) *Temporary Systems*  
*State Systems*

National Highways Sector Schemes

2B – Sector Scheme for the supply, installation and repair of the vehicle restraint systems.

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.]*

Figure 4 Example Model Appendix to Certificate of Registration for the supply, installation, maintenance and repair of the vehicle restraint systems.

*[Certification Body Name / Logos]*

**APPENDIX 01**

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:**

*The installation, maintenance and removal of for the supply, installation and repair of the vehicle restraint systems:*

*(See over page for list of systems)*

National Highway Sector Schemes

*2B – Sector Scheme for the supply, installation and repair of the vehicle restraint systems.*

<b><i>Depot, Regional Office etc</i></b>	<b><i>Applicable Sector Scheme(s)</i></b>	<b><i>Scope of Registration</i></b>
<i>[Depot 1 New road, Newtown]</i>	<i>Sector Scheme 2B for the Installation of vehicle restraint systems</i>	<i>for the supply, installation and repair of the vehicle restraint systems.</i>
<i>[Depot 2 Old Road Oldtown]</i>	<i>Sector Scheme 2B for the Installation of vehicle restraint systems</i>	<i>for the supply, installation and repair of the vehicle restraint systems.</i>

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