

VRS Course for Inspectors and Supervisors

Course summary:

A course for engineers, clerks of works, supervisors or inspectors who will be involved with the inspection and/or the maintenance of vehicle restraint systems. The course will concentrate on the non-proprietary barrier systems (NPSBS) of Tensioned Corrugated Beam (TCB), Untensioned Corrugated Beam (UCB), Open Box Beam (OBB) and Double-Rail Open Box Beam (DROBB).

Trainees will be made aware of, (but not consider in detail), proprietary barrier systems from Tata Steel/Corus "Vetex" & "Corus Corrugated Beam" and Hill & Smith "Flexbeam" & "Brifen" systems. Also P4 end terminals including ABC, Euro ET, Euro BXT, Trend and Xtension, and crash cushions.

Alternatively, candidates may choose to qualify to inspect proprietary systems of Vetex and Flexbeam. Course duration in this instance will be 5 days or longer.

Please note: LANTRA will not issue a qualification card for VRS courses unless the candidate holds a current FISS/CSCS joint scheme card.

Description:

This course will involve some outdoor activity to work on safety fences. There will also be an open-book, multiple choice questionnaire at the end of the course.

A certificate will be issued to candidates who demonstrate competence

Course objectives:

On completion of the training delegates should be aware of the following

- The concept of Quality Assurance, the National Highways Sector Scheme 2B and the certification of approved installers
- The importance of installing safety fence according to instructions & specifications
- The testing of posts for stability
- The need to excavate correct sized and shaped foundations
- The need to handle, off-load & stack materials in the correct manner
- The method of fixing cast-in & surface mounted posts
- The requirements for maintenance of fences
- The different types and requirements of proprietary systems

Delegates should also be able to

- Understand the principles of safety fence design
- Understand the essential elements of BS EN 1317
- Have knowledge of the Highways Agency specifications TD 19/85
- Interpret the Highways Agency specifications TD 19/06
- Read and understand the Highways Agency NPSBS specifications and drawings
- Appreciate the significance of proprietary systems
- Identify terminals and transitions
- Recognise types of fences and understand the limitation of use for each type
- Recognise components & obvious defects
- Identify the correct type and grade of fasteners and know the importance of correct selection
- Tension safety fence in the approved manner
- Inspect NPSBS to ensure conformity with the specifications
- Recognise the various terminals now in use

Course Delivery: Classroom & Practical Work

Practical Work: Full PPE required, including waterproof clothing, safety boots, gloves and safety specs.

Language: English

Duration: 3 or 5 Days

Max number of learners: 10

For further information and how to book:

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