CLOCS-A

Construction Logistics and Community Safety – Australia

A Vulnerable Road User Awareness

CLOCS-A Vulnerable Road User Awareness Course Requirements and Guidance for Training Providers

Introduction

Construction Logistics and Community Safety – Australia ("CLOCS-A") is a national voluntary Standard developed by a range of industry champions, government, peak associations and community organisations working together and adopting a best practice approach to ensure community road safety whilst improving the efficiency and productivity of transport and logistics on construction projects.

The CLOCS-A Standard sets out the minimum requirements for managing construction vehicle movements and ensuring safe interactions with other road users with the primary aim of managing the risks and impacts associated with a construction project's on-road transport and logistics activities to improve community road safety.

As part of the CLOCS-A Standard, minimum training and competency requirements are specified for heavy vehicle drivers of construction vehicles to meet before the organisation (and project) they work for can gain accreditation to the CLOCS-A Standard.

As part of these requirements, heavy vehicle drivers are required to complete training in and gain competency in "Vulnerable Road User Awareness".

It is understood, at the time of writing this guidance, there is a gap in the market offering training courses in this subject area, and that organisations are currently developing courses and associated learning materials to meet this requirement of the CLOCS-A Standard.

This document has been developed to clarify those requirements for Vulnerable Road User Awareness training course content, delivery and assessment, and outline the process to undertake to gain course approval from the CLOCS-A Managing Body.

Course Development Requirement:

To develop an approved Vulnerable Road User Awareness Course that meets the CLOCS-A Standard, training organisations need to consider the following requirements:

Content:

• Ensure the course covers all the key Knowledge/ Content/ Assessment elements outlined in the CLOCS-A Standard (Table F1), such as understanding the risks associated with construction vehicle movements, promoting safe driving behaviours, and implementing effective safe driving techniques, vehicle safety equipment and route planning practices.

• Refer to: Appendix A: Table F1 Vulnerable Road User Awareness Training Requirements per Accreditation Level

Learning Objectives:

• Clearly define the learning objectives of your training course, ensuring they align with the knowledge and skills specified in the CLOCS-A Standard Table F1 Vulnerable Road User Awareness Training Requirements per Accreditation Level.

Curriculum Design:

• Develop a comprehensive curriculum that includes instructional materials, practical exercises (where required), assessments, and any necessary supporting resources.

Trainer Qualifications:

• Ensure trainers (for Silver and Gold course) possess the necessary qualifications, expertise, and experience to effectively deliver the course content.

Assessment and Certification:

- Establish an assessment process to evaluate learners' understanding and competence.

- NOTE: CLOCS-A Bronze, Silver and Gold level courses have different Assessment Requirements. It is important that the organisation ensure their assessment process meets those requirements outlined in Table F1 Vulnerable Road User Awareness Training Requirements per Accreditation Level.

- Issue appropriate certifications to successful participants.

Process for Approval:

Only approved courses are recognised for CLOCS-A Accreditation. Therefore, to gain approval for your training course from the CLOCS-A Managing Body, organisations will need to:

Initial Contact:

- Express their interest in developing a course aligned with the CLOCS-A Standard by contacting the CLOCS-A Managing Body.

- Provide an overview of their organization, training expertise, and intention to develop a course.

Documentation Submission:

Prepare and submit all the required documentation to the CLOCS-A Managing Body, including:

• Course curriculum,

• Presentation slides or handouts,

• Learning objectives,

• Assessment methods,

• Trainer qualifications, and

• Any supporting materials.

Review and Evaluation:

- Submitted documentation to the CLOCS-A Managing Body will be reviewed by CLOCS-A Technical Group 2 Subject Matter Experts on Driver Safety and an assessment will be made on whether the training course meets the requirements of the CLOCS-A Standard.

Feedback and Revisions:

- If any areas require improvement or clarification, the CLOCS-A Managing Body will provide feedback.

- Where feedback is provided, organisations shall revise and enhance the course based on the feedback received.

Final Approval:

Once the training course meets the CLOCS-A Standard requirements, the CLOCS-A Managing Body will grant its approval through formal communication and list the course as approved on the CLOCS-A Website.

Continuous Improvement:

It is essential that organisations regularly review and update their training courses to ensure they remain aligned with the evolving CLOCS-A Standard and industry best practices.

Organisations should stay informed about any updates or amendments issued by the CLOCS-A Managing Body and adjust your course accordingly.

Further Information:

For more detailed information and assistance during the course development process, please contact the CLOCS-A Managing Body at https://clocs-a.org.au/contact

Thank you for your commitment to promoting road safety within the construction industry by developing a training course that aligns with the CLOCS-A Standard.

Appendix A: Table F1 Vulnerable Road User Awareness Training Requirements per Accreditation Level

Accreditation Requirement	Training Requirement	Knowledge/Content/ Assessment	Acceptable Delivery Methods
Bronze	Vulnerable Road User Awareness Training – Basic	• Introduction to the Safe System • Growing population and construction • Introduction to different road user types • Introduction to different vulnerable road users, level of vulnerability and associated risks • Common hazardous scenarios, crash types with vulnerable road users • Overview of driving techniques and skills (e.g. scanning, buffering, etc.) to anticipate and share road safely with VRUs, including trusting in driver's own awareness • Overview of vehicle safety standards (CLOCS-A) Bronze, Silver, Gold – their purpose, function and limitations (including crash reduction factors) • Overview of route planning and its influence on road safety (i.e. to avoid locations/ times where VRUs are likely to be present) Assessment: • Multiple choice individual assessment required	• In-house facilitation using handouts/ PowerPoint-style or via eLearning-style module
Silver	Vulnerable Road User Awareness Training – Intermediate	As per Bronze Requirements. In addition: Interactive group discussion activity and additional assessment requirements. Assessment: • As per Bronze requirements, plus • Group Activity • Short Answer Exam-style Questions	• In-house facilitation using handout/ PowerPoint-style or via online platform (MS Teams, Zoom, etc.)
Gold	Vulnerable Road User Awareness Training – Advanced	As per Silver Requirements. In addition: • Provide drivers opportunity to understand limitations to existing infrastructure and construction impacts on traffic and road environments in practical real-life environment. • Drivers can explore first-hand how it feels to be a vulnerable road user. • Improve health through increased active transport. Assessment: • As per Silver Assessment requirements, plus: • Practical assessment and in-field observations	• In-house facilitation using handouts/ PowerPoint-style or via online platform (MS Teams, Zoom, etc.) • Practical site visit involving walking tour of project haulage routes, on-bike tour or an equivalent practical or simulated experience