

Extending cycle safety standards beyond HGVs to mobile plant

Laing O'Rourke



Laing O'Rourke, together with its services and logistics provider Select, has fitted its entire nationwide fleet of HGVs with cameras and vulnerable road user safety equipment.

Select's camera systems have advanced recording capability that allows the company to use the recorded data



to better understand how vehicle movements impact other road users. This has allowed Select to plan and adjust its operations to reduce risk. The camera systems are also a powerful tool in encouraging professional driving standards.

Select operates some of the largest items of construction plant in the industry. It takes a 'catch all' approach to vulnerable road user protection and has extended the HGV scheme to include mobile cranes and concrete pumps, which are not currently covered by HGV safety rules.

The programme has met with widespread driver approval and is being supported with the adoption of the new work related road risk standard nationwide.

London Construction Consolidation Centre

Wilson James



Wilson James's LCCC is the only dedicated consolidation centre in London, which supports materials management for construction in the capital. It is estimated to reduce supplier vehicles travelling to projects it supports by 68 per cent.

By investing in safety equipment for vehicles, and training for staff, the centre contributes to making the roads a little safer for all users.

LCCC vehicles are all fitted with Class V and VI mirrors, cyclist proximity sensors and side-guards to reduce the likelihood of incidents with cyclists and pedestrians. Warning signs for cyclists are displayed to the rear of vehicles and drivers are undertaking Driver Certificate of

Professional Competency (DCPC) training and receiving regular toolbox talks on cycle awareness.

Drivers know their routes and do not block cycle lanes waiting near to site. Ninety-eight per cent of consolidated deliveries arrive on time.



Commitment to delivering progressive driver training

O'Donovan Waste Disposal Ltd



O'Donovan Waste Disposal Ltd is one of London's largest independent waste management companies and the only independent company to have achieved gold FORS accreditation.

Having started a driver focus group to gain a better understanding of what skills needed to be enhanced, an inclusive strategy for driver training and development was implemented in 2010.

Three years in and the commitment to training has helped ensure standards continually improved in health and safety and wellbeing, alongside improving sustainable development. All drivers have achieved NVQs in HGV driving, are Safe and Fuel Efficient Driving (SAFED) trained and hold CPC cards surpassing what is legally required.

Having participated in the pilot of the Crossrail e-learning initiative, it is now compulsory for all new starters to undertake as part of their induction the Crossrail one-day classroom interactive training and CSCS touch-screen health and safety training. All new drivers are allocated a 'buddy' who helps mentor them until they are familiar with the daily procedures. These include specified routes as planned by the transport manager which avoid cycling hotspots. Drivers are also encouraged to undertake the 'Safe Urban Driving' training course which includes an on-cycle session out on the road so drivers get to experience the cyclists view.

Drivers reports, identifying and celebrating efficient and safe driving, are circulated weekly, as well as updates about performance and training which are distributed via a newsletter.

Again, with their driver's participation and input, all O'Donovan HGVs are fitted with the side-scan detection systems, side impact bars, cameras, Fresnel lenses, warning triangles, fire extinguishers and cycle safety stickers. As a further demonstration of their commitment, O'Donovan has two in-house National Examination Board in Occupational Safety and Health (NEBOSH) trained staff, on hand to give employees and clients advice and assistance with any health and safety matters, including training.

In order to deliver training to fit with their drivers' requirements and without disrupting the service to clients, O'Donovan became a registered training centre. This enables delivery of training out of hours and on Saturdays. The managing director Jacqueline, is also now a qualified trainer delivering courses in-house.



Building a culture of cycle safety excellence

Mace Group



Mace is an international consultancy and construction company offering integrated services across the full property and infrastructure life cycle.

The safety of people is at the heart of what Mace does and the company is working to transform its approach to off-site construction logistics for the projects it delivers. Mace is proud to be part of the industry forum committed to improving road safety.

In line with the vision to develop a common industry standard that reduces risks posed by construction vehicles to vulnerable road users, Mace have implemented the following cycle safety measures:

- A robust review of project delivery arrangements such as routes to site, access arrangements, signage and barriers
- New FORS accreditation and registration requirements for suppliers delivering to Mace projects and new vehicle standards for fleet and

transport operators in line with the proposed industry standard

- Earlier planning actions for construction logistics for projects
- New auditing processes for projects and across the supply chain
- Engagement with clients and their people through cycle safety events
- New training and development events for Mace staff, particularly those who cycle to and from work

Mace has a long-standing commitment to improve project start up processes; the company believes that effective planning and strong leadership will help to influence positive behaviours that help to create a safety culture.

Mace will continue its work to reduce risks to cyclists by setting high safety standards across all our business activities, and promoting a culture of safety excellence.



Next steps and further information

5.1 Next steps

The *CLOCS Standard for construction logistics: Managing work related road risk (WRRR)* is a key step in improving the management of work related road risk by providing a common standard for use by UK authorities and construction logistics clients and operators.

The standard is supported by supplementary guidance that will assist organisations in implementing and ensuring compliance with the

requirements. Supplementary guidance has been produced in the same way as the requirements within this document - in close collaboration with construction industry organisations and associations.

The requirements within this document are to be kept under review in order to take into account collective feedback, new research findings and emerging practice in relation to managing work related road risk.



5.2 Further information

For further information visit www.clocs.org.uk

An electronic version of this document can be downloaded from the following link:

CLOCS Standard for construction logistics: Managing work related road risk (WRRR) 'A construction industry initiative to improve vulnerable road user safety'
<http://www.clocs.org.uk/standard-for-clocs/>

CLOCS Guides, Toolkits and associated forms can be downloaded from:
<http://www.clocs.org.uk/clocs-guides/>

- CLOCS Guide - Managing driver training and licensing
- CLOCS Guide - Managing work related road risk in contracts
- CLOCS Guide - Managing supplier compliance
- CLOCS Guide - Vehicle safety equipment
- CLOCS Toolkit - Managing collision reporting and analysis
- CLOCS Compliance Toolkit

Further useful information can be found in the following publications:

Construction logistics and cyclist safety - summary report
Transport Research Laboratory
http://www.trl.co.uk/online_store/reports_publications/trl_reports/cat_road_user_safety/report_construction_logistics_and_cyclist_safety_summary_report.htm

Construction logistics and cyclist safety - full technical report
Transport Research Laboratory
http://www.trl.co.uk/online_store/reports_publications/trl_reports/cat_road_user_safety/report_construction_logistics_and_cyclist_safety_technical_report.htm

Driving at work: Managing work-related road safety
Department for Transport / Health and Safety Executive
<http://www.hse.gov.uk/pubns/indg382.pdf>

Improving road safety through procurement
Transport for London
<http://www.clocs.org.uk/wp-content/uploads/2014/05/improving-road-safety-through-procurement.pdf>

Construction Logistics Plan Guidance for developers

Transport for London

<http://www.clocs.org.uk/wp-content/uploads/2014/05/construction-logistics-plan-guidance-for-developers.pdf>

Construction Logistics Plan Guidance for planners

Transport for London

<http://www.clocs.org.uk/wp-content/uploads/2014/05/construction-logistics-plan-guidance-for-planners.pdf>

Further information on the Fleet Operator Recognition Scheme (FORS) is available from

www.fors-online.org.uk

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