



TANYA ROBINSON

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Senior Consultant
Engineering, Safety & Technology

Tanya Robinson is a Senior Consultant in the Engineering and Technology Division at TRL, specialising in the fields of child safety in vehicles, testing and commercial vehicle safety. Holding a Master's degree in Mechanical Engineering, Tanya is a Chartered Engineer and a Member of the Institution of Mechanical Engineers.

Tanya has worked at TRL since 2001 carrying out research and testing for a range of vehicle safety related measures. She has spent time as a Test Engineer gaining extensive knowledge into the performance of child restraints, motorsport crash structures and wheelchair restraint systems. Tanya has also applied her testing knowledge to delivering specialist one-off tests and more in-depth testing for research programmes. Tanya has provided training to industry representatives for the equipment used to test child restraints and has a detailed understanding of the Type Approval requirements for child restraints.

Tanya has delivered training on the correct use of child restraints to road safety professionals. In 2017 she provided commentary for the BBC television programme Watchdog on the potential consequences of incorrect fitment of child restraints and she has provided opinion and joined in discussion relating to child restraint use for multiple radio and television broadcasts. She has led several research projects across child and vehicle safety, and has authored and co-authored numerous publications.

In her role as Manager of TRL's Child Safety Centre, Tanya has been responsible for delivery of child restraint testing programmes for product development and Type Approval, working with various child seat manufacturers, as well as market surveillance and due diligence.

Notable research and publications:

2016 *Definition of Direct Vision Standards for Heavy Goods Vehicles (HGVs)* Transport for London

2015 *Evaluating the effects of damage on performance of child restraint systems* TRL PPR754

2014 *Distribution of added mass for child dummies to represent non-standard sizes*, TRL

2014 *Safer Lorries in London: Identifying the casualties associated with side guard rails and mirror exemptions* TRL PPR683

2010 *Commercial vehicle safety priorities - ranking of future priorities in the UK. Based on detailed analysis of data from 2006-2008* TRL PPR486