



THE UNIVERSITY
of ADELAIDE



LONGSTANDING EXPERIENCE IN HEAVY VEHICLE CRASH INVESTIGATION

With over 40 years experience, the Centre for Automotive Safety Research (CASR) leads the way in conducting in-depth crash investigations involving heavy vehicles.

Since 2006 CASR has investigated 131 crashes involving heavy vehicles.

CASR undertakes investigations from a 'no-blame' perspective to inform policy and practice. CASR's highly trained investigation team consider all the factors that contribute to a crash occurring, rather than focusing on a single factor or party to blame. This objective method enables the team to identify solutions that can prevent crashes and/or mitigate the outcomes of a crash while providing the critical understanding necessary to implement a Safe System.

CASR's expertise related to heavy vehicle crash investigation include

- At scene evidence preservation and collection
- Crash scene photography
- 3D scanning of crash site
- 3D scanning of vehicle deformation
- Crash site diagram creation
- Vehicle examination
- Event data recorder downloading and interpretation
- Injury data collection, interpretation and abbreviated injury score coding
- Crash participant interviewing
- Crash reconstruction
- Data matching
- Database creation and entry
- Case review with identification of contributing factors and potential interventions



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