



## Master Code Workshop Mass, Dimension & Loading

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### Industry Codes of Practice under development

Master Registered Code of Practice (Fatigue)	Australian Logistics Council (ALC) and Australian Trucking Association (ATA)	Notice of Intention - Master Registered Code of Practice (Fatigue)
Master Registered Code of Practice (Mass, Dimension and Loading)	Australian Logistics Council (ALC) and Australian Trucking Association (ATA)	Notice of Intention - Master Registered Code of Practice (Mass, Dimension and Loading)
Master Registered Code of Practice (Speeding)	Australian Logistics Council (ALC) and Australian Trucking Association (ATA)	Notice of Intention - Master Registered Code of Practice (Speeding)
Master Registered Code of Practice (Vehicle Standards & Maintenance)	Australian Logistics Council (ALC) and Australian Trucking Association (ATA)	Notice of Intention - Master Registered Code of Practice (Vehicle Standards & Maintenance)

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### Mass, Dimension & Loading – What’s changed?

- Chapters 3 & 4 (vehicle standards and MDL provisions) of the HVNL has been largely unchanged,
- The Exception Being:
  - ‘Reasonable steps’ and ‘mistake of fact’ defences are removed in favour of requiring someone to have a ‘reasonable excuse’ to avoid a conviction

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### Mass, Dimension and Loading

- The task of this workshop is to determine:
  - What**
  - a) risks; and
  - b) control measures;
  - That Will**
  - c) assist a person or business *anywhere* within the chain of responsibility (as a driver, consignor, consignee, scheduler etc.) develop a customised risk management process to manage duties and responsibilities imposed under the Heavy Vehicle National Law in a manner compliant with AS 31000
- and that is all – the task is all about the best way that an industry participant can develop their own documented risk assessment process.

Build on Technical Writers’ Meeting August 2017


My role today is to facilitate our discussions (S.M.E.)

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### Guidance From Aaron Moeller – NHVR Snr Policy Advisor

*“For control methods, we want to focus on what needs to be fixed, not necessarily how to do it. The “how” level may appear as examples, but we want to make sure we don’t prescribe particular control methods that may make sense for one operation, but impossible or not reasonably practicable for another.”*

*“.....systems may include different procedures and features depending on the particular code adopter’s operations, but the adopter will have to have something to ensure the driver’s schedule won’t cause speeding [e.g.] (and the something should be reasonably practicable for their business).”*




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### Outcomes from the Technical Writers’ Meeting

Participant	Control Measure	Example
All Parties	<input type="checkbox"/> Mass, dimension and loading process <input type="checkbox"/> Mass, dimension and loading assurance procedures <input type="checkbox"/> System to manage safety and ensure compliance with all requirements of the law	<input type="checkbox"/> Policy and procedures such that all parties in the chain of responsibility understand their roles and responsibilities regarding their contribution to the safety of the transport activity <input type="checkbox"/> Training and awareness of mass, dimension and loading processes and assurance procedures regarding their contribution to the safety of the transport activity so as not to directly or indirectly cause the driver or another party in the chain to breach the law <input type="checkbox"/> Process to resolve issues relating to mass, dimension and loading requirements so problems are reported and rectified to prevent or reduce potential harm or loss (risks) by ensuring transport-related activities are safe and prevent breaches of the HVNL, manage risk and maintain a safe road environment




Participant	Control Measure	Example
Employer/ Prime Contractor/ Operator	Mass, dimension and loading process: <input type="checkbox"/> System to train all parties in the chain regarding their contribution to the safety of the transport activity (Employer and Operator)	<input type="checkbox"/> Terms of consignment, contracts and agreements do not contain rate structures or incentives or associated performance measures that may reward or encourage parties or the driver to breach mass, dimension and loading requirements directly or indirectly – e.g. overloading <input type="checkbox"/> <b>Process to schedule vehicles that have the capability, capacity and equipment to match the mass, dimension and loading requirements, including mass accreditation schemes and route permits</b> <input type="checkbox"/> Drivers are provided with accurate load weights and dimensions prior to or at the point of loading e.g. load plans, consignment notes, despatch documents, container weight declarations etc.
	Mass, dimension and loading assurance procedures: <input type="checkbox"/> System to ensure accuracy of the load weights <input type="checkbox"/> System to ensure compliance with applicable gross and axle weights <input type="checkbox"/> System to ensure the accuracy of load positioning <input type="checkbox"/> System to ensure loads are properly restrained	<input type="checkbox"/> <b>Process to measure load weights and compliance with gross and axle weights – e.g. access to weighbridge, on-board scales, cubic capacity, sampling program</b> <input type="checkbox"/> Accuracy of load positioning... (load plans) <input type="checkbox"/> <b>Process to ensure equipment used in the loading process, including load restraint, is fit for purpose, regularly inspected and maintained</b> <input type="checkbox"/> Process to maintain mass, dimension and loading requirements during pick-up and delivery of part loads and in transit i.e. compliance with axle weights and proper restraint <input type="checkbox"/> <b>Process to monitor mass, dimension and loading requirements is in place and reviewed regularly for both inbound and outbound loads – e.g. mass sampling program, load restraint inspections etc.</b>

Participant	Control Measure	Example
Scheduler	Mass, dimension and loading assurance procedures: <input type="checkbox"/> System to ensure schedules and routes will not cause the driver to breach the law	<input type="checkbox"/> Process to schedule the right truck with the right equipment for the right load to suit the mass, dimension and loading requirements <input type="checkbox"/> <b>Route (Journey) plans take into consideration mass and dimension requirements to ensure the route/infrastructure is suitable for the load and complies with any route permits as applicable</b>


  


  
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Participant	Control Measure	Example
Consignor / Consignee	Mass, dimension and loading process: <input type="checkbox"/> System to train all parties in the chain regarding their contribution to the safety of the transport activity	<input type="checkbox"/> Terms of consignment, contracts and agreements do not contain rate structures or incentives or associated performance measures that may reward or encourage the driver to breach mass, dimension and loading requirements directly or indirectly – e.g. overloading <input type="checkbox"/> <b>Employers/Operators/Drivers are provided with accurate load weights and dimensions prior to or at point of loading - load plans, consignment notes, despatch documents, container weight declarations etc.</b> <input type="checkbox"/> For sealed loads, Employers/Operators/Drivers are provided with load declarations – e.g. container weight declaration etc.
	Mass, dimension and loading assurance procedures: <input type="checkbox"/> System to ensure accuracy of the load weights <input type="checkbox"/> System to ensure compliance with applicable gross and axle weights <input type="checkbox"/> System to ensure the accuracy of load positioning <input type="checkbox"/> System to ensure loads are properly restrained (Consignors)	<input type="checkbox"/> <b>Process to measure load weights and compliance with gross and axle weights – e.g. access to weighbridge, on-board scales, cubic capacity, sampling program etc.</b> <input type="checkbox"/> Accuracy of load positioning... (load plans) <input type="checkbox"/> <b>Process to ensure equipment used in the loading process, including load restraint, is fit for purpose, regularly inspected and maintained</b> <input type="checkbox"/> Process to maintain mass, dimension and loading requirements during pick-up and delivery of part loads i.e. compliance with axle weights and appropriate restraint <input type="checkbox"/> <b>Process to monitor mass, dimension and loading requirements is in place and reviewed regularly for both inbound and outbound loads – e.g. mass sampling program, load restraint inspections etc.</b> <input type="checkbox"/> Process to make reasonable enquiries as to monitor the effectiveness of Employer/Contractor/Operator mass, dimension and loading management systems and adherence to these <input type="checkbox"/> <b>Process to develop and provide industry specific guidance on load positioning and restraint</b>

Participant	Control Measure	Example
Packer	Mass, dimension and loading assurance procedures: <input type="checkbox"/> System to ensure accuracy of the packaged good's weights including container weights <input type="checkbox"/> System to ensure the accuracy of itemisation /identification of packaged goods <input type="checkbox"/> System to ensure packaged goods are properly secured <input type="checkbox"/> System to ensure packaging remains operative and serviceable	<input type="checkbox"/> Drivers are provided with accurate load weights and dimensions at the point of loading e.g. consignment notes, despatch documents, container weight declarations etc. <input type="checkbox"/> <b>Process to ensure packaged goods, unitising and containment systems are capable of supporting the weight of the load, withstanding load movement forces described in the Performance Standards and robust enough to withstand handling (e.g. being handled by forklifts)</b>


  


  
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Participant	Control Measure	Example
Loading Manager / Loader / Unloader	Mass, dimension and loading assurance procedures: <input type="checkbox"/> System to ensure accuracy of the packaged good's weights including container weights <input type="checkbox"/> System to ensure compliance with applicable gross and axle weights <input type="checkbox"/> System to ensure the accuracy of load positioning <input type="checkbox"/> System to ensure loads are properly restrained	<input type="checkbox"/> Drivers are provided with accurate load weights and dimensions at the point of loading e.g. consignment notes, despatch documents, container weight declarations etc. <input type="checkbox"/> <b>Process to measure load weights and compliance with gross and axle weights – e.g. access to onsite or offsite weighbridge, on-board scales, cubic capacity, sampling program etc.</b> <input type="checkbox"/> Loads are suitably prepared to prevent breaches of the HVNL, manage risk and maintain a safe road environment – e.g. including livestock <input type="checkbox"/> <b>Accuracy of load positioning... (load plans)</b> <input type="checkbox"/> Process to maintain mass, dimension and loading requirements during pick-up and delivery of part loads i.e. compliance with axle weights and proper restraint <input type="checkbox"/> <b>As applicable, follow and provide industry specific guidance on load positioning and restraint to drivers</b>

Participant	Control Measure	Example
Executive Officers (of all parties)	Mass, dimension and loading process: <input type="checkbox"/> Ensure that a system to train all parties in the chain regarding their contribution to the safety of the transport activity is in place Mass, dimension and loading assurance procedures: <input type="checkbox"/> Ensure that a system to ensure accuracy of the load weights is in place <input type="checkbox"/> Ensure that a system to ensure compliance with applicable gross and axle weights is in place <input type="checkbox"/> Ensure that a system to ensure the accuracy of load positioning is in place <input type="checkbox"/> Ensure that a system to ensure loads are properly restrained is in place	<input type="checkbox"/> <b>Governance process that verifies the effectiveness of mass, dimension and loading assurance procedures</b>

**Technical references – Mass, Dimension & Loading**

- What ‘freely available’ technical references should be included in the Master Code?
  - Load Restraint Guide 2004



**Further Thoughts, Comments, Questions?**



- Please feel free to provide further comments to:  
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