

Mr Brian Pender  
Inquiry Secretary  
Standing Committee on Infrastructure, Transport and Cities  
Department of the House of Representatives

Dear Mr Pender

During the public hearing held in Sydney on Thursday 28 February 2019, two questions were taken on notice by myself and Mr Daniel Chidgey of Standards Australia.

I would be pleased if you would provide the below information to the Committee:

1. Electric vehicles

Regarding the sockets and consistency of outlets for the charging of these vehicles, Standards Australia's Technical Committee (EL-001) responsible for developing the content of the Wiring Rules standard (as/NZS 3000:2018, *Electrical installations*), has included advisory information to provide guidance for the installation and location of electric vehicle socket-outlets and charging stations, giving the industry direction for this new technology.

2. Semi-autonomous and autonomous vehicles

On the topic of international standards for semi-autonomous and autonomous vehicles, there are two initiatives underway:

- ISO/TC 22 *Road Vehicles* is one international standards development committee working on different kinds of autonomous vehicles. While Australia is not currently a member of this committee, Standards Australia is able and willing to work with stakeholders to join the committee if there is widespread support from across the industry.
- ISO 17757:2017, *Earth-moving machinery and mining – Autonomous and semi-autonomous machine system safety* has been developed by an international committee of which Standards Australia is an active participant. This standard seeks to increase safety for users and those engaging with autonomous mining vehicles.

If there is any additional information required by the committee, please don't hesitate to get back in touch.

Regards



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