



Development of a Best Practice Model for Safety Culture Management (R2.101)

Background

Three key drivers of safety within organisations are equipment, plant and infrastructure, safety systems, and the cultural environment. Cultural factors have been implicated as causal variables in most of the major rail accidents in Australia.

Objective

The broad aim of this project is to build a best practice model for safety culture management within the rail environment through the evaluation and development of safety cultural metrics and the development of new techniques for the dissemination of cultural information.

Outcomes

This project will provide a safety culture improvement road-map for any Australian rail organisation (regardless of the sophistication of their safety culture management) and, therefore, promote consistency and development of safety in rail across the industry. Importantly, the model and 'road-map' will allow for sufficient customisation to meet the individual requirements of each organisation.

Benefits

The best practice model and tools (components) of that model are potentially transferable across transportation modes. Improvements in this area have the potential to provide significant financial and practical benefits to the rail industry as a whole by minimising the risk associated with poor or sub-optimal safety cultures.

Project timeframe

1 March 2008 to 28 February 2011

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