

Regulatory Relations, Culture and Safety

規管關係、文化與安全

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Abstract

Australian railway safety works in a system of co-regulation. Maintaining good relations between the Rail Safety Regulator and railway operators is important in order to support an environment where continuous safety improvement can thrive. It is each operator's responsibility to operate their railway operations safely and this requires strong and effective leadership and the development of a positive safety culture company wide.

The safety regulators in each State in Australia work together through the Rail Safety Regulators' Panel (RSRP) to achieve consistent regulation across Australia. The Regulators have also required operators to be accredited with a safety management system (SMS) to manage safety risks before they can operate their railways. Until now the requirements of a SMS are defined in Australian Standard 4292. This standard was updated in 2006 to make SMS requirements more robust and to introduce requirements for continuous improvement of safety, human factors and a positive safety culture. While occurrence data showed rail safety performance had been improving under the previous SMS requirements these new requirements are needed to take the next step in sustaining ongoing improvement of safety in the rail operating environment. The Regulators have worked closely with the railway industry to develop tools to assist with them in implementation of these requirements. Three of these tools will be discussed in the presentation.

摘要

澳洲的鐵路安全建基於一套共同規管系統。為締造有利環境以不斷提升安全水平，鐵路安全規管機構(Rail Safety Regulator)與各鐵路公司保持良好關係非常重要。每間鐵路公司都有責任確保本身的鐵路服務營運安全，這需要強而有力和有效的領導，以及在公司上下培養正面的安全文化。

澳洲各省的安全規管機構聯合組成鐵路安全規管委員會(Rail Safety Regulators' Panel (RSRP))，以確保在全澳洲採取劃一的規管模式。規管機構亦要求鐵路公司在經營鐵路服務前，必須先為管理安全風險取得安全管理系統(安管系統)(safety management system (SMS))認證。安管系統的規定現時載述於「澳洲標準4292」(AS 4292)。有關當局曾於2006年修訂該標準，以令安管系統的規定更為嚴密周詳，並為不斷提升安全水平、人為因素及培養正面安全文化等引入新的規定。雖然事故數據顯示，在舊的安管系統規定下，鐵路安全已有改善，但新規定可讓我們更進一步，在現時的鐵路營運環境下，繼續不斷提升安全水平。規管機構與鐵路

業界一直緊密協作，研究各種方法協助業界落實安管系統的規定。本簡報會就其中三種方法作出論述。

Biography

- Bachelor of Architecture - Curtin University (1974, 1979)
- Registered Architect WA (1975)
- Master of Business Administration, University of Western Australia (1985)
- Fellow of the Australian Institute of Company Directors (from 1995)
- Member of the Royal Australian Institute of Architects (from 1975)
- National Councilor, Australian Quality Council (1990 - 2000)

Rob has held a number of senior executive positions in the Western Australian public service since 1989.

Since 1998 he has headed the Office of Rail Safety as the Government's railway safety regulator in Western Australia. He has undertaken many strategic and operational policy roles and made significant contributions to the development of railway safety management in Australia. This includes serving on and chairing various national committees to harmonise, reform and improve railway safety regulation and railway safety management.

Currently he is:

- Chair of the national Rail Safety Regulators' Panel in Australia
- Co-Chair of the national Rail Safety Consultative Group
- Chair of the Standards Australia Committee responsible for development of the Australian Standard AS4292 on rail safety management.

Rob was also National Councilor on the Australian Quality Council for ten years.

Internationally he has provided advice on implementing railway safety regulation arrangements and he plays a significant role in ensuring the ongoing success of the International Railway Safety Conference (IRSC).

He hosted the 2004 International Railway Safety Conference in Perth, Western Australia and is Secretariat for the IRSC Core Group which is responsible for strategic planning and direction of the conference.