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ACARP MATTERS

RISKGATE INTERFACES TO RISK MANAGEMENT PROCESSES

Two ACARP member companies have successfully integrated an online industry body of knowledge – RISKGATE® – into their own risk management processes and in-house software systems.

To see how easy it is to incorporate RISKGATE into Stature, watch this video: http://youtu.be/tdt55P9QHGQ

RISKGATE is a prompt driven, control based on line software tool designed to help mine personnel understand and control selected major incidents and connects them to information about event specific controls using bow-tie analysis (BTA). It can help them find gaps in their own controls based on systematic consideration of incidents, including their causes and consequences. Practical control focused information and checklists can be generated for use within current mine activities and systems. Any system that uses controls can be used in conjunction with RISKGATE.
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Developed from thousands of hours of mining professionals' input collected during a series of action workshops, RISKGATE can be used to conduct or develop risk assessments, audits, incident investigations and management systems.

Anglo American has used RISKGATE to assist in revising its global isolation standard and commissioned the development of an interface between RISKGATE and MS Excel – the software used in the review process. Centennial uses IHS' (formerly Dyadem) Stature risk management software to help manage its onsite risks, and commissioned IT specialists to develop an interface between Stature and RISKGATE. The Excel and Stature interfaces are now available to all RISKGATE users.

Mark Spinks, Principal Electrical Engineer, Metallurgical Coal business unit, Anglo American, said he had been a member of the coal industry team that had developed the RISKGATE isolation topic. He thought it would be useful for Anglo American to revise its global standard using RISKGATE as part of its regular review process.

“RISKGATE offered Anglo American a modern, independent take on managing isolation risk, based on a body of knowledge built using coal industry expertise,” he said.

“It wasn’t developed by people who knew Anglo American’s standards inside out or were overly familiar with them, so it was an independent, legitimate resource to work from, and it was up to us to accept or reject the various opportunities that were presented.”

Centennial’s Stature template was purpose built by Dyadem. It was originally based on WRAC, which is the most common risk assessment template used in the Australian mining industry, but it also incorporates FMEA and BTA.

Centennial Coal Chief Risk Officer John Hempenstall said developing an interface between RISKGATE and Stature made accessing current practice a seamless process.

“It means we are now able to quickly and efficiently incorporate the RISKGATE body

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of knowledge into our risk assessments, making the time consuming process of copying and pasting information redundant," he said.

Col Macdonald, Compliance Manager at Centennial's Springvale mine, said RISKGATE was easy to use and provided verification that site personnel had considered all the appropriate causes, consequences and controls of an initiating event.

The RISKGATE team at the Mineral Industry Safety and Health Centre (MISHC) at The University of Queensland is interested in collaborating with other mining houses to develop similar approaches for direct integration of the RISKGATE body of knowledge into their risk management processes.