



Coal Mining Safety and Health Advisory Committee

Forum details

Name	Gas and spontaneous combustion management in a longwall goaf—Lessons worth sharing	Date	Tuesday 11 November 2025
Location	Leichardt Room, Isaac Centre, Moranbah	Time	9.00 am to 4.30 pm
Chair	Ken Singer, Acting Commissioner for Resources Safety and Health		

Lessons worth sharing

A focus on the prediction, mitigation and management of spontaneous combustion in longwall second workings.

Matters to be covered

Longwall panel design, ventilation, gas management including pre and post gas drainage practices, managing oxygen in the goaf, representative gas monitoring and effective trigger level action response plans, emergency response, sealing and re-entry.

Agenda

Item #	Time	Item details	Speaker
1.	9.00 – 9.20 am	Introduction <ul style="list-style-type: none">Context and purpose (industry collaboration and sharing)Coal Mining Safety and Health Committee action plans and TARPGround rules	Ken Singer Acting Commissioner Resources Safety and Health
2.	9.20 – 10.15 am (incl. 10 min Q&A)	RSHQ <ul style="list-style-type: none">Learning and recommendations from RSHQ nature and cause investigationsRS24 Draft (Spontaneous combustion)	Jacques LeRoux Chief Inspector of Coal Mines
3.	10.15 – 10.45 am (incl. 5 min Q&A)	Kestrel <ul style="list-style-type: none">Mining context (e.g. longwall ventilation, gassiness, strata)Elements of second working SOP	Nathan Kidman Underground Mine Manager
4.	10.45 – 11.05	Morning tea + Remembrance Day 1 minute silence led by Ray Smith, General Manager – Operations, QMRS.	

Item #	Time	Item details	Speaker
5.	11.05 – 11.35 pm (incl. 5 min Q&A)	Oaky North <ul style="list-style-type: none"> ▪ Mining context ▪ Learnings and industry share 	Jason Fairweather Underground Mine Manager
6.	11.35 – 12.05 pm (incl. 5 min Q&A)	Centurian mine <ul style="list-style-type: none"> ▪ Mining context ▪ Learnings and industry share 	Michael Carter Vice President – Operational Support
7.	12.05 – 12.45 pm	Lunch	
8.	12.45 – 1.15 pm (incl. 5 min Q&A)	Broadmeadow <ul style="list-style-type: none"> ▪ Mining context ▪ Learnings and industry share 	David Caley Ventilation officer
9.	1.15 – 1.45 pm (incl. 5 min Q&A)	NSW Department of Natural Resources and Mines NSW guidance material	David Macpherson NSW Department of Primary Industries and Regional Development
10.	1.45 – 2.05 pm	B3 Mining Services <ul style="list-style-type: none"> ▪ Some operational perspectives on spontaneous combustion management of a longwall goaf ▪ Trigger action response plans 	Basil Beamish
11.	2.05 – 2.20 pm	Afternoon tea	
12.	2.20 – 2.40 pm (incl. 5 min Q&A)	Simtars <ul style="list-style-type: none"> ▪ Gas evolution testing for underground coal mines 	Shaun Muller Director Mine Safety Technology and Research Centre
13.	2.40 – 3.30 pm (incl. 5 min Q&A)	Queensland Mines Rescue Service <ul style="list-style-type: none"> ▪ Lessons in emergency mine sealing and re-entry 	Ray Smith General Manager - Operations
14.	3.30 – 4.15 pm (45 min)	Panel discussion <ul style="list-style-type: none"> ▪ Facilitator—Ken Singer 	
15.	4.15 – 4.30 pm	Summary <ul style="list-style-type: none"> ▪ Where to from here? 	Ken Singer Acting Commissioner Resources Safety and Health