MHSC

Mine Health and Safety Council

PROGRAMME

MINE HEALTH AND SAFETY (MHS) RESEARCH INDABA WORKSHOP

DATE: 29 October 2026 | **TIME:** 08:30 -16:00 | **VENUE:** Misty Hills Country Hotel, Muldersdrift

MINE HEALTH: COVERING FOCUS AREAS SUCH AS OCCUPATIONAL HYGIENE, MINE ENVIRONMENTAL CONTROL AND MEDICINE.

PROGRAMME DIRECTORS: DR TSHEPO SEDIBE AND MR BRIAN MONGOMA

TIME	ITEM	SPEAKER
08:30 – 09:00	Arrival, Tea and Registration	**Delegates**
09:00 – 09:05	Welcome and purpose of the workshop	**Mr. Fleckson Magweregwede** Centre of Excellence Manager, MHSC
09:05 – 09:10	Evacuation procedure	Hotel Representative
09:10 – 09:20	Health and Safety Performance Statistics	**Ms. Nthabiseng Gogela**
09:20 – 09:25	Lest We Forget (Moment of Silence for mineworkers that have lost their lives in the SAMI	**Ms. Lydia Morake - Organised Labour**
09:25 – 09:35	Human factors impacting Health and Safety in the SAMI	**Ms. Duduzile Mahlaba**
09:35 – 10:00	Guidance to the ideation sessions and expectations	**Mr. Silence Ngobeni** Research Determination Specialist
10:00 – 10:10	Questions and Answers Session	**All**
10:10 - 10:30	**Tea Break – Comfort Break**	**All**
10:30 – 10:45	Back problems after childbirth	**Jabulile Ngubane**
10:45 – 11:00	Occupational Medical practitioners appointed by mines do not have mining industry specific competency qualification	**Zizo Manishana-Sosibo**
11:00 – 11:15	Practical integration of artificial intelligence into mine health & safety management system	**Monique Botha**
11:15 – 11:30	Commonly overlooked occupational hazards and their contribution to chronic disease amongst former mine workers	**Daniel Ralefatane**
11:30 – 11:45	Development of an accredited framework & centralised database of occupational medical practitioners (OMP's)	**Dr Nothando Moyo**
11:45 – 12:00	AI-Enabled predictive occupational health surveillance: Developing a proactive occupational health intelligence system in South African Mining	**Dr Nothando Moyo**

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12:00 – 13:00	**Lunch**	**All**
13:00 – 13:15	The effects of prevention of food underground	**Bontle Sebesho**
13:15 – 13:30	Effectiveness of risk assessment to the prevention of health risks that may be deemed to be non-occupational	**Phyllis Manganye**
13:30 – 13:45	Determining the simultaneously (co-exposures) measurement of RCS and DPM on the same worker over the same shift	**Unathi Mabandla / Refilwe Motete**
13:45 – 14:00	Risk and challenges of underground airborne and depletion of virgin coal in South African mines	**Philemon Moshasho Pale**
14:00 – 14:15	Discussions on additional research topics, training requirements, and technology development opportunities.	**Delegates**
14:15 – 14:45	Feedback from the ideation session	**Ideation session facilitators**
14:45 – 15:00	Closing remarks	**Fatheela Brovko** Chief Research Operations Officer, MHSC

END OF RESEARCH INDABA AND DEPARTURE

VENUE:

Misty Hills Country Hotel 69 Drift Boulevard (R114) Muldersdrift, 1747, Gauteng