

Department of Mineral Resources

**NW Rustenburg TRIPARTITE
MEETING
23 SEPTEMBER 2020**



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PRESENTATION OUTLINE

1. SAFETY PERFORMANCE ANALYSIS PER COMMODITY
2. REGIONAL SAFETY PERFORMANCE ANALYSIS
3. NW(R) PROVISIONAL COVID-19 STATISTICS
4. COVID-19 CHALLENGES AND WAY FORWARD
5. OCCUPATIONAL HYGIENE CHALLENGES
6. MINE SAFETY CONCERNS
7. MINE EQUIPMENT CONCERNS
8. WAY FORWARD
9. CONCLUSION



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ANALYSIS PER COMMODITY

	Fatalities*		Injuries*		
	Actual		Actual		
	01/01/2019- 21/09/2019	01/01/2020 - 21/09/2020	01/01/2019- 21/09/2019	01/01/2020 - 21/09/2020	% change
Total	35	32	1834	997	-46
Gold	12	15	550	340	-38
Coal	3	9	168	61	-64
Platinum	15	7	885	450	-49
Other	5	1	231	146	-37

* Provisional figures



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REGIONAL ANALYSIS

Region	Fatalities*		Injuries*		
	Actual		Actual		
	01/01/2019- 21/09/2019	01/01/2020 - 21/09/2020	01/01/2019 - 21/09/2019	01/01/2020 - 21/09/2020	% Change
Total	35	32	1834	997	-46
Western Cape	0	0	10	9	-10
Northern Cape	1	1	71	45	-37
Free State	5	2	158	117	-26
Eastern Cape	0	0	1	3	200
KwaZulu/Natal	0	1	24	8	-67
Mpumalanga	3	9	163	63	-61
Limpopo	4	2	129	64	-50
Gauteng	6	11	293	181	-38
Klerksdorp	1	1	125	59	-53
Rustenburg	15	5	860	448	-48



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PROVISIONAL NW(R) COVID-19 STATISTICS

Total confirmed Covid-19 cases – 7505

Total number of deaths – 64

Major companies affected

- ❖ **Impala Platinum – 1807 & 16 deaths**
- ❖ **Sibanye Stillwater – 1615 & 20 deaths**
- ❖ **Anglo American – 1596 & 16 deaths**
- ❖ **Royal Bafokeng Platinum – 1013 & 3 deaths**
- ❖ **Siyanda Bakgatla Platinum – 764 & 4 deaths**



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COVID-19 CHALLENGES & WAY FORWARD

- ❖ Impala Platinum & Sibanye Stillwater most affected
 - ❖ Individuals with comorbidities – one or two comorbidities
 - ❖ Age factor – mostly 50 years & above
 - ❖ Lack of isolation facilities for small operations
 - ❖ Isolation facilities not meeting DoH standards
 - ❖ Non-compliance to CIOM guidelines
- Inadequate risk assessment & measures in terms of MCoP for
Mitigation of Covid-19 outbreak



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COVID-19 CHALLENGES & WAY FORWARD

- ❖ All to remain on high alert
- ❖ Possibility of second wave of Covid-19 pandemic
- ❖ Practice Covid-19 protocols – social distancing, wearing of a mask & sanitizing of hands frequently.
- ❖ Continuous support of those who are at high risk of contracting the virus (vulnerable employees)
- ❖ Regular review of risk assessment at the work place.
- ❖ On-going monitoring to assess effectiveness of control measures put in place.



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OCCUPATIONAL HYGIENE CONCERNS

Access of un-ventilated areas underground

- ❖ Possibility of accumulation of flammable & toxic gases
- ❖ Extreme temperatures - heat exhaustion & heat stroke
- ❖ Accumulation of water – drowning

Underground Fires

- ❖ No sealing of worked out areas
- ❖ Lack of inspections on fire fighting equipment
- ❖ Fire drills not done
- ❖ Beacon heads not located on strategic places



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MINE SAFETY CONCERNS & WAY FORWARD

Increase in FOG accidents

- ❖ Non-adherence to support standards
- ❖ Poor barring
- ❖ Lack of proper reaction to identified geological features

How to improve the status quo

- ❖ Strict adherence to support standards – all forms of support
- ❖ Frequent barring of working places – mid–shift barring
- ❖ Timeous reaction to service departments reports & identified features



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MINE EQUIPMENT CONCERNS & WAY FORWARD

RBE related accidents

- ❖ Locomotives guards taking unsafe positions
- ❖ Guards not leading operator at the curves
- ❖ Coupling performed at unsafe positions – Adoption of auto-coupling

Fires on TMM,s

- ❖ Poor maintenance on the machines
- ❖ Lack of mandatory procedures – eg. Testing of different brakes



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MINE EQUIPMENT CONCERNS

Winders

- ❖ Frequent reporting of non-casualties on winder incidents
- ❖ Ageing of steel structure
- ❖ Poor control of employees at shafts gates/turnstiles

Medium Voltage

- ❖ Appointees with no MV training

Ore-passes & tips

- ❖ Water accumulation in ore-passes – mud-rush
- ❖ Tip attendants not wearing safety equipment whilst working



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WAY FORWARD

- ❖ **Silly Season – Safety Campaigns**
- ❖ **Monitoring of compliance to mine standards & procedures by supervisors**
- ❖ **Elimination of culture of non-compliance in our work places**
- ❖ **Employees to exercise MHPA section 23 – If not safe stay out**
- ❖ **Supervisors to do proper over-inspections - Prioritize health & safety over production**
- ❖ **WIM committees – campaigns (Inherent mining challenges GBV issues)**
- ❖ **Collaboration of all stakeholders to ensure zero harm**



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THANK YOU



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