

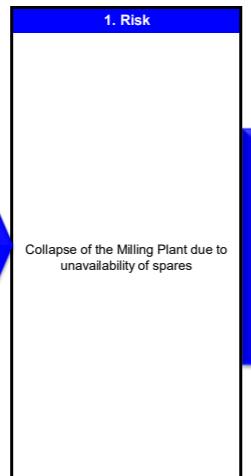


KUSILE POWER STATION
Integrated Risk Management Bow Tie Form

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Rev	2

Risk Assessment

2. Causes (of the risk)	
1	Delays in delivery of spares
2	No contract in place
3	Mishandling of goods during transportation and offloading
4	Poor preservation
5	Frequency of consumption of spares
6	Non-conforming / inferior quality of spares
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1. Risk

Collapse of the Milling Plant due to unavailability of spares

3. Consequences (of the risk, not of the causes)	
1	Mill extended downtime period
2	Increased UCLF / incurring load losses on the milling plant
3	Unavailability of units
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4. Existing Controls for the Causes (affecting the likelihood of the risk)	Control Effectiveness	Control Owner
1 Source spares locally	FE	Given Rikhotso
2 Urgent order purchasing	Effective	Given Rikhotso
3 Insurance compliance	FE	Precious More
4 Preservation procedure in place	Effective	Mbuyiselo Maengene
5 Maintenance strategy	FE	Mokwena Mokhabela
6 Quality Control Plan in place	FE	Mokwena Mokhabela
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5. Existing Controls for the Consequences	Control Effectiveness	Control Owner
1 Urgent order purchasing	Effective	Given Rikhotso
2 Urgent order purchasing	Effective	Given Rikhotso
3 Effective maintenance of the milling plant	FE	Given Rikhotso
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Risk Control Effectiveness	Consequence Factor	Likelihood Factor	Risk Rating	Potential Exposure	Risk Owner
ME	1	D	III	Departmental Impact	Thabo Twala

Consequence factor reasoning:

Tasks to improve control effectiveness (all controls not Fully Effective)	Task Owner	Task Owner Acceptance (Signature)	Due Date
1 Expedite contract placement	Nhlanhla Mthembu		2026-02-02
2 Awareness training	Mokwena Mokhabela		2026-03-31
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Tasks to improve control effectiveness	Task Owner	Task Owner Acceptance (Signature)	Due Date
1 Expedite contract placement	Nhlanhla Mthembu		2026-02-02
2			
3			
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New Treatment Tasks / Opportunities	Task Owner	Task Owner Acceptance (Signature)	Due Date
1			
2			
3			
4			
5			

New Treatment Tasks / Opportunities	Task Owner	Task Owner Acceptance (Signature)	Due Date
1			
2			
3			
4			
5			

DATE CAPTURED 2025/10/24

COMPILED BY:		
NAME	Mokwena Mokhabela	
DESIGNATION	Milling Plant System Engineer	
DATE	2025/10/24	
SIGNATURE		pp

ACCEPTED BY:		
NAME	Siyakudumisa Mtsweni	
DESIGNATION	Boiler Engineering Manager	
DATE	04/11/2025	
SIGNATURE		pp

PARTICIPANTS		
NAME	DESIGNATION	SIGNATURE
1 Sakhile Mazibuko	Snr Technical Supervisor	
2 Percy Masethe	Snr Adv Tech Sup	
3 Yonela Makhoba	Manager Contracts Management	
4 Elton Mangwato	Snr Adv Contracts Mngt	
5 Precious More	Snr Adv Contracts Mngt	
6 Doreen Mbatho	Snr Technical Supervisor	
7		
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APPROVED BY:		
NAME	Pululphelo Netshingolwe	
DESIGNATION	Engineering Manager (Acting)	
DATE		
SIGNATURE		

