



APPLICATION FOR EX POST FACTO-APPROVAL

Instructions for the completion of this application form

1. The Magalies Water's SCM Policy and Procurement Procedures are applicable and must be consulted.
2. This application must be accompanied by a completed form ST 87.1.
3. Applications must be signed by the senior manager or an equivalent rank.

APPLICATION:

Application is hereby made for ex post facto-approval in terms of Regulation 3(4) (give a description):

Indicate under which circumstances action was taken.

- **In case of emergency;**

Or

- **In case of best interest to Magalies Water;**

It is hereby certified that the action did not occur as a result of negligence or ignorance and it was taken both as a result of an emergency following **the breakdown of the chlorine dioxide generator at the raw water pump station on the 30th December 2024 which resulted in the interruption of pre-oxidation.** This action was taken with care and coincided with what is expected of a reasonable person and that no fruitless expenditure had been incurred.

Division: Water Services

Address : Magalies Water HQ

38 Heystek Street

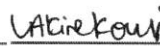
Rustenburg

Tel 014 597 4636

SIGNATURE (APPLICANT) _ 

NAME OF GM: Vhahangwele Akinwekomi

CAPACITY: Plant Manager Vaalkop

SIGNATURE GM: 

DATE: 18/03/2025

DATE 18/03/2025

ANNEXURE TO APPLICATION: CASES OF EMERGENCY

NB: This form must be completed and submitted under cover of a completed ST 87 in matters where action was taken in the case of emergency.

1. Full particulars of the circumstances which could not be foreseen

On 30 December 2024, a breakdown was experienced at the chlorine dioxide generator due to a power surge at the raw water pump station. The motive water pump was not able to operate due to the breakdown of the motor protection relay.

2. Outline the dangerous or perilous condition or misery or defect that occurred as a result of the state of emergency or could have resulted or damage that could have been incurred.

As a result, there was a stoppage in the pre-oxidation process at the raw water pump station. The raw water quality was extremely poor at the time of the breakdown and the pre-oxidation process is critical during such times to ensure the required quality and reliability of supply to consumers.

3. Indicate what was aimed at with the action in order to relieve, stem or to prevent the state of emergency.

The step was performed in order to restore the operation of the chlorine dioxide generator to ensure the treatment process functions optimally admit the challenging raw water conditions.

4. What was the actual result of the action with regard to the appointed goal?

The service provider repaired the chlorine dioxide generator and pre-oxidation of raw water was back in operation.

5. Furnish exact detail of time and time scales applicable at the time of action.

	WaterTechnovation
5.1 Date on which requirement became known:	30 th December 2024

6. What attempts were made to obtain prior authorisation from the Procurement Centre (If not, reasons must be furnished)

Procurement was informed telephonically requesting that a service provider be sourced to repair the chlorine dioxide generator.

7. Describe the manner of in which price quotations or tenders, placement of order as well as payment were handled.

The service provider was sourced by procurement with instructions to supply and install the

required spare part to repair the generator

8. **Which tender / contract conditions was applicable.**

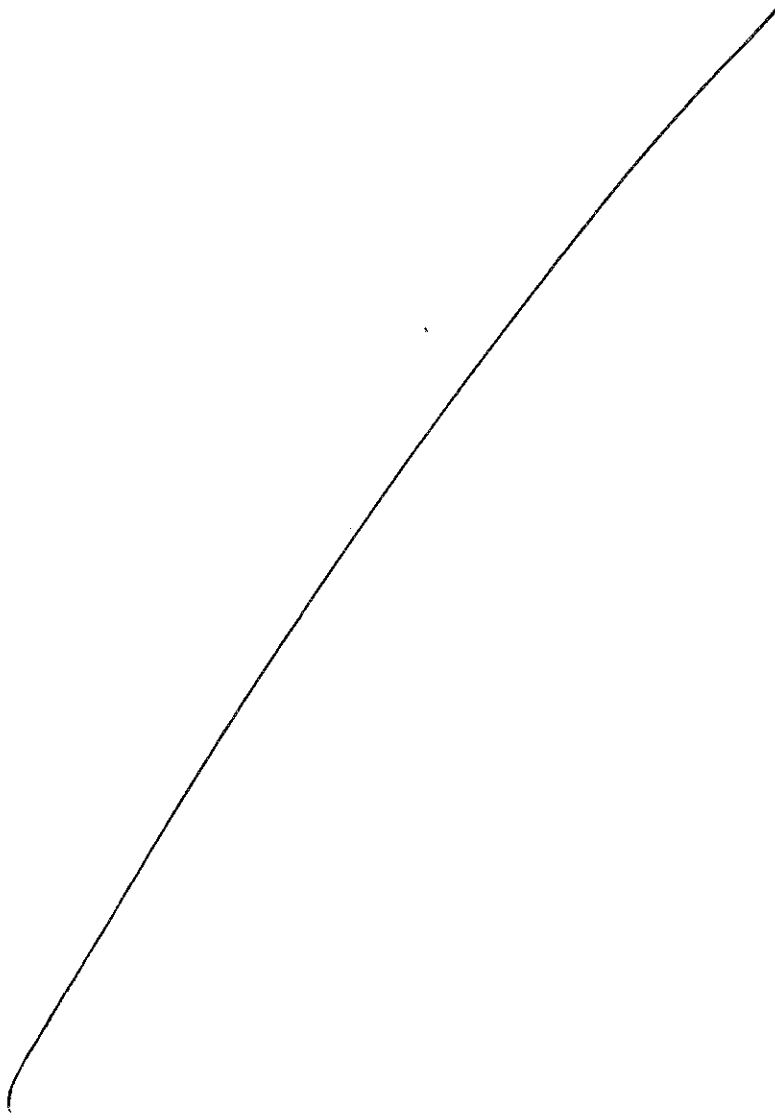
N/A

9. **Furnish a price analysis and comparison with normal price.**

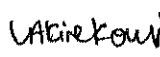
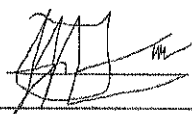
The total price including VAT for the repair of the unit amounts to R 32 677.25

10. **Indicate whether the application is arising from an Audit inquiry or not.**

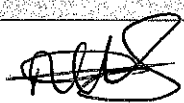
Not an audit



11. APPROVAL STATUS
RECOMMENDATION STATUS

	NAME	SIGNATURE	DATE
SUPPORTED / NOT SUPPORTED: BAC MEMBER	Sam Makhura		19 MARCH 2025
SUPPORTED / NOT SUPPORTED: BAC MEMBER	Kelebogile Mogamisi		
SUPPORTED / NOT SUPPORTED: BAC MEMBER	Teleni Ntabeni		
SUPPORTED / NOT SUPPORTED: BAC MEMBER	Vhahangwele Akinwekomi		19/03/2025
SUPPORTED / NOT SUPPORTED: BAC MEMBER	Tshiamo Mpane		19 March 2025
SUPPORTED / NOT SUPPORTED: BAC MEMBER	Matshidiso Tabane		

14. APPROVAL STATUS

	NAME	SIGNATURE	DATE
APPROVED / NOT APPROVED: CHIEF EXECUTIVE	Ofentse Nthutang		02/07/2025
Comment:			

SUBMISSION TO THE CHIEF EXECUTIVE

1. SUBJECT

Request for approval of the emergency work done to repair the chlorine dioxide generator at Vaalkop WTW.

2. PURPOSE

To request the Chief Executive for the ex post facto approval of the emergency work done to repair the chlorine dioxide generator at Vaalkop WTW.

3. BACKGROUND

The chlorine dioxide generator at Vaalkop WTW is used for the on-site generation of chlorine dioxide at raw water pump station. The chlorine dioxide is dosed as a pre-oxidant, primarily for the removal of organic matter such as algae and inorganic components such as iron and manganese. The chlorine dioxide generator experienced a breakdown on the evening of the 30th of December 2024, following a power surge at the raw water pump station. During this time, the dam level was critically low at around 23% and extremely poor raw water quality, high in organic matter was abstracted from the Vaalkop dam. The correct operation of the generator was critical at this time to have the required treatment options available for this type of raw water quality.

4. DISCUSSION

The generator PLC indicated a motive water pump error when the generator malfunctioned on the 30th December 2024. The production team resetted the error and tried restarting but without success. The electrical team was informed on the 31st December and they started with investigation. On Wednesday the 1st January 2025, the maintenance team advised that production should try to temporarily run the generator without the motive pump by bypassing the setting in the PLC, which requires the pump to be running before the rest of the components start up. The bypass was done on Thursday the 2nd of January, but the service water pressure was not enough to create the required vacuum to pull the chemicals into the system. On Friday the 3rd of January, the electrical team found that the soft starter which powers up the motive water pump, was found to be faulty. The Magalies Water SCM was informed of the required spare part on the Friday 3rd January and obtained a quotation from the OEM. SCM and advised that the service provider can do the required arrangements to obtain the spare part and do the installation as soon as possible. The OEM advised that due to the festive season, the spare part required would only be available on Monday the 6th of January. The service provider was able to source the required motor protection relay on Tuesday the 7th of January 2025 and performed the installation on the same day. After the installation was done, the equipment was put back in operation and pre-oxidation was restored.

5. ORGANISATIONAL IMPLICATIONS

Impact on the business process:

The unavailability of this critical asset impacted negatively on Magalies Water's ability to purify water to the required standard.

6. FINANCIAL IMPLICATIONS

Budget:

Funds are available in the operational budget to cover the cost of the repair.

The total price including VAT for the repair of the unit amounts to R 32 677.25.

7. LEGAL IMPLICATIONS

Given the urgency of the repair of this breakdown, it was not possible to follow the normal procurement route to get the repairs done.

8. COMMUNICATION IMPLICATIONS

8.1 Target audience/stakeholders

All relevant stakeholders were kept abreast of regarding any developments regarding this critical asset.

8.2 Timelines

The breakdown occurred on the 30th of December 2024 and the repair was completed on the 7th of January 2025.

8.3 Mode of communication

Hard copy.

9. OPTIONS/RISKS

9.1 Option 1

The submission for emergency work done to repair the chlorine dioxide generator at Vaalkop WTW should be approved by the CE.

9.2 Option 2

None

9.3 Risks of not approving/noting the item under 1

The risk of delaying or postponing this repair could have led to compromised water quality supply to communities or interruption of water supply.

10. DELEGATION

Chief Executive Officer

11. RECOMMENDATIONS

It is recommended that the CE approves this submission for emergency work done to repair the chlorine dioxide generator at Vaalkop WTW.

REQUESTED BY:

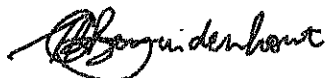


W.F. STYRDOM
VAALKOP WTW PLANT MANAGER

2025/03/12

DATE

SUPPORTED / NOT SUPPORTED



P.F. BEZUIDENHOUT
PRODUCTION MANAGER: WEST

2025/03/18

DATE

SUPPORTED / NOT SUPPORTED



S NGCOBO
REGIONAL MANAGER WEST

2025/03/18

DATE

SUPPORTED / NOT SUPPORTED

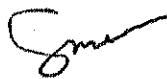


V. AKINWEKOMI
GM: WATER SERVICES

18/03/2025

DATE

SUPPORTED / NOT SUPPORTED



S. MBADAMANA
CHIEF OPERATIONS OFFICER ACTING

19/03/2025

DATE

SUPPORTED / NOT SUPPORTED



S. MAKURA
SUPPLY CHAIN MANAGER

19 MARCH 2025

DATE

SUPPORTED / NOT SUPPORTED

M. TABANE
CFO

DATE

RESOLUTION:

WITHDRAWN / DEFERRED / NOT APPROVED / APPROVED



O. NTHUTANG
ACTING CHIEF EXECUTIVE

02/07/2025
DATE



QUOTE

NUMBER: QUO0000394
REFERENCE:
DATE: 06/01/2025
DUE DATE: 05/02/2025
SALES REP:
OVERALL DISCOUNT %: 0.00%
PAGE: 1/1

FROM

**JC ABCO (PTY) LTD T/A WATER
TECHNOVATION**

VAT NO: 4490288158

POSTAL ADDRESS:

P.O. Box 71243
Bryanston
Sandton
2021

PHYSICAL ADDRESS:

Unit 13, Building 5
Riversands Outlet Park
Riversands Blvd
Knopjeslaagte
2156

TO

MAGALIES WATER

CUSTOMER VAT NO: 4930111143

POSTAL ADDRESS:

Private Bag X82327
Rustenburg
0300

PHYSICAL ADDRESS:

Magalies Water
Bloemhof Water Purification

Description	Quantity	Excl. Price	Disc %	VAT %	Excl. Total	Incl. Total
Gen Sales - MG II - Motor Protection Relay	1	R 19,665.00	0.00%	15.00%	R 19,665.00	R 22,614.75
GEN - Travel and Installation	1	R 8,750.00	0.00%	15.00%	R 8,750.00	R 10,062.50

CSD Supplier Number: MAAA0174848
Banking Details:
JC ABco (Pty) Ltd t/a Water Technovation
First National Bank
Cheque Account : 62827661845
Branch Code: 1036

Total Discount: R 0.00
Total Exclusive: R 28,415.00
Total VAT: R 4,262.25
Sub Total: R 32,677.25

Grand Total: R 32,677.25

BALANCE DUE

R 32,677.25