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1. PREMEABLE

To establish a procedure that will assist in ensuring that all environmental accidents, incidents and emergency situations are addressed in an efficient manner to minimise the potential impact on the environment.


In addition, the implementation of the procedure will facilitate compliance with Section 30 of the National Environmental Management, 1998 (Act No. 107 of 1998) (NEMA) which addresses control of emergency incidents. The procedure further facilitates compliance with Condition 2.3 of the Waste Management Licence No. 12/9/11/L261/6 issued in terms of Section 49 of the National Environmental Management, 2008 (Act No. 59 of 2008) as amended.

1.1 Reference Documents

- 1.1.1 4.1.1 - Environmental Management System Manual
- 1.1.2 PP03 D1 - Control of Documents
- 1.1.3 EPR01 - Emergency Preparedness Response
- 1.1.4 PP 14B - Primary Procedure for Emergency Preparedness and Response
- 1.1.5 PP02 - Control of Records

2. PURPOSE

The purpose of the procedure is to describe the preparedness and response plan for potential environmental accident, incidents and emergency situations that might have a significant impact on the receiving environment, human and health and are likely to destroy property and pollution and degradation of the environment.

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3. SCOPE

- 3.1 The procedure applies to all Transalloys (Pty) Ltd operations, activities and processes for which potential accidents and emergency situation might arise.
- 3.2 The procedure is further applicable to workshop areas where significant volumes of hazardous chemicals and fuels are stored, transportation thereof on site and public roads, water containment facilities, slimes dams, waste disposal and containment facilities and transportation of chemicals and are included in the scope.
- 3.3 The procedure is to be read and implemented together with the Emergency Preparedness Response (EPR 01) and the Primary Procedure for Emergency Preparedness and Response (PP 14B).
- 3.4 The procedures for preventing and mitigating the following identified emergency situations are described:
- Natural disasters,
 - Veld fires and explosions;
 - Heavy rainstorms (floods) and other associated unexpected weather conditions;
 - Spillages (en route and on site);
 - Major leakages and overflows
 - Dams failures and overflows
 - Accidents as a result of equipment failure;
 - Emissions as a result of breakdowns.

4. RESPONSIBILITIES

4.1 Environmental Superintendent

The Environmental Superintendent is responsible for annual review of the environmental procedure, including reviewing the suitability and effectiveness of the

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emergency procedures after each accident or emergency situation and provides an advisory role to the organisation and relevant business units.

4.2 Departmental Manager

4.2.1 The Departmental Manager ensures that the Emergency Response Plan is prepared and implemented to minimise the likelihood of accidents and emergency situations. It is the role of the Manager to ensure that all staff and contractors who work on site and within his area of responsibility are aware of and familiar with the requirements of the emergency procedures.

4.2.2 The Departmental Manager shall arrange appropriate drills at various departments or areas of responsibility and ensure that the requirements of the emergency procedures are communicated to all staff and are implemented.


4.2.3 In case of emergency situations at the facility, the Manager shall be informed and review the accident reports and remediation works taken by the responsible staff members.

4.3 Emergency team

4.3.1 In the event that an emergency incident occur, the Emergency Team and Emergency Coordinators are responsible for the execution of the appropriate emergency procedures as advised by the Environmental Superintendent and or the Departmental Manager.

4.4 Employees and Contractors

4.4.1 All staff and contractors shall be familiar with the emergency procedures and follow them in case of an environmental accidents or emergency situations and report incidents to the Environmental Superintendent.

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4.5 Reporting to Authorities

4.5.1 Start-up, maintenance, shutdown and breakdown conditions exceeding 48 hours shall be reported to the Environmental Superintendent who is responsible for reporting the incident to authorities in terms of Section 30 of NEMA, 1998.

4.5.1 The Environmental Superintendent shall inform the Provincial Environment Department, the eMalahleni Local Municipality, South African Police Services

5. PROCEDURE

5.1. The environmental preparedness procedure outline steps to be followed in the event of a major environmental incident.

5.1.1 The Environmental Superintendent, the SHE Committee, and Departmental Managers shall identify dangers, risks and take proactive steps to prevent emergency incidents, and complete tasks in preparation for emergencies.


5.1.2 The Environmental Superintendent shall coordinate the preparation and maintenance of an Emergency Response Plan that contains all emergency procedures and ensures that each Departmental Manager prepares or conduct an Environmental Emergency Simulation

5.1.3 The Environmental Superintendent shall ensure the Departmental Managers prepare an Emergency Response Plan relevant to their processes and activities.

5.1.4 The Departmental Managers shall familiarise and train their staff and Emergency Team members on the procedures described in the Emergency Response Plan. This shall be accomplished in accordance with the Transalloys (Pty) Ltd Training Procedure.

5.1.5 The Departmental Manager and involved staff shall identify the root causes and any preventive actions, and report the accident by completing an Accident Report form attached as Appendix A after each accident or emergency situation and submit the completed form to the Environmental Superintendent for review.

5.1.6 The Departmental Manager shall ensure emergency drill (environmental) and

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periodic testing of the procedures is conducted where practical and maintains the emergency drill summary report attached as Annexure B for the Environmental Superintendent to review.

5.1.7 The Environmental Superintendent, together with Departmental Managers shall review the suitability, adequacy and effectiveness of the emergency plan after each accident or emergency situation simulation and revise the emergency plan as necessary.


5.1.8 The Environmental Superintendent shall maintain documentation on emergency response and preparedness, and emergency incidents for a period of at least 3 years.

EMERGENCIES TELEPHONE NUMBERS


Office	Contact Person	Telephone	Email
Transalloys (Pty) Ltd			
SHEQ: Environment P. O Box 856 eMalahleni 1035	E. Monyemoratho	013 693 8078 (T) 072 697 5957 (C)	ephraimm@transalloys.co.za
SHEQ Officer	P. Masike:	013 693 8022 (T) 082 688 5090 (C) Speed Dial: 6397	percivalm@transalloys.co.za
Safety, Health, Quality	Deon Nel	013 693 8157 (T) 082 499 8402 (C) Speed Dial: 6902	deonn@transalloys.co.za
Complaints/incidents	E. Monyemoratho	013 693 8028 (T)	ephraimm@transalloys.co.za

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Office	Contact Person	Telephone	Email
Department of Water Affairs and Sanitation			
Bronkhorstspuit Private Bag X 10580 Bronkhorstspuit 1020	A. Rambuda	013 932 2061 (T) 086 511 8653 (F) 060 501 6923 (C)	RambudhaA@dws.gov.za
Nelspruit Private Bag X 11259 NELSPRUIT 1200	M. Matiso	013 759 7330 (T) 013 759 7525 (F) 083 583 1155 (C)	MatisoM@dwa.gov.za
Head Office: Pretoria Private Bag X Pretoria 0002	P. Ramunenyiwa	012 336 7500 (T) 012 326 3348 (F) 0800 200 200 (T)	Ramunenyiwa@dwa.gov.za
Department of Environmental Affairs			
Witbank P/Bag X 11219 NELSPRUIT 1200	D. Tswai	013 692 7934 (T) 013 692 5843 (T) 013 692 6300 (T)	dtswai@mpg.gov.za
Nelspruit P/Bag X 11219 NELSPRUIT 1200	P. Ntuli	013 766 4004 (T) 013 766 4641 (F) 085 520 3680 (C)	pntuli@mpg.gov.za
Head Office: Pretoria Private Bag X 447 Pretoria 0001	B. Dlamini	0 12 339 9778 (T) 012 339 3625 (F) 086 111 2468 (T)	brdlamini@environment.gov.za
eMalahleni Local Municipality			
Witbank P.O Box 3 eMalahleni 1035	N.E Mthombeni	013 690 6448 (T) 013 690 6202 (F) 072 143 4143 (C)	mbamayioNP@emalahleni.gov.za

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Office	Contact Person	Telephone	Email
South African Police Services			
Witbank Police	Community Services	013 655 5000 (T)	
Vosman Police		013 659 8400 (T)	
Lynnville Police		013 699 1136 (T)	
Other Services			
Langamed	Emergency Service	072 344 6057 (C) Speed Dial: 6215	ta_medicals@transalloys.co.za
Clinic	Sis. Sue Almond	013 693 8125 (T)	
Doctor	Dr. Maseko	0827665089 (C)	

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**ENVIRONMENTAL
ACCIDENT REPORT**

Date of the Accident		Time	
Location			
Type of Accident		Resource(s) Affected	
Detailed Description			
Responses / Corrective Actions			
Possible Causes			
Recommended Preventative Measures			

Submitted by		Designation	
Signature		Date	
Responsible Person		Designation	
Reviewer		Date	
Reportable incident	Yes	No	Not Applicable
Recorded in Register	Yes		
Authorities Notified	Yes		
Investigated	Yes		
Closed	Yes		

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ENVIRONMENTAL EMERGENCY SIMULATION DRILL REPORT

Date of Simulation		Starting Time	
		Completion Time	
Section/Department			
Type of Drill	Fires	Spillages	Emissions
			Dam failure
			Accidents
Number and Names of Participants (Name List Attached)			
Participation Rate			
Name of the Emergency Coordinator			
General Observations, Learning Points and Opportunities for Improvement and Recommendations			
Action Plan			

Compiled by		Designation	
Signature		Date	
Responsible Manager		Designation	
Signature		Date	
Reviewer		Date	
Signature		Date	