

Risk Management Plan



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

RISK MANAGEMENT PLAN IN TERMS OF REGULATION 10 OF WASTE EXCLUSION REGULATIONS

APPLICANT	Cato Ridge Alloys (Pty) Ltd
SOURCE (S) OF WASTE	Manganese production.
WASTE TO BE BENEFICIATED	Manganese containing metallurgical slag.
BENEFICIAL USE/S	Export to India, Japan and Malaysia for production of silico-manganese.
MSDS ATTACHED IF HAZARDOUS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <u>Not hazardous</u> but a Safety Data Sheet is attached.
WASTE GENERATING FACILITY	Cato Ridge Alloys (Pty) Ltd manganese production plant
PHYSICAL ADDRESS	Assmang Cato Ridge Works 1 Eddie Hagen Drive, Cato Ridge Camperdown Rural, 3680
GPS CO-ORDINATES OF WASTE GENERATING	- The site lies with a centre point at 29°42'51.74" Latitude; 30°36'51.08" 30°36'54.62" Longitude. Corner 1 of waste generating site: 29°42'17.73" Latitude; 30°36'54.47" Longitude.

Corner 2 of waste generating site:
29°42'22.59" Latitude; 30°37'6.44" Longitude.

Corner 3 of waste generating site:
29°43'17.72" Latitude; 30°36'47.12" Longitude.

Corner 4 of waste generating site:
29°43'17.88" Latitude; 30°36'26.30" Longitude

FACILITY (EG. 60° 29' 30" Latitude; 34° 20' 15" Longitude)			
POSTAL ADDRESS	PO Box 21		
	Cato Ridge, 3680		
	South Africa		
CONTACT PERSON	Mr. Paul Botha		
TELEPHONE	031 782 5123	CELL:	082 925 5344
	paulb@feralloys.co.za	FAX:	086 632 5182
EMAIL			

RISK MANAGEMENT PLAN

Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to carry out the action)
<p>Handling of slag at point of generation.</p>	<p>Accidental spillage into the environment while loading/offloading slag</p>	<ul style="list-style-type: none"> • Sweep and scoop spilled slag into containers with appropriate equipment. • Protective gloves should be worn when handling the slag. • Safety glasses or goggles should be worn when removing spills. • Overalls and protective shoes should be worn when removing spills. 	<ul style="list-style-type: none"> • Operator
<p>Potential for slag to emit dust during loading/offloading</p>	<p>Potential for slag to emit dust during loading/offloading</p>	<ul style="list-style-type: none"> • Take precautions to minimise dust formation by wetting the slag when necessary. • Protective gloves, protective clothing and eye protection to be worn when handling slag and spills 	<ul style="list-style-type: none"> • Operator

	<p>Potential for irritation of slag dust to the human skin and eyes while handling</p>	<ul style="list-style-type: none"> • Wear protective gloves, protective clothing and eye protection. • Wash hands thoroughly after handling. • Take precautions to minimise dust formation by wetting the slag when necessary. 	<ul style="list-style-type: none"> • Operator
<p>Transportation to harbour</p>	<p>Potential for slag to become air-borne during transportation</p>	<ul style="list-style-type: none"> • Truck loaded correctly with no overfilling. • Make use of tarpaulin over slag during transportation. 	<ul style="list-style-type: none"> • Transporter
	<p>Accidental spillage into the environment while transporting slag</p>	<ul style="list-style-type: none"> • Slag transported by permitted waste transport company. • Truck loaded correctly with no overfilling. • Slag covered by tarpaulin. • Sweep and scoop spilled slag into containers with appropriate equipment. • Protective gloves should be worn when handling the slag. • Safety glasses or goggles should be worn when removing spills. • Overalls and protective shoes should be worn when removing spills. • Copy of SDS should be kept in the vehicle. 	<ul style="list-style-type: none"> • Transporter

	Vehicle accident	<ul style="list-style-type: none"> • All drivers to have a valid driving licence. • No drivers to drive more than a total of 8 hours in one trip to prevent fatigue. • Drivers to stop every two hours to take a short break. • Vehicles to be licenced and to have passed all safety checks. • Safety check to be conducted before slag is transported. • Copy of SDS should be kept in the vehicle. 	<ul style="list-style-type: none"> • Transporter
Storage at harbour and loading	Accidental spillage into the environment	<ul style="list-style-type: none"> • Sweep and scoop spilled slag into containers with appropriate equipment. • Protective gloves should be worn when handling the slag. • Safety glasses or goggles should be worn when removing spills. • Overalls and protective shoes should be worn when removing spills. • Storage area to be cleaned after ship has been loaded. Collected spillages to be taken back to Cato Ridge Alloys. 	<ul style="list-style-type: none"> • Operator
Transportation overseas via cargo ship	Accidental spillage into environment	<ul style="list-style-type: none"> • Spillage to be reported to responsible authorities. 	<ul style="list-style-type: none"> • Transporter

DECLARATION

I, PAUL BOTHA hereby declare that I have read the completed a Risk Management form and hereby confirm that the information is to the best of my knowledge true and correct.

Furthermore, I declare that I am fully aware of my responsibilities in terms of the Waste Exclusion Regulations, and that failure to comply with these Regulations may constitute an offence in terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008).

Applicant (Full names) PAUL BOTHA
Designation General Works Manager
Signature [Signature]
Date 15/8/2019 Place CATO RIDGE

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Date Received				
Decision Taken	Authorised		Not authorised (provide reason)	
Reference Number				