



environmental affairs

**Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA**

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

APPLICANT	Mpact Operations (Pty) Limited Paper, Springs Mill		
SOURCE(S) OF WASTE	Ash from combustion process		
WASTE TO BE BENEFICIATED	Boiler ash		
BENEFICIAL USE/S	Brick manufacture		
MSDS ATTACHED IF HAZARDOUS	YES	NO	
		X	
WASTE GENERATING FACILITY	Mpact Springs Mill		
PHYSICAL ADDRESS	82 – 84 Steel Road, Springs, New Era		

13-09-2012 Tsakani

GPS CO-ORDINATES OF WASTE GENERATING FACILITY (e.g. 60° 29' 30" Latitude; 34° 20' 15" Longitude)	Latitude: 26° 15' 34.60"S Longitude: 28° 24' 7.36"E		
POSTAL ADDRESS	PO Box 608, Springs, New Era, 1559		
CONTACT PERSON	Yadhna Bhugwandeem		
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RISK MANAGEMENT PLAN

Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to do it)
Storage	Accidental spillage into the environment	<p>Ash offloaded in the demarcated storage areas</p> <p>Storage area bunded with hardstanding floor with leachate containment</p> <p>Accidental spills cleaned up immediately</p> <p>Quarterly inspections of storage area to check integrity of the structure</p>	Generator Receiving site
	Leachate from stockpiled material during rainfall	<p>Storage area bunded with hardstanding floor with leachate containment</p> <p>Leachate separated from stormwater</p> <p>Dirty water appropriately disposed of</p> <p>Storage area audited quarterly to check integrity of the structure</p>	Generator Receiving site

Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to do it)
	Windblown ash	Top layer of stockpiled ash to be kept moist Stockpile to be managed to reduce standing time	Generator Receiving site
Transportation	Air borne ash	Truck correctly loaded with no overfilling and covered	Generator
	Accidental spillage into the environment	Truck correctly loaded and covered	Generator
		Accidental spills cleaned up immediately	Generator Receiving site
		Ash transported by permitted waste transport company	Generator
Manufacturing	Windblown ash	Top layer of stockpiled ash to be kept moist	Receiving site
	Dust generation due to mixing process	MSDS provided to the Receiving site who is trained on safety requirements	Generator
		Receiving sites implement safety requirements of MSDS to minimise workers exposure to dust	Receiving site
	Spillage during mixing process	Mixing occurs within a formal, bunded area with hardstanding floor and leachate containment Accidental spills cleaned up immediately	Receiving site
Use as landfill cover material	Leachate generation during rainfall	Landfill cells lined in accordance with the minimum requirements for a GMB+ liner to prevent seepage into the groundwater Leachate run-off collected in containment facilities for treatment Leachate separated from	Receiving site

Activity	Risk Description	Action(s) to minimise/ manage the risk	Responsibility (Who is responsible to do it)
		stormwater	

DECLARATION

I, HOWARD ROBERT EMMETT hereby declare that I have read the completed 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 name) HOWARD ROBERT EMMETT
 Designation SPRINGS MILK MANAGER

Signature 
 Date 04 SEPTEMBER 2018 Place SPRINGS

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