



MATLA | COAL

ENVIRONMENTAL PROCEDURE

WASTE MANAGEMENT

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SCOPE:

To provide a procedure that specifies a waste management program to handle, contain, control and dispose of waste generated from activities, products, services and facilities at Matla Coal to prevent pollution of the workplace and the environment.

APPLICABILITY:

Matla Coal

PROCEDURAL DOCUMENTS: See end of this document.

Risk and Environmental Management Information on Waste Handling

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NO.	DESCRIPTION	RESPONSIBILITY
1.	PURPOSE AND SCOPE	
	An essential part of an Environmental Management Plan is the development and implementation of a Waste Management Plan to identify, classify, store and dispose of hazardous, non-hazardous and Medical wastes generated.	
2.	RESPONSIBILITY	
	It is the responsibility of management, employees, contractors and visitors to Matla Coal, to ensure that waste is kept to a minimum and the environment is not polluted or contaminated. Attention will be given to the requirements as laid down in the National Environment Management Act (Act 107 of 1998), Chapter 1 section 2 sub section (4) (a) (iv-viii).	All
3.	DEFINITION/REFERENCE	
3.1	<p>Waste is as specified in Section 20, ECA 1998 (Act No 73 of 1989). Waste will include waste that: ECA Reg 1986</p> <p>(a) minimum requirements for Waste Disposal by Landfill</p> <p>(b) is discarded by any person; or</p> <p>(c) is accumulated and stored by any person with the purpose of eventually discarding it with or without prior treatment connected with the discarding thereof; or</p> <p>(d) is stored by any person with the purpose of recycling, re-using or extracting a usable product from such matter.</p> <p><u>Waste</u> means any matter, whether gaseous, liquid or solid or any combination thereof, which is from time to time designated by the Minister by notice in the Gazette as an undesirable or superfluous by-product, omission residue or remainder of any processor activity.</p>	
3.2	Non Hazardous waste disposal will only be disposed of at a designated and permitted site (NEMA, 1998 (Act 107 of 1998), for the disposal of Non Hazardous waste that is not reused, composted or recycled.	
	Minimum Requirements for Waste Disposal by Landfill. Minimum Requirements for the Handling and Disposal of Hazardous Waste Minimum Requirements for Monitoring at Waste Management Facilities Minerals Act (Act 50 of 1991) Regulation 5.131, 5.13.4 & 12.1	

	<p>Environmental Conservation Act (act 73 of 1998) Sections 19, 19(A), 20, 24 & 24 (A) Government Notice R1986 of 24/08/90 R1064 of 30/09/94 R287 of 20/02/76 R15428 of 21/10/94 Health Act (Act No. 63 of 1977) Section 38 National Water Act (Act 36 of 1998) Section 21 (g) Constitution of Republic of South Africa (Act 36 of 1998) Section 8 (2), 23, 24(A), 24(B), 32 & 38 National Environment Management Act (Act 107 of 1998) Section 1 (xxiv) (c), 2(4)(A)(iv-viii), 28, 29, 31(1)(A) & 31(1)(B). Hazardous Substances Act (Act 15 of 1973) Section 2, 3, 3(A) & 21</p>	
	<p>Government Notice R2777 G.G.9533 of 21/12/84 R1382 G.G.15907 of 12/8/93 R1302 G.G.13299 of 14/6/91 R690 G.G.11823 of 14/4/89 R246 G.G.14596 of 26/2/93 R247 G.G. 14596 of 26/2/93 R453 25/3/77 Section 10 Mine Health and Safety (Act 27 of 1996) Sections 5 and 21 Occupational Health and Safety Act (Act 85 of 1993) Section 7, 9, 10, 13, 37 & 43 Government Notice: R773 of 10/04/87 regulation 17 R745 of 10/04/87 R1449 of 06/09/96 R1847 of 16/09/88 R1179 of 25/08/95 R18608 of 16/01/98 Fertilizers, Farm feeds, Agricultural remedies and Stock remedies Act No. 36 of 1947 as amended. White paper on environmental Policy for South Africa Gn749 of May 1998 Convention on the control of transboundary movement of hazardous waste and their disposal 22.03.1989. (BASIL SWITZERLAND) – BASIL CONVENTION</p>	
4.	PROCEDURE	
4.1	General	
	<p>All employees and contractors at/to MATLA COAL must:</p> <ul style="list-style-type: none"> Adherence to the relevant safety and health codes of practices in the work place, in respect to waste handling and disposal. 	All

	<ul style="list-style-type: none"> Take reasonable care to protect his/her health and safety and the health and safety of his/her fellow employees and also use and take proper care of protective clothing and other health and safety equipment that is provided for the protection against the identified risks. 	
	MATLA COAL has an obligation to adhere to all environmental legislation and has implemented a waste management system to manage all waste streams to reduce the environmental impact thereof.	All
	<ul style="list-style-type: none"> Safe Disposal Certificates forms part of the management of hazardous waste streams to ensure that the hazardous waste has been disposed of correctly. 	
	<ul style="list-style-type: none"> An emergency procedure must form part of the action plan on spillages of the hazardous waste streams. Such incidents must be reported and dealt with immediately. 	
	<ul style="list-style-type: none"> The movement of hazardous waste must be traceable at all times and documentation is to be kept for a minimum period of 3 (three) years. 	
	<ul style="list-style-type: none"> Formal audits on all landfill sites must be conducted on a 6 (six) monthly basis. 	
	<ul style="list-style-type: none"> An effective system to be implemented and kept in place to measure quantities generated and disposed of. 	Environmental Department. Waste Management Contractor.
4.2	Waste Management Approach	
4.2.1	To ensure the effectiveness of waste management, it is essential that waste is separated at source according to Matla coal waste stream classification (Annexure A): <ol style="list-style-type: none"> Hazardous waste – BLACK General waste – GREEN/WHITE Toxins – BLUE Medical – RED Expired Medical Waste – Green Used Needles - Yellow 	
4.2.2	The waste segregation requirements as defined above and in Annexure A, is also applicable to underground, and waste from underground must be separated from steel scraps and any other iron and steel material and be brought to surface (demarcated areas) on a regular frequency to prevent accumulation. Waste from underground should be treated as hazardous waste since it is either oil or coal contaminated.	
4.2.3	After separation, waste is stored in designated areas where pollution from waste is minimised.	Waste management contractor. Environmental

		Department.
4.2.4	To minimise disposal, waste products are re-used or recycled as far as reasonably practical. Sorting of waste from all areas must be done at a central point to enable reduction in waste disposal.	Waste management contractor. Environmental Department.
4.2.5	A contractor removes all waste from site for safe disposal. All waste collected from the Mine must have gate passes from Security. The gate pass will indicate the type of waste collected, registration number of a vehicle and a driver's name and signature. Gate pass must have Security personnel and Environmental personnel's signature.	
4.2.6	Documentation of the safe disposal of all waste and supporting report is submitted to the Environmental department record keeping.	
4.3	Hazardous Waste	
	Liquids Definition: The following Waste matter is included: <ul style="list-style-type: none"> • Used machine/motor oils • Used cooking oil • Degreasers/Solvents • Pesticides/herbicides • Paint, Old/redundant paint, left over paint, Paint tins • Empty containers • Acids / expired chemicals • Expired medicines & other medical waste 	
4.3.1.	Used Oils	
	This includes engine oil, transmission oil, hydraulic oil and transformer oil.	
4.3.1.1	All used oil generated at Matla Coal, will be pumped into storage tanks, at all times taking into account the protection of the environment and the risk of pollution.	Line Management
4.3.1.2	Under no circumstances may any oil be released directly onto the ground or to negatively impact the environment.	All
4.3.1.3	When transporting containers, care will be exercised at all times to prevent pollution or contamination of the environment.	Line Management
4.3.1.4	All used oil will be stored in designated, bunded storage tanks for safe collection and disposal/recycling by an authorized, permitted contractor, for delivery to an authorized, permitted disposal/recycling site.	Environmental Department. Waste Management Contractor.
4.3.1.5	The design, construction and operation of all equipment and facilities, required for the effective collection, containment, control and disposal of used oils will at all times comply with legislation to prevent pollution and/or contamination of the environment.	Area Management

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4.3.1.6	Suitable spill kits and absorbent materials will be available at all times for the containment and clearing of any spills.	Environmental department.
4.3.1.7	Attention will be given to: The risk of fire Contamination/Pollution Use of correct Personal Protective Equipment Safety of personnel	All
4.3.1.8	In the event of a spillage the incident procedure (SSP 01) will be followed to ensure prompt action. All material used for clean-up of oil spills must be treated as hazardous waste according to the waste management procedure.	All
4.3.1.9	All incidents regarding the spillage of hydrocarbon should be reported on SAP EH&S for recording and where applicable be investigated and closed.	
4.3.1.10	Under no circumstances will used oil be decanted into the dirty water channel. Oil separators must be used as the last resort for the separation of used oil from other material.	
4.3.2.	Used/Old Cooking Oil	
	This includes used cooking oil generated in any kitchen	
4.3.2.1	Suitable spill kits and absorbent materials will always be available for the containment and cleaning of any spills.	Kitchen personnel
4.3.2.2	No used cooking oil will be disposed into any domestic waste facility, drain, storm water or sewer drain or in such a manner that it can be reused for human consumption.	Kitchen personnel
4.3.2.3	Disposal facilities will be provided for all private enterprises to dispose of their used cooking oil in an environmentally friendly manner.	Contractor/kitchen personnel
4.3.2.4	All used cooking oil will be held in containers in designated storage area for safe collection and disposal by an authorized, permitted contractor, to an authorized, permitted site.	Kitchen personnel Contractor
4.3.2.5	The design, construction and operation of all equipment and facilities, required for the effective collection, containment, control and disposal of used oils will always comply with legislation to prevent the pollution and/or contamination of the environment.	Management/ Contractor
4.3.3.	Degreaser/Solvents	
	This includes all current and obsolete solvents or degreasers that may be in use.	
4.3.3.1	All redundant or obsolete degreasers and/or solvents will be placed in sealed drums and sent to an allocated waste site for disposal.	Line Management Contractor
4.3.3.2	No redundant or obsolete degreasers and/or solvents will be discarded or washed into drains, sewerage or storm water systems.	Line Management Contractor
4.3.3.3	All redundant/degreasers/solvents will be stored separate to prevent: a) Chemical reaction	Line Management Contractor

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	b) Toxic fumes/gases c) Contamination/Pollution of the environment.	
4.3.3.4	The redundant and old degreasers/solvents disposed of by the waste Contractor will be kept on record.	Waste Contractor
4.3.4.	Herbicides/Pesticides and Fertilizers	
	This includes all weed killers, insect sprays and empty containers.	
4.3.4.1	All redundant/expired weed killers and insect sprays will be placed in separate marked, sealed containers and sent to the allocated waste site.	Surface services foreman Gardening contractor
4.3.4.2	No redundant/expired weed killers and insect sprays will be discarded into any drain, sewage system, in any field or pit.	Gardening contractor
4.3.4.3	All redundant/expired weed killers and insect sprays will be stored separately in demarcated areas.	Surface services foreman Gardening contractor Stores
4.3.4.4	Only permitted, authorized waste removal contractors will be allowed to remove redundant/expired, herbicides/pesticides from the waste separation site to an authorized, permitted hazardous waste disposal site.	Waste contractor
4.3.4.5	Storage facilities will be designed and constructed so as to prevent pollution to the environment.	Stores Surface services foreman
4.3.4.6	Containers (except aerosol cans) which contained pesticides/herbicides will be punctured, flattened and properly disposed of by an authorized and permitted waste contractor to a hazardous waste disposal site.	Surface services foreman Waste contractor
4.3.4.7	Attention will be given to Safe Handling Risk of fire or explosion Correct use of Personal Protective Equipment	
4.3.5.	Paint / Cleaning Liquids	All
	This includes left over paint that cannot be used, redundant and old paint, cleaning liquids, such as turpentine or any other brush cleaners, rags and empty paint tins.	
4.3.5.1	Left over, old paint, liquid cleaners, cleaning rags or empty paint tins will be placed in hazardous waste containers.	All
4.3.5.2	These items may not be discarded into a pit, buried or disposed of in any manner that could cause pollution or contamination to the environment.	All
4.3.5.3	No empty containers, cleaning materials etc. are to be left in	All

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	the field, but must be returned to the workshops to be squashed and disposed in the hazardous waste bin for correct disposal, to the waste separation site.	
4.3.5.4	No paint or cleaning liquids will be discarded onto the ground or disposed of into any sewer, drain or storm water system.	All
4.3.5.5	Washing and cleaning of painting equipment will be done in such a manner that the discharge water will go through a separating system.	All
4.3.5.6	All left over, redundant, old paint and cleaning materials will only be disposed of by a permitted and authorized waste disposal contractor to a permitted hazardous waste disposal site.	Waste Contractor Paint contractor
4.3.5.7	The design and construction of all facilities required for the collection, containment and disposal of paint and liquid cleaners must always be kept separate.	Management
4.3.5.8	All facilities will always comply and conform to the legislation to prevent pollution or contamination of the environment.	Management
4.3.5.9	Attention will be given to: The risk of fire. Required ventilation. Use of applicable Personal Protective Equipment	All
4.3.6.	Acids	
	This includes battery acid and other corrosive liquids.	
4.3.6.1	All redundant/old acids will be stored in separate containers away from other chemicals and hazardous substances.	Line Management
4.3.6.2	All containers should be marked "corrosive and poisonous"	Line Management
4.3.6.3	No old or redundant acid will be disposed of into any drain, sewer or storm water system or disposed of into the domestic waste stream.	All
4.3.6.4	Only an authorized and permitted waste removal contractor will be allowed to remove these to a hazardous waste disposal site	Waste contractor
4.3.6.5	A recognized neutralizing agent such as agricultural lime will be kept available to neutralize any spills that might occur.	Line Management
4.3.6.6	Safety shower facilities should be provided at storage/handling sites.	Stores / Waste management contractors.
4.3.7.	Expired Medicines	
	This includes sealed or unsealed liquid medicines, such as cough mixtures, vaccines, and antibiotics, etc.	
4.3.7.1	The design, construction and installation of such collection and storage facility will comply and conform to all relevant legislation to ensure the safety, against accidental use and	Health department.

	acquisition by any unauthorized person or persons.	
4.3.7.2	The disposal of all expired medicines will comply with all relevant legislation and will only be done so by the Clinic/Medical Station.	
4.3.7.3	Where possible the original manufacturer will uplift their own expired items.	
4.3.7.4	At all times all containers will conform and comply with the relative legislation, so as not to create a health hazard or cause pollution to the environment.	
4.3.7.5	An effective monitoring system will be implemented and kept in place to: Measure quantities generated and disposed of. Records to be kept of disposals to suppliers Disposal Certificates to be obtained and kept on file.	
	X-ray machine development liquid	
4.3.8.	Medical Waste	
	This includes: All sharps, contaminated bandages, cotton wool and spatulas and other items used that could be a health hazard. This also includes all expired pills, capsules and powders.	
4.3.8.1	The Occupational Health Practitioner will be responsible for the safe and correct disposal of all Medical Waste generated at the clinic at Matla Coal.	Health department
4.3.8.2	All medical waste will be kept separate from any other waste.	Health department
4.3.8.3	All medical waste will be contained in separate clearly marked containers as supplied by the Medical Waste disposal Agent.	Health department
4.3.8.4	Expired medicines will be kept and contained separately from any other medical or general waste.	Health department
4.3.8.5	The design, construction and operation of all waste containers required for the effective collection, containment, control and disposal thereof will comply with all relevant legislation to prevent the pollution and/or contamination of the environment.	Health department
4.3.8.6	All containers will be designed in such a manner so as to prohibit the unauthorized removal of the items.	
4.3.8.7	All health, safety and risk requirements will be considered and adhered to by all employees and contractors at all times.	All
4.3.8.8	All medical waste will only be disposed of by incineration, by an authorized and permitted Medical Waste Disposal Agent at an authorized and permitted disposal facility.	Medical Waste Disposal Agent
4.3.8.9	Where possible the original supplier will dispose of all expired pills etc.	
4.3.8.10	An effective monitoring system will be implemented and kept in place to Measure quantities generated and disposed of	Health department / Environmental

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	Quantities uplifted by original suppliers. Disposal Certificates to be obtained and kept on file.	department
4.3.9.	Asbestos	
	This includes: Brake pads, asbestos off cuts and any other asbestos product or products containing asbestos.	
4.3.9.1	No asbestos material shall be disposed of into scrap metal or domestic waste containers.	All
4.3.9.2	No asbestos materials shall be dumped into a pit.	All
4.3.9.3	All asbestos waste will be collected and contained in such a manner that it shall not pose a health hazard. All asbestos removals will be done by specialist team, taken for disposal and safe disposal certificate shall be retained by the environmental department for record.	Foreman Surface Services / Waste management Contractor.
4.3.9.4	All asbestos waste will be disposed of by an authorized and permitted waste disposal contractor to a permitted disposal site via the Waste Separation Site.	Contractor
4.3.9.5	No asbestos may be resold or recycled, i.e. asbestos roofing sheets.	Area Management / waste management contractor.
4.3.9.6	The design, construction and operation of all equipment and facilities, required for the effective collection, containment, control and disposal of waste asbestos products, will always comply to legislation to prevent the pollution and or contamination of the environment.	Area Management
4.3.9.7	The design construction and operation of any storage and disposal facility at source and at the waste separation point will be of such a nature to eliminate all possibility of creating a health hazard.	Area Management / Waste management contractor
4.3.10.	Batteries	
	This includes all batteries.	
4.3.10.1	Designated storage facilities for scrap batteries will be designed and constructed to prevent pollution to the environment in case of accidental leakage or spillage in the case of automotive batteries.	Area Management/ Waste management contractor.
4.3.10.2	Scrap batteries will be stored and kept separate from other chemicals to prevent a possible chemical reaction, chemical fire, toxic fumes and burns. All health and safety aspects will therefore be taken into consideration during the handling/storing of scrap batteries. Personal Protective Equipment to be utilized and worn.	Area Management

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4.3.10.3	Scrap batteries may not be discarded at a landfill site, or into a pit.	All
4.3.10.4	All scrap battery removal contractors will conform to the applicable legislation to prevent pollution or contamination of the environment. Used lead acid batteries are collected by the supplier and taken back to their workshops.	Area Management
4.3.11. Contaminated Soil		
	This includes soil contaminated by oil, diesel, petrol, chemicals, coal duff and any other hazardous substances that could pose a health hazard or pollute the environment.	
4.3.11.1	All contaminated soil will be handled in accordance with Matla waste standard	All
4.3.11.2	Only an authorized and permitted hazardous waste removal contractor shall be allowed to remove this type of hazardous waste to a hazardous waste disposal site, should it be so decided	
4.3.12. Fluorescent Tubes / Lamps		
	This includes fluorescent tubes, sodium vapour lamps and mercury vapour lamps.	
4.3.12.1	All used fluorescent tubes/lamps will be wrapped in a plastic sheet and be put into sealed box. No crushing on fluorescent tubes will be done in Matla Coal.	All
4.3.12.2	Only an authorized and permitted waste removal contractor may remove these boxes to a licensed waste disposal site.	Waste management contractor
4.3.12.3	Emergency treatment will be given in the case of lacerations, etc.	Health department
4.3.13. Lead		
4.3.13.1	All redundant pieces of lead will be placed into containers/drums and sent to the waste separation site.	Area Management
4.3.13.2	Containers/drums containing lead will not be perforated to prevent pollution/contamination of the environment.	Area Management
4.3.14. Oily/Greasy rags		
	This includes all used rags containing grease and oil, or any other substance.	
4.3.14.1	All contaminated rags will be discarded in hazardous waste bins.	All
4.3.14.2	No contaminated rags may be washed, buried or burned.	All
4.3.14.3	An authorized and permitted waste contractor will remove the greasy/oily rags to an authorized and permitted waste disposal site for disposal.	Contractor
4.3.15. All used Aerosol cans		
4.3.15.1	This includes spray paint cans, furniture polish, solvents, quick start and other products contained in aerosol containers.	
4.3.15.2	No aerosol cans may be dumped in scrap metal containers.	All

4.3.15.3	No aerosol cans may be incinerated or punctured.	All
4.3.15.4	No aerosol cans will be left lying in the field or dumped in the workings.	All
4.3.15.5	No empty aerosol cans may be discarded except by an authorized and permitted waste disposal contractor to an authorized and licensed waste disposal site.	Contractor
4.3.15.6	Attention will be given to risk of explosion.	All
4.3.16.	Empty Drums	
	All empty containers i.e. oil drums, electric cleaner drums, solvent drums and other 5, 25 or 210 litre drums, regardless of what the contents were.	
4.3.16.1	No Empty drums will: <ul style="list-style-type: none"> • Be washed out in the working place; • Be left in the field, discarded into the workings; • Be discarded on to any dump; • Be stored or discarded in any manner that will cause pollution to the environment; • Be used to contain water or any other substance, other than the original substance and used cooking oil. 	All
4.3.16.2	Containers will be removed by an authorized and permitted waste removal contractor to an authorized and licensed waste disposal site.	All / Waste management contractor
4.3.16.3	No HOD or foreman will permit any empty container to be purchased or removed from the mine property by any employee or contractor, except the waste collection company.	Management
4.3.16.4	Record will be kept of all revenue received from the disposal of empty drums/containers	Financial Department
4.3.17.	Used machine/vehicle filters	
	This includes oil, air and fuel filters.	
4.3.17.1	No filters of any description will be disposed: <ul style="list-style-type: none"> • Into any domestic refuse bins • Into any scrap metal containers • Into the workings • Into a waste disposal/landfill site. 	Area Management
4.3.17.2	Care will be taken to eliminate spills from filters, to prevent pollution or contamination of the environment.	All
4.3.17.3	Used filters will be transported to the workshops for disposal into hazardous waste bins.	All
4.3.17.4	Hazardous waste will be disposed of by an authorized and permitted contractor, to an authorized and licensed waste disposal site.	Waste management contractor

4.3.18. Contaminated PPE		
	This includes all used PPE.	
4.3.18.1	Used PPE will be disposed of into hazardous waste.	All
4.3.18.2	No used PPE will be discarded: <ul style="list-style-type: none"> • Into any domestic refuse bins; • Into any scrap metal containers; • Into the workings; or • Onto a non-hazardous waste disposal/ landfill site. 	All
4.3.18.3	All used PPE will be discarded by an authorized and permitted waste disposal contractor, to an authorized and licensed waste disposal site.	Waste management contractor.
4.3.19 Scrap rubber hydraulic oil pipes:		
	<p>This includes all scrap and used hydraulic oil pipes.</p> <ul style="list-style-type: none"> • All scrap hydraulic oil pipes shall be disposed of into designated Hazardous Waste Bins, for removal by an authorized, permitted waste disposal contractor. • This waste stream shall not be discarded into scrap metal bins, buried or burned. • Care shall be taken when disposing of hydraulic oil pipes that any oil left in the pipes is run out into a container before disposal. • Care shall be taken not to contaminate the soil when running and tapping out the hydraulic oil from scrap hydraulic oil pipes. • Any oil spills must be cleaned up immediately using the available absorbent materials. • Designated holding facilities for scrap tyres, rubber bends, conveyor belt and rubber products shall be designed and constructed so as not to contaminate/pollute the environment. • All safety, health and environmental risk requirements shall be considered and adhered to, to prevent: <ol style="list-style-type: none"> (a) Fires (b) Burns (c) Damage to company property. (d) Inhalation of noxious and toxic fumes and gases. (e) Air pollution as a result of the toxic smoke generated when burning (f) Ground pollution 	
4.13.20 Electronic Waste (E-Waste):		
	Electronic waste include: computers (central processing units (CPU), monitors, printers and miscellaneous peripheral devices such as the keyboard, mouse, scanner, CD writers, loudspeakers, web cameras), cell phones, CRTs (cathode ray tube), printed circuit boards (PCBs), white and brown goods – typical electronic household appliances, medical electronic and	

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	<p>electrical equipment.</p> <ul style="list-style-type: none"> • No used E-Waste of shall be disposed of into any domestic and or hazardous refuse bins or scrap metal containers. • E-Waste shall be disposed of into the enclosed and lockable disposal bin allocated for E-Waste. • All E-Waste shall only be recycled by an authorized contractor approved and appointed by MATLA COAL. • All safety, health and environmental impacts shall be considered and adhered to by all employees and contractors at all times. • All ink and toner cartridges to be sent to an allocated area to form part of the recycling project. • An effective monitoring system shall be implemented and kept in place to measure quantities generated and disposed of. All required data like serial numbers, etc. shall be kept for record and audit purposes 	
4.13.21 Sewage Sludge		
	<ul style="list-style-type: none"> • This includes sludge from the Sewage Waste Water Treatment Plant. This also includes the dried sewage sludge together with the waste from the manual operated inlet screen. • The dried sludge should be taken of the sludge drying beds and then disposed off in a hazardous waste bin for removal by the authorized and permitted waste management contractor. The waybill/gate release must include the such material type and safe disposal certificate will be retained by the environmental department. 	
4.4 Non Hazardous Waste		
	<p>Surface Solids</p> <ul style="list-style-type: none"> • Scrap Metal • Domestic Waste • Recyclable Waste • Garden refuse • Un-used, damaged coal sample bags (Plastic) • Building Rubble. 	
4.4.1. Scrap Metal		
	Scrap metal will be sent to the scrap yard and sold through supply chain management.	All

4.4.2. Plastic Containers		Waste management contractor.
4.4.2.1	All empty plastic containers will be collected at the workplace and sent to the waste separation site on a continual basis for disposal.	
4.4.2.2	No empty plastic containers will be: <ul style="list-style-type: none"> • Discarded into any scrap metal containers. • Buried • Burned (incinerated) • Destroyed in any manner • Discarded into the workings 	All
4.4.2.3	No empty plastic containers will be sold or given, to any employees or any other parties except authorized / permitted waste management contractors or an original supplier.	Area Management
4.4.3. Domestic Waste		
	This includes cans, plastic, bottles and kitchen refuse.	
4.4.3.1	All domestic waste will be removed by an authorized and licensed contractor, to an authorized and permitted waste disposal site.	Waste management contractor
4.4.3.2	The kitchen will dispose of food scraps in provided containers for collection by a designated farmer.	Kitchen staff / Farmer
4.4.4. Garden Refuge		
	Include all garden refuse	
4.4.4.1	A waste disposal contractor will dispose all garden waste, which is not used in the compost project at an authorized and licensed landfill site.	Waste management contractor. Environmental department.
4.4.5. Scrap Tyres		
4.4.5.1	All scrap tyres will: <ul style="list-style-type: none"> • Be stored at a designated site allocated for scrap tyres. • Not be discarded onto any refuse dump or landfill site. • Not be discarded into scrap metal bins. • Not be burned. • Not be left behind or dumped in the field. 	Area Management
4.4.6. Scrap Conveyor Belt		
4.4.6.1	All scrap conveyor belt will: <ul style="list-style-type: none"> • Be removed and stored at the central Scrap yard. • Not be discarded into scrap metal bins. • Not be discarded into any refuse dump or landfill site. • Not be buried • Not be burned. • Not be thrown/dumped into any excavation/open pit • Not be left in the field. • Consideration will be given to other practical applications 	All/ Waste management contractor.

	for scrap conveyor belt. <ul style="list-style-type: none">Any surplus scrap conveyor belt will be disposed of by an authorized scrap contractor or by resale to authorized buyers	
4.4.7.	Building rubble	
	This includes bricks, cement, sand & stone, but does not include other types of waste as described above.	
4.4.7. 1	Building rubble may only be dumped with the written permission of the Environmental department.	Surface services. Area management
4.4.7. 2	No building rubble may be dumped at the scrap yard.	All
4.4.7. 3	All building rubble will be discarded by an authorized and permitted waste management contractor, to an authorized and licensed waste disposal site.	Waste management contractor

4.4.8 Rubber products

	<p>This waste stream will include scrap tyres, old and used conveyor belt, rubber pipe bends and other rubber products</p>	
	<p>Scrap tyres shall be:</p> <ul style="list-style-type: none"> (a) be stored at a designated site allocated for scrap tyres. (b) not be discarded into any refuse dump or landfill site. (c) not be discarded into scrap metal bins. (d) not be burned. (e) disposed of by an authorized removal contractor for recycling that will be specifically contracted for this purpose. <p>Scrap conveyor belt shall be:</p> <ul style="list-style-type: none"> (a) be removed and stored at a designated holding facility allocated for scrap conveyor belt. (b) not be discarded into scrap metal bins. (c) not be discarded into any refuse dump or landfill site. (d) not be buried. (e) not be burned. (f) not be left where the belts were changed. (g) considered for other practical applications. (h) disposed of by an authorized waste removal contractor should no alternative be applicable. <p>Scrap rubber bends and other rubber products shall :</p> <ul style="list-style-type: none"> (a) be sent to and stored at a designated allocated site (b) not be discarded into any refuse dump of landfill site. (c) not be discarded into scrap metal bins. (d) not be buried. (e) not be burned. (f) be disposed of by an authorized and permitted waste removal contractor when recycling is no longer an option. 	

4.4.9 Scrap electrical cable

	<p>This includes all types of electrical cable.</p> <ul style="list-style-type: none"> • No scrap electrical cable may be left after a task has been completed. • All scrap electrical cable shall be held in a designated disposal facility for possible re-use. • The design, construction and operation of all equipment and facilities required for the effective collection, storage, control and disposal of scrap cable shall comply with 	
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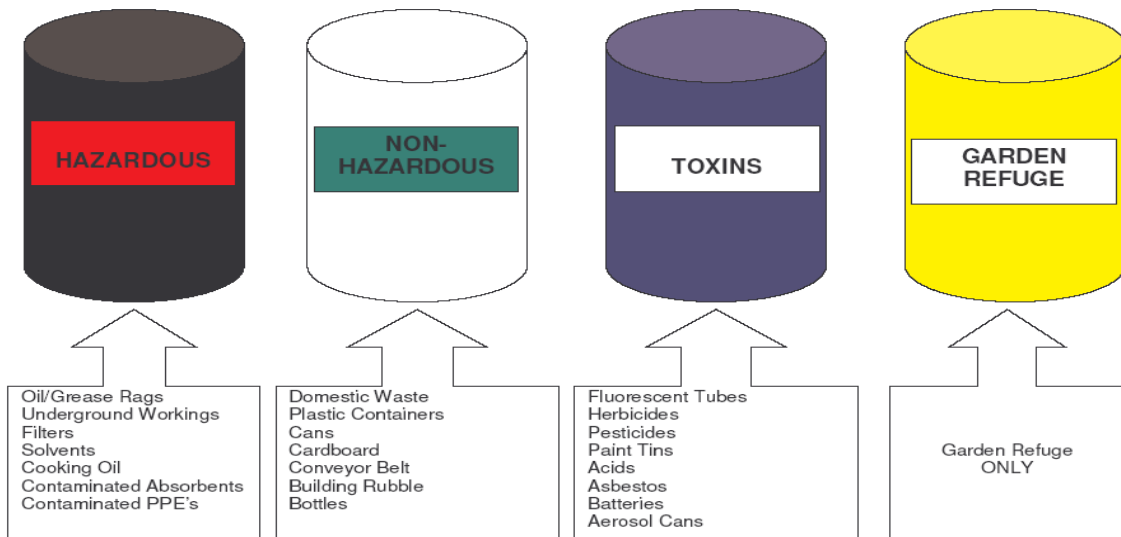
	<p>current legislation to prevent pollution and contamination of the environment.</p> <ul style="list-style-type: none"> All health, safety and risk requirements shall be considered and adhered to by all employees and contractors at all times. Attention shall be given to his/her risk of fire, correct/safe storage and the use of Personal Protective Equipment. 	
4.5	Waste disposal sites (landfill sites)	
	A designated and permitted excavated licensed landfill site, for the disposal of Non Hazardous waste that is not reused, composted, recycled or incinerated.	
4.5.1	There will be no waste disposal / landfill sites on Matla Coal.	Management
4.5.2	All waste material or substances; Hazardous or non-Hazardous will be removed by an authorized and license d waste disposal contractor to an authorized and permitted disposal site.	Contractor
4.6	WASTE REMOVAL FROM SITE	
4.6.1	Waste will only be removed by an authorized and permitted contractor from site.	Management
4.6.2	A permitted contractor will empty/remove all Green and white Skips on a 48-hour call for service.	Contractor
4.6.3	All hazardous bins, and toxic drums on site will be emptied/removed on a 48-hour call for service by an authorized and permitted contractor.	Contractor
4.6.4	The contractor will be advised by telephone to empty the full skips.	Line Management
4.7	TRAINING (MSP05)	
	The employees should be made aware of the potential hazards associated with waste disposal and removal. Regular, documented, internal training sessions / checks on the employees involved, will ensure an understanding of what is needed to comply with this guideline.	
4.8.1	All departments will be involved in the management of waste. Supervisors will need to be well aware on what are required in order to comply to waste management legislation. Employees will need to be well informed by their superiors on what should to be done concerning waste, and how it must be done.	Contractor
4.8.2	Specialized training will be needed to perform certain activities. This involves the staff from the clinic, the occupational hygiene department, and the risk department as well as Management.	
5	RECORDS	
	Waste disposal contract Safe disposal records	

ANNEXURE A: WASTE STREAMS



Whale Rock Industries

Do you know your waste colour coding?



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