

	ENVIRONMENTALMANAGEMENT SYSTEM ISO 14001:2015	Doc No.	IMS EMS_CM
	<b><u>EMS OPERATIONAL CONTROLS MATRIX</u></b>	Compiled By :	Leroy
		Approved By :	Abdul Kamdor

No	Activity / Process	Environmental Aspect	Potential Impact	Legal Requirement	Operational / Process Controls	Monitoring & Measurement	Responsibility	Records / Evidence
1	Fueling	Diesel spills / leaks	Soil & groundwater contamination	GNR 2281 / NEMA	Bunded fuel area; spill kits; trained operators; refuelling procedure	Visual inspections; spill log	Management / Fuel Operator	Spill register; training records
2	Compressor operation	Leaks / failure	Energy waste; ground contamination	NEMA	Preventive maintenance; pressure testing; compressor housing	Maintenance schedule	Management	Maintenance records
3	Printing	Paper waste	Pollution	Waste Act 59 of 2008	Paper reduction; recycling bins; digital	Waste audits	Admin Manager	Waste records
4	General waste	Poor housekeeping	Air & ground contamination; hygiene	Waste Act 59 of 2008	Waste segregation; licensed contractor; routine collection	Housekeeping inspections	Management	Waste contractor slips
5	Water usage	Excessive consumption	Resource depletion; contamination	National Water Act 36 of 1998	Water-efficient fixtures; awareness signage	Meter readings	All staff	Utility records
6	Fire extinguishers	Foam / chemical release	Air & ground contamination	NEMA	Annual servicing; controlled storage; emergency response procedure	Service certificates	SHEQ Manager	Service records
7	Vegetation control	Overgrown weeds	Fire risk; invasive species	NEMA	Routine yard maintenance; cutting schedule	Yard inspections	Yard Management	Inspection checklists
8	Cleaning chemicals	Incorrect storage	Fire hazard; health impact	GNR 1179	Dedicated storage; SDS; correct labelling	Monthly inspections	Cleaners / Supervisors	SDS register; inspection logs
9	Ablution facilities	Sewerage / water wastage	Hygiene; contamination	NEMA	Septic system maintenance; leak reporting	Visual inspections	Cleaners	Maintenance records
10	Diesel machinery	Fuel consumption	Air pollution	Air Quality Act 39 of 2004	Preventive maintenance; efficient operation	Fuel usage monitoring	Fleet Management	Fuel reports
11	Electricity use	Excess consumption	Resource depletion	NEMA	LED lighting; automated timers; shutdown procedures	Electricity tracking	Yard Management	Utility bills
12	Vehicle washing	Wastewater runoff	Water pollution	National Water Act 36 of 1998	Oil-water separators; no storm drain washing	Visual checks	Yard / Neighbour	Inspection records
13	Fleet operations	Vehicle idling	Air pollution	Air Quality Act 39 of 2004	No-idling rule; driver training; supervision	Spot checks	Fleet Management	Training records
14	Air-conditioning	Refrigerant leakage	Air pollution	Air Quality Act 39 of 2004	Regular servicing; compliant refrigerants	Service intervals	Management	Service records
15	Generator use	Diesel leaks	Ground contamination	NEMA	Preventive maintenance; drip trays; spill kits	Visual inspections	Yard Management	Maintenance logs