

	INTEGRATED MANAGEMENT SYSTEM (ISO 39001:2012 & ISO 14001:2015)		Doc No.	IMS EMP
	<u>Environmental management plan</u>		Compiled By :	Leroy
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Environmental management plan

1. Purpose

The purpose of this Environmental Management System (EMS) is to establish a structured framework through which KDG Logistics identifies, manages, monitors, and improves its environmental performance. The EMS ensures compliance with applicable environmental legislation, prevention of pollution, and continual improvement in line with ISO 14001:2015 requirements.

2. Scope of the Environmental Management System

The EMS applies to all activities, processes, products, and services of KDG Logistics that may interact with the environment.

This includes:

- Fleet operations and vehicle movements
- Fuel storage, refuelling, and diesel consumption
- Vehicle idling, loading and off-loading activities
- Vehicle washing and wastewater management
- Maintenance activities including compressors, generators, and air-conditioning systems
- Use and storage of cleaning chemicals and hazardous substances
- Waste management (general and hazardous waste)
- Water and electricity consumption
- Vegetation management and site housekeeping
- Administrative and management activities

The EMS covers operations conducted at company premises, yards, workshops, and all transport activities conducted on public roads within South Africa. Environmental impacts arising from normal, abnormal, and emergency operating conditions are included.

3. Context of the Organisation

3.1 Internal and External Issues

KDG Logistics considers internal and external factors that influence its environmental performance, including:

- Nature of logistics and vehicle transport operations
- Fuel consumption and emissions
- Legal and regulatory requirements
- Customer and stakeholder expectations
- Availability of resources and technology

3.2 Interested Parties

Relevant interested parties include employees, management, customers, regulators, suppliers, contractors, and surrounding communities.

4. Environmental Policy

KDG Logistics is committed to:

- Protecting the environment and preventing pollution
- Complying with applicable environmental legislation and other requirements
- Continually improving environmental performance
- Minimising waste, emissions, and resource consumption
- Promoting environmental awareness among employees and stakeholders

The Environmental Policy is communicated to all employees and is available to interested parties.

5. Leadership, Roles and Responsibilities

Top management demonstrates leadership and commitment to the EMS by:

- Ensuring the EMS achieves its intended outcomes
- Providing necessary resources
- Assigning responsibilities and authorities
- Promoting continual improvement

Environmental responsibilities are assigned to management, supervisors, and employees according to their roles.

6. Planning

6.1 Environmental Aspects and Impacts

Environmental aspects and impacts are identified, evaluated, and reviewed using the Environmental Aspects and Impacts Register (ESD 002 A). Significant environmental aspects are determined based on risk and impact criteria.

6.2 Legal and Other Requirements

KDG Logistics identifies and maintains applicable legal and other environmental requirements, including but not limited to:

- National Environmental Management Act
- Air Quality Act
- Water Act
- Hazardous Chemical Substances Regulations

6.3 Environmental Objectives and Targets

Environmental objectives are established to:

- Reduce fuel consumption and emissions
- Improve energy and water efficiency
- Reduce waste generation
- Prevent pollution incidents

Objectives are measurable, monitored, and reviewed as part of management review.

7. Support

7.1 Resources

Adequate resources are provided to implement and maintain the EMS.

7.2 Competence and Training

Employees receive environmental awareness and job-specific training relevant to their roles and environmental responsibilities.

7.3 Communication

Environmental information is communicated internally and externally as appropriate.

7.4 Documented Information

EMS documents are controlled to ensure they are current, approved, and available where required.

8. Operational Planning and Control

KDG Logistics implements operational and process controls to manage significant environmental aspects.

8.1 Operational Controls

Controls include:

- Designated fuel storage and refuelling areas
- Spill prevention and spill response measures
- Waste segregation and disposal procedures
- Chemical storage and handling controls
- Preventive maintenance of vehicles and equipment
- No-idling practices during loading and off-loading
- Water and energy conservation measures

8.2 Emergency Preparedness and Response

Emergency environmental situations such as fuel spills, fires, and chemical releases are managed through:

- Spill kits and response procedures

- Fire-fighting equipment
 - Incident reporting and corrective action
 - Periodic drills and awareness
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9. Performance Evaluation

9.1 Monitoring and Measurement

Environmental performance is monitored through:

- Fuel, energy, and water usage tracking
- Waste generation monitoring
- Emissions and vehicle performance data

9.2 Internal Audits

Internal EMS audits are conducted at planned intervals to verify conformity and effectiveness.

9.3 Management Review

Top management reviews the EMS to ensure continuing suitability, adequacy, and effectiveness.

10. Improvement

10.1 Nonconformity and Corrective Action

Environmental incidents and nonconformities are investigated, and corrective actions are implemented.

10.2 Continual Improvement

KDG Logistics is committed to continual improvement of environmental performance through review of objectives, controls, and operational practices.
