



EMS Procedure 14

SITE EQUIPMENT AND MAINTENANCE

This procedure sets out how site equipment, plant and infrastructure are maintained to prevent environmental pollution, minimise environmental impacts, and ensure compliance with environmental permits, planning conditions and the Environmental Management System (EMS)

1. Scope

This plan applies to all site equipment and plant including but not limited to:

- Mobile plant (HGVs, loading shovels, forklifts, excavators)
- Fixed plant and processing equipment
- Fuel and chemical storage infrastructure
- Pumps, generators, compressors, and batching plant equipment
- Environmental control equipment (e.g. dust suppression systems, wheel washers, bunding)

2. Responsibilities

Site Manager/ Supervisor

- Overall responsibility for implementation of this plan
- Ensuring inspections and maintenance are completed and recorded

Maintenance Team/ Contractors

- Carrying out planned and reactive maintenance
- Reporting defects and environmental risks

All Employees and Operators

- Daily checks of equipment before use
- Immediate reporting of leaks, damage or defects

3. Inspection and Preventative Maintenance

All equipment must be subject to:

- Pre use checks by operators
- Planned preventive maintenance in accordance with manufacturer recommendations and company policies
- Reactive maintenance where defects are identified

Inspections must focus on environmental risk areas, including:

- Oil, fuel, hydraulic, or chemical leaks
- Condition of hoses, seals and fittings
- Exhausts, silencers and noise control equipment
- Guards, covers and containment systems

4. Fuel, Oil and Chemical Management

Fuel and chemical storage tanks, bowsers, and containers must be:

- Located within appropriate bunded areas or spill pallets
- Inspected regularly for integrity and leaks
- Any leaks or spills must be managed in line with the Chemical Leaks and Spills



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Procedure and Vehicle Oil and Fuel Leaks Procedure

- Defective equipment must be taken out of service until repaired.

5. Environmental Control Equipment

Environmental protection systems must be maintained in effective working order, including:

- Dust suppression, drains and settlement systems
- Interceptors, drains and settlement systems
- Noise control measures (silencers)
- Failures of environmental controls must be reported immediately and rectified without delay.

6. Breakdown and Emergency Response

In the event of equipment failure that poses an environmental risk:

- Operations must be stopped where necessary
- The area must be made safe and any release contained
- Site management must be informed immediately
- Emergency response procedures must be followed where applicable

7. Record Keeping

Maintenance and inspection records must be kept for:

- Pre use checks
- Planned maintenance
- Repairs and defect reports
- Environmental incidents related to equipment failure must be recorded on an Environmental Incident Report form

8. Training and Competence

Only trained and authorised personnel may operate or maintain equipment

Operators must be trained in:

- Pre use inspections
- Identifying environmental risks
- Spill response and reporting procedures

9. Review and Continuous Improvement

- Equipment maintenance performance will be reviewed periodically as part of EMS management review.
- Trends in breakdowns, leaks or incidents will be analysed to improve maintenance planning and environmental performance