



Environmental Management System Summary

REF# Summary of Environmental Management System (EMS)

Supporting document for Environmental Permit Variation

Current Permit # EPR/BN0112IN/V002

July 2024



This document provides a summary of Anochrome Limited's Environmental Management System (EMS).

The EMS has been designed to meet the requirements of ISO14001:2015 standards; however, it is not currently certified by an external third party.

The company is committed, as far as reasonably practicable, to reduce the environmental impact of its operations and products and those of its suppliers and customers.

Anochrome limited holds a permit, granted by the Environment Agency, under the formally Integrated Pollution Prevention and Control (IPPC) Regulations, latterly Industrial Emissions Directive (IED) under the Environmental Permitting Regulations 2016 and the provisions of the Permit are legally binding. The company, therefore, will endeavour to operate within the conditions of the Permit at all times.

To ensure we comply and cause no harm to the environment, we control and monitor:

- Pollution of the air, ground and water
- Waste
- Energy consumption
- Any impacts on neighbours
- Climate change

The company shall also report any incidents that may have an environmental impact to the Environment Agency by telephone forthwith and follow this up with a written document completed by the General Manager or nominated deputy.

The company shall meet its commitments to environmental management by:-

- Assessing risks to people (risk assessments, part of the H&S manual) and the environment (Impacts and aspects) using best practice.
- Eliminating, as far as is reasonably practicable, materials or processes which may cause harm to people or the environment.
- Improving employee's competence in environmental issues.
- Controlling the disposal of factory waste.
- Developing energy saving and water saving procedures
- Preventing harm or nuisance to neighbours
- Using best practice to ensure that protection from all potentially harmful processes meets or exceeds legal and statutory requirements.
- Completing reporting data required under the conditions of its Permit in a timely manner.
- Assessing the impacts of climate change.



Control procedures are in place in order to meet legal and statutory requirements, as well as those imposed by the company's Environmental Management System.

The EMS covers the surroundings – where people work – including air, water, land, natural resources, flora, fauna, humans and their interaction, it includes the need for continual improvement.

The table below is a summary of the elements of such a system, and the responsibilities of the management team to “champion” the cause of each of these elements.

ELEMENT	CONTROL METHODS
Air Pollution	Emission monitoring Comparison with statutory requirements and company objectives Condition of scrubbing solution Condition of fans and ducting Auditing Procedures
Water Pollution	Waste water discharge monitoring, contaminants and volumes Training in effluent control procedures Cleaning and buffering of probes, checking of stirrers, solenoids etc Protection of storm water drains Auditing Procedures
Solid and Hazardous Waste	Formal objectives and targets for waste reduction Documented procedures for waste streaming Register of consignment notes Auditing Procedures
Soil and Groundwater Protection	Soil and groundwater contamination awareness Objectives for soil and groundwater protection Training for soil and groundwater protection Procedures for safe storage of all process materials Spillage clean-up procedures and training Auditing Procedures
Noise Control	Procedures for noise control Noise level monitoring inside factory Annual extended noise measurements in specific locations Noise measurements by external consultants – three yearly or if new equipment installed Audiometric screening

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ELEMENT	CONTROL METHODS
Resource Management	Procedures for monitoring waste and energy usage Setting up of objectives and targets; these should be referenced to group and industry standards Regular review of usage against targets Auditing procedures
Management System	Identification of significant environmental impacts Setting of targets relating to significant impacts Records of legislative and regulatory requirements Documented environmental responsibilities Management representative for external auditors Individual trained to audit environmental management systems Procedures to follow up and correct nonconformities Training of all relevant personnel in Environmental Management Systems
Performance Improvement	Design of projects to reduce resource consumption – especially when new plant is installed, or aging systems are replaced. Drawing on experience from other group personnel or outside knowledge.

In accordance with Environmental Permitting Regulations 2010 and our permit EPR/BN0112IN, Anochrome Ltd must comply with the following conditions and reporting schedule:

Parameter no.	Emission point	Reporting Period	Report ref
Hydrogen Chloride	A1, A2, A3, A4, A5	Annually	A1
Suspended solids	S1	Every 6 months	S1
Free Cyanide CN	S1	Every 6 months	S1
Mercury	S1	Annually	S1
Cadmium	S1	Annually	S1
Chromium	S1	Every 6 months	S1
Zinc	S1	Every 6 months	S1
Flow	S1	Every 6 months	S1
Flow instantaneous	S1	Every 6 months	S1
Water usage	n/a	Annually	WU1
Energy usage	n/a	Annually	E1
Waste Disposal / and recovery	n/a	Annually	R1



Anochrome Limited has an environmental policy that is at the heart of the environmental system, as follows:

Environmental Policy

The Anochrome Group fully adopts the disciplines of environmental, quality, health & safety management, as they are an integral part of our management system.

As policy our business will:

- Comply with all applicable laws and regulations regarding our field and strive to exceed them.
- Keep up to date with environmental information and our risk-based thinking.
- Follow the route of continuous improvement and best use of our resource in our environmental management to achieve waste reduction and energy savings.
- Communicate our environmental objectives and performance against these objectives throughout the group and to any interested parties on request.
- Ensure that activities are safe for employees, associates, customers, suppliers, and others who encounter our work by reducing the use of harmful substances wherever practicable.
- Work closely with our customers and suppliers to establish the highest environmental standards.
- Adopt a forward-looking view on future business decisions, which may have an impact on the environment.
- Train our staff in the needs and responsibilities of environment management with defined roles.
- We attend our Trade Association meetings to discuss legal and environmental implications.
- Develop our environmental system responsibilities with regular internal and external reviews.
- We aim to ensure that all Anochrome Group employees have a understanding of all quality and environmental management systems, thus ensuring compliance to ISO14001 requirements.

Signed:

A handwritten signature in black ink, appearing to read 'Mark Jones'.

Mark Jones
Managing Director

8th December 2023