

Environmental Impact Assessment and Management Policy

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1. Introduction

Purpose: Outline the commitment of Tekt Industries to environmental stewardship, sustainability, and compliance with local and international environmental standards.

Scope: Applicable to all operations, processes, and products of Tekt Industries, including manufacturing, supply chain management, and waste disposal.

References: ISO 14001 (Environmental Management Systems), ISO 14040 (Life Cycle Assessment), Australian Standards for Environmental Management (AS/NZS ISO 14001), and relevant local environmental regulations.

2. Policy Statement

Commitment to Environmental Sustainability: Tekt Industries commits to reducing its environmental footprint through sustainable practices, efficient use of resources, pollution prevention, and continuous improvement of environmental performance.

Legal Compliance: Adherence to all applicable local, state, and international environmental laws and regulations.

3. Organizational Structure and Responsibilities

Environmental Management Team: Establishment of a dedicated team responsible for implementing and monitoring the EIAMP.

Employee Responsibilities: All employees are responsible for adhering to environmental policies and procedures as part of their job duties.

4. Environmental Impact Assessment (EIA)

Assessment Process: Detailed procedures for assessing the environmental impact of new products, processes, or changes within the company.

Criteria for Assessment: Include considerations for resource use, energy efficiency, emissions, waste generation, and potential for pollution.

Stakeholder Engagement: Procedures for involving stakeholders, including local communities, in the assessment process.

5. Environmental Management System (EMS)

Implementation of ISO 14001: Development and implementation of an EMS in accordance with ISO 14001 standards.

Continuous Improvement: Mechanisms for regular review and improvement of environmental performance, including objectives and targets for waste reduction, energy efficiency, and reduction of greenhouse gas emissions.

6. Life Cycle Assessment (LCA)

Product Life Cycle: Conduct LCA for products to identify environmental impacts from raw material extraction through manufacturing, use, and disposal.

Sustainable Design: Incorporate LCA results into product design and development processes to minimize environmental impacts.

7. Waste Management

Waste Reduction: Strategies for minimizing waste generation through process optimization and material efficiency.

Recycling and Reuse: Implement programs for recycling and reuse of materials within the manufacturing process and product design.

8. Energy and Resource Management

Energy Efficiency: Identify and implement measures to reduce energy consumption and improve energy efficiency in all operations.

Resource Conservation: Strategies for conserving water and other critical resources throughout the manufacturing process.

9. Compliance and Monitoring

Environmental Audits: Regular environmental audits to ensure compliance with this policy, legal requirements, and continuous improvement of environmental performance.

Reporting: Establish reporting mechanisms for environmental performance to stakeholders, including compliance with the Global Reporting Initiative (GRI) standards.

10. Training and Awareness

Employee Training: Regular training programs for employees on environmental policies, practices, and their role in environmental stewardship.

Stakeholder Awareness: Initiatives to raise awareness among stakeholders, including customers and the community, about environmental efforts and achievements.

11. Review and Improvement

Policy Review: Regular review of the EIAMP to ensure it remains relevant and effective in achieving its environmental objectives.

Feedback Mechanism: Establish a feedback mechanism to incorporate suggestions from employees, stakeholders, and environmental audits into the continuous improvement process.

12. Glossary

Term	Definition
Environmental Impact Assessment (EIA)	A process of evaluating the potential environmental effects of a proposed project or development, considering inter-related socio-economic, cultural, and human-health impacts.
Environmental Management System (EMS)	A framework that helps an organization achieve its environmental goals through consistent review, evaluation, and improvement of its environmental performance.
ISO 14001	An international standard that specifies requirements for an effective environmental management system (EMS).
Life Cycle Assessment (LCA)	A technique for assessing the environmental aspects and potential impacts associated with a product, process, or service, by compiling an inventory of relevant energy and material inputs and environmental releases.
Sustainable Design	The creation of products and processes that minimize environmental impact, conserve energy and natural resources, and are economically viable and safe for employees, communities, and consumers.
Waste Management	The collection, transport, processing, recycling or disposal, and monitoring of waste materials.
Energy Efficiency	The goal to reduce the amount of energy required to provide products and services.
Resource Conservation	The practice of managing the use of natural resources efficiently and sustainably.
Environmental Audits	A systematic, documented verification process of evaluating an organization's environmental performance against its environmental policies and objectives.
Global Reporting Initiative (GRI)	An international independent standards organization that helps businesses, governments, and other organizations understand and communicate their impacts on issues such as climate change, human rights, and corruption.
Stakeholder Engagement	The process by which an organization involves people who may be affected by the decisions it makes or can influence the implementation of its decisions.
Pollution Prevention	The use of processes, practices, materials, or products to avoid, reduce, or control (directly or indirectly) the pollution and waste they generate.
Compliance	The act of adhering to, and demonstrating adherence to, external laws and regulations as well as corporate policies and procedures.
Continuous Improvement	An ongoing effort to improve products, services, or processes over time.
Environmental Performance	A measure of how well an organization or project is managing its environmental footprint by minimizing waste and emissions, conserving resources, and reducing impacts on natural habitats.

13. Revision History

Version	Date	Author	Change Control	Summary of Updates
1	28/02/2024	M J Adams	NA	• Initial release