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ISO 14001 ENVIRONMENTAL MANAGEMENT POLICY

ORGANISATION: FUTUREKIDS / SKILLSPRO GROUP

SECTION Policy

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ISO 14001 Report for Futurekids SA MagBot

1. Introduction

- **Overview:** Futurekids SA focuses on developing innovative educational products while adhering to sustainable practices. The MagBot, designed to enhance STEML learning, is crafted with environmental considerations at every stage from concept to disposal.
- **Purpose of ISO 14001:** The ISO 14001 certification reflects Futurekids SA's commitment to managing environmental responsibilities systematically, thus promoting sustainability and regulatory compliance.

2. Scope of the Environmental Management System (EMS)

- **Areas Covered:**
 - Design and development processes of the MagBot.
 - Manufacturing processes, including raw material sourcing and production methods.
 - Logistics and distribution phases, considering transportation emissions.
 - Usage phase impacts, focusing on energy consumption during operation.
 - End-of-life management, including recycling and waste disposal.
- **Exclusions:** Activities outside the direct control of Futurekids SA, such as third-party logistics providers not adhering to sustainability practices.

3. Environmental Policy

- **Commitment to Sustainability:** Futurekids SA is dedicated to reducing its environmental footprint while promoting educational engagement through the MagBot.
- **Waste Reduction**
 - **Objective:** Achieve a 30% reduction in production waste by 2026.
 - **Strategies:**
 - Implementing lean manufacturing techniques to minimize material waste.
 - Enhancing recycling practices during the production process.
- **Sustainable Materials Sourcing**
 - **Objective:** Source at least 50% of materials from recycled or sustainably sourced materials by 2027.
 - **Strategies:**

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- Establishing partnerships with suppliers who prioritize sustainable practices.
 - Researching and integrating alternative materials that are eco-friendly.
- **Energy Efficiency**
 - **Objective:** Reduce energy consumption in production by 20% by 2028.
 - **Strategies:**
 - Investing in energy-efficient machinery and technologies.
 - Conducting energy audits to identify areas for improvement and implementing energy-saving measures.
- **End-of-Life Management**
 - **Objective:** Launch a take-back program for end-of-life MagBots to promote recycling and reduce landfill contributions.
 - **Strategies:**
 - Creating a user-friendly return process for customers to send back old MagBots.
 - Partnering with recycling facilities to ensure responsible disposal and recycling of returned products.
- **Emissions Reduction**
 - **Objective:** Decrease greenhouse gas emissions associated with logistics and distribution by 15% by 2028.
 - **Strategies:**
 - Optimizing transportation routes and methods to reduce fuel consumption.
 - Exploring partnerships with eco-friendly logistics providers.
- **Water Conservation**
 - **Objective:** Reduce water usage in manufacturing processes by 20% by 2028.
 - **Strategies:**
 - Implementing water recycling systems in production facilities.
 - Training staff on water conservation practices.
- **Employee Engagement in Sustainability**
 - **Objective:** Increase employee participation in sustainability initiatives by 50% by 2027.
 - **Strategies:**
 - Organizing regular training sessions and workshops on sustainability practices.
 - Establishing a recognition program for employees who contribute to environmental initiatives.
- **Continuous use:**

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- **Objective:** To recycle own used material
 - The target is set to build a small recycling plant to recycle 80% of raw printable 3D-plastic material by 2030.
- **Strategies:**
 - Build a recycling plant
 - Organizing regular training sessions and workshops on sustainability practices.

4. Environmental Aspects and Impacts

- **Identification of Aspects:**
 - **Material Sourcing:** The impact of resource extraction and production of raw materials.
 - **Energy Consumption:** Emissions generated during manufacturing and usage of the MagBot.
 - **Waste Generation:** Assessing the implications of packaging and disposal of non-recyclable materials.
- **Impact Assessment:** Classifying impacts as significant or minor based on criteria such as frequency, severity, and compliance requirements.

5. Legal and Other Requirements

- **Regulatory Compliance:**
 - Identification of local and international environmental regulations applicable to product safety, waste disposal, and emissions.
 - Regular updates on legal requirements to ensure compliance.
- **Monitoring Procedures:** Implementing a schedule for reviewing legal compliance, ensuring that all activities related to the MagBot meet necessary regulations.

6. Objectives and Targets

- **Specific Goals:**
 - **Energy Efficiency:** Reduce energy consumption in production by 20% by 2028 through the adoption of energy-efficient technologies.
 - **Take-Back Program:** Launch a take-back initiative for end-of-life MagBots to encourage recycling and reduce landfill contributions.
- **Performance Indicators:**
 - Track energy usage, percentage of recycled materials, and waste reduction metrics quarterly.

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7. Roles and Responsibilities

- **Environmental Manager:**
 - Responsible for overseeing the implementation and maintenance of the EMS.
 - Coordinates training, monitoring, and reporting on environmental performance.
- **Departmental Roles:**
 - **Design Team:** Ensure sustainable practices in material selection and product design.
 - **Production Team:** Implement waste reduction strategies and monitor compliance with EMS.
 - **Logistics Team:** Optimize transportation methods to minimize carbon footprint.

8. Training and Awareness

- **Employee Training Programs:**
 - Conduct training sessions on environmental policies, procedures, and sustainability practices for all employees.
- **Awareness Campaigns:**
 - Initiatives such as “Green Days” to promote eco-friendly practices and engage employees in sustainability efforts.

9. Communication

- **Internal Communication:**
 - Regular updates through newsletters and meetings to discuss environmental performance and initiatives.
- **External Communication:**
 - Sharing sustainability achievements and goals with stakeholders, including customers and partners, through reports and social media.

10. Monitoring and Measurement

- **Data Collection:**
 - Implementing systems for continuous monitoring of energy consumption, waste generation, and recycling rates.
- **Performance Reviews:**
 - Conducting quarterly assessments of environmental performance against set objectives and targets.

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11. Non-Conformance and Corrective Actions

- **Identification of non-conformities:**
 - Establishing a reporting system for employees to flag any environmental non-compliance or issues.
- **Corrective Actions:**
 - Developing action plans to address non-conformities, including timelines and responsible parties for resolution.

12. Management Review

- **Frequency:**
 - Conducting annual management reviews of the EMS to evaluate its effectiveness and alignment with business goals.
- **Discussion Points:**
 - Review of environmental objectives, performance metrics, audit findings, and opportunities for improvement.

13. Continuous Improvement

- **Feedback Mechanisms:**
 - Encouraging suggestions from employees and stakeholders on enhancing sustainability practices.
- **Action Plans:**
 - Developing and implementing strategies for ongoing improvements in environmental performance and compliance.

Conclusion

Futurekids SA is committed to maintaining an effective Environmental Management System in compliance with ISO 14001 standards. The focus on sustainability in the design and production of the MagBot reflects a deep Futurekids SA' commitment to responsible corporate citizenship and environmental stewardship.

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