



RAVIRAJ FOILS LIMITED.

EHS PROCEDURE

HR DEPARTMENT

PAGE NO

Page 1 of 3

TITLE: Procedure for Environmental Life Cycle Assessment - Disclosure

DOC. NO.

RFL/EHS/PR/104

REV. NO.

00

EFFECTIVE DATE

20/08/2024

REVIEW DATE

19/08/2025

SUPERSEDES

NIL

1. Purpose

This procedure outlines the methodology for conducting Environmental Life Cycle Assessments (LCA) of the products manufactured by Raviraj Foils Ltd. and the process for disclosing these assessments to ensure transparency and compliance with environmental standards.

2. Scope

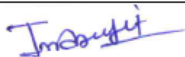
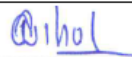
This procedure applies to all products manufactured by Raviraj Foils Ltd. and covers the entire life cycle from raw material acquisition through manufacturing, use, and end-of-life disposal.

3. Definitions

- **Life Cycle Assessment (LCA):** A technique to assess environmental impacts associated with all the stages of a product's life.
- **Cradle-to-Grave:** A full LCA from resource extraction ('cradle') to disposal phase ('grave').
- **ISO 14040:** The international standard covering principles and framework for conducting and reporting an LCA.

4. Responsibilities

- **EHS Manager:** Oversees the LCA process and ensures compliance with ISO 14040.
- **Product Development Team:** Provides product-specific data and supports the LCA process.
- **Marketing and Communications Team:** Responsible for the public disclosure of LCA results.
- **Quality Assurance Team:** Verifies the accuracy of the LCA data and results.

PREPARED BY:	CHECKED BY:	APPROVED BY:
		
Safety Officer	Sr. EHS Officer	HR - Head
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EHS PROCEDURE

HR DEPARTMENT	PAGE NO	Page 2 of 3
TITLE: Procedure for Environmental Life Cycle Assessment - Disclosure	DOC. NO.	RFL/EHS/PR/104
	REV. NO.	00
	EFFECTIVE DATE	20/08/2024
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5. Procedure

5.1 LCA Planning and Data Collection

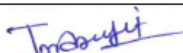
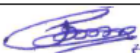
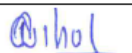
- **Define Goals and Scope:** Clearly define the purpose, scope, and intended application of the LCA according to ISO 14044.
- **Data Collection:** Collect comprehensive data covering all phases of the product lifecycle, ensuring data quality and reliability.

5.2 LCA Impact Assessment

- **Impact Analysis:** Conduct an impact assessment to quantify environmental impacts using software tools and databases aligned with ISO standards.
- **Interpretation:** Analyze results to identify significant impact areas and opportunities for environmental performance improvement.

5.3 Disclosure of LCA

- **Report Preparation:** Prepare a detailed LCA report that includes methodology, data sources, impact assessment results, and interpretation.
- **Internal Review:** Before public disclosure, the report undergoes a review by the Quality Assurance Team.
- **Public Disclosure:**
 - **Website:** Publish the LCA report on the company's website.
 - **Annual Environmental Report:** Include LCA highlights in the annual environmental sustainability report.
 - **Stakeholder Communications:** Communicate relevant LCA findings to stakeholders through newsletters, emails, and other communication channels.

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HR DEPARTMENT	PAGE NO	Page 3 of 3
TITLE: Procedure for Environmental Life Cycle Assessment - Disclosure	DOC. NO.	RFL/EHS/PR/104
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5.4 Regular Review and Updates

- **Review Schedule:** Review and update the LCA every three years or sooner if significant changes occur in production processes, material sources, or environmental impact.
- **Continuous Improvement:** Use LCA findings to drive improvements in product design, material selection, and manufacturing processes to minimize environmental impact.

6. Documentation and Record Keeping

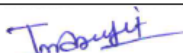
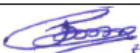
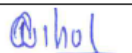
Maintain comprehensive records of all LCA activities, including data collection forms, impact reports, stakeholder feedback, and revision documents.

7. Training and Awareness

Provide ongoing training for staff involved in LCA processes to ensure they are aware of updates in LCA methodology and ISO standards.

8. Revision History:

Sr. No.	Issue Date	Reason for revision	Revision No.	Obsolete Doc No.
1	20/08/2024	First Issue	00	-

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