



RAVIRAJ FOILS LIMITED.

EHS PROCEDURE

HR DEPARTMENT

PAGE NO

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DOC. NO.

RFL/EHS/PR/59

REV. NO.

00

EFFECTIVE DATE

20/08/2024

REVIEW DATE

19/08/2025

SUPERSEDES

NIL

TITLE: Aluminium Process Scrap Policy

1. Purpose

The purpose of this Aluminium Process Scrap Policy is to establish a framework for minimizing the generation of aluminum process scrap within Raviraj Foils Ltd.'s operations and ensuring that all generated scrap is effectively collected, recycled, and reused. This policy also emphasizes the importance of separating aluminum alloys and grades for optimal recycling outcomes.

2. Scope

This policy applies to all facilities and operations of Raviraj Foils Ltd. that involve the production, processing, or conversion of aluminum. It covers all aluminum-based product lines and focuses on the management of aluminum process scrap generated during production.

3. Core Principles

Minimization of Scrap: We are committed to minimizing the generation of aluminum process scrap at all stages of production, focusing on process efficiency and waste reduction.

Targeted Recycling: We target 100% collection, recycling, and/or reuse of all aluminum process scrap generated within our operations.

Alloy Separation: We prioritize the separation of aluminum alloys and grades to enhance the quality and recyclability of the scrap, supporting closed-loop recycling systems where feasible.

PREPARED BY:

CHECKED BY:

APPROVED BY:

Safety Officer

Sr. EHS Officer

HR - Head

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4. Aluminium Process Scrap Management Framework

4.1 Minimization of Aluminium Process Scrap

Process Optimization: For each aluminum-based product line, we identify all process steps and production areas where aluminum process scrap is generated. Specific measures are implemented to minimize scrap generation, including continuous process optimization and the application of business excellence programs.

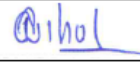
Types of Scrap: The types of aluminum process scrap considered include run-around scrap, fabrication scrap, scalplings, edge and end trim, and discrepant product. These are regularly analyzed to identify areas for improvement.

Employee Awareness and Training: We enhance employee awareness and knowledge regarding aluminum scrap and its economic value through in-house communication and training programs. This includes quantifying scrap amounts and visualizing data to reinforce the importance of scrap minimization.

4.2 Collection, Recycling, and Reuse of Aluminium Scrap

100% Collection Target: Raviraj Foils Ltd. is committed to achieving a 100% collection rate for all aluminum process scrap. Collected scrap is either recycled or reused within our operations or in collaboration with external recycling partners.

Scrap Management Plan: We maintain a scrap management and recycling plan, which is regularly updated to maximize the benefits of scrap recycling. This plan may be a stand-alone document or integrated into our existing waste or materials management plan.

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4.3 Separation of Aluminium Alloys and Grades

Alloy Separation: Where feasible, we separate aluminum alloys and grades to improve the recyclability and material integrity of the scrap. This includes evaluating the feasibility of refined alloy separation for reuse in similar quality product applications.

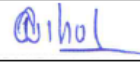
Grouped Alloy Families: In cases where refined separation is not practical, we group aluminum process scrap by alloy families to facilitate recycling. This approach supports better material integrity and enhances the quality of recycled aluminum.

Investment in Segregation Systems: Where necessary, we invest in segregation systems to support closed-loop recycling. However, the costs and benefits of such investments are carefully evaluated to ensure they are economically viable.

5. Documentation and Monitoring

Systems Documentation: We maintain comprehensive documentation of all processes related to aluminum process scrap management, including objectives, procedures, and performance metrics.

Monitoring and Reporting: We continuously monitor the generation, collection, and recycling of aluminum process scrap and report on progress through regular internal reviews. Corrective actions are implemented as needed to achieve our scrap management objectives.

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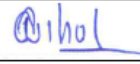
6. Review and Continuous Improvement

Policy Review: This Aluminium Process Scrap Policy will be reviewed at least every five years or as needed based on changes in industry standards, technological advancements, or business operations. The review process will include input from senior management and relevant stakeholders.

Continuous Improvement: We are committed to continuously improving our aluminum process scrap management practices, exploring new technologies and methods to further reduce waste and enhance recycling efforts.

7. 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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