

# RecyClass

## AUDIT SCHEME MODULE B: COSMETICS & HOUSEHOLD APPLICATIONS

### RECYCLING PROCESS CERTIFICATION

#### RECYCLED PLASTICS

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## 1. INTRODUCTION

Module B describes a set of additional requirements for *Recycling Process/es* with a *Recycled Output* intended for cosmetics and household care applications.

Recyclers applying for *Certification* may extend the conformity of the core requirements with this module for added recognition. *Certification* does not evaluate the resulting quality of *Recycled Output* or its chemical composition or NIAS to determine the safety of its use. This is out of scope of *Certification*.

This module is optional.

## 2. MODULE B CERTIFICATION DETAILS

### SECTION B.1 ADMINISTRATION

#### B.1.1 INTERNAL AUDITING

There is an internal system in place in order to verify the traceability established in the *Site*. There is at least a yearly check of such system where a *Batch of Recycled Output* is proven to be traceable to an *Incoming Input* and its supplier.

*Assessment level Category 2*

### B.2 INPUT REQUIREMENTS

#### B.2.1 BATCH DEFINITION

*Recycler* defines Batches of *Input Plastic Waste*, *Recycled Output* and any other intermediate process.

*Assessment level Category 1*

#### B.2.2 BALES INPUT QUALITY CONTROL

*Recycler* has structured and consistent procedures in place to determine the quality of incoming bales of *Input Plastic Waste* against specification. There is an internal procedure for the quality check specifying the batch size and the frequency of testing. There is a procedure to process complying batches and reject or treat adequately non-compliant batches. Results of the quality check must be documented and stored.

*Assessment level Category 1*

## SECTION B.3 RECYCLING PROCESS PARAMETERS

### B.3.1 USE OF CHEMICALS

Use of any chemicals within the Recycling Process do not introduce a safety risk in the final product. This includes but it is not restricted to lubricants and detergents.

*Assessment level Category 1*

### B.3.2 WASHING PROCESS CONTROL PARAMETERS

The washing process parameters are internally described. There is a SOP in place to monitor the values of the controlled parameters to ensure compliance with the determined parameters for washing of the flakes. Any deviation is recorded and managed. Any changes on the control parameters are duly justified and recorded.

*Assessment level Category 1*

### B.3.3 RINSING PROCESS CONTROL PARAMETERS

The rinsing process parameters are internally described and show the efficiency of the rinsing process. There is a SOP in place to ensure the monitoring of the parameters and the compliance with the determined control parameters. Any deviation is recorded and managed. Any changes on the control parameters are duly justified and recorded.

*Assessment level Category 1*

### B.3.4 RECYCLING PROCESS CONTROL PARAMETERS

The recycling process parameters are internally described. A report is available showing the efficiency of the process to remove any contaminants the *Input Plastic Waste*. There is a SOP in place to ensure the monitoring of the parameters (e.g., washing temperatures, pressures, flowrates...) and records proving compliance with the acceptable ranges internally described. Any deviation is recorded and managed. Any changes in the control parameters are duly justified and recorded.

*Assessment level Category 1*

## SECTION B.4 CONTROL ON RECYCLED OUTPUT

### B.4.1 INTENDED USE IDENTIFIABLE

The intended use of *Recycled Output* (household or cosmetic applications) must be clearly detailed in relevant documentation (e.g., Technical Data Sheet sales records, etc.).

*Assessment level Category 1*

## B.4.2 TECHNICAL REPORT

For each *Recycled Output* product, a technical report should be available containing:

- (a) A summarized description of the recycling process
- (b) A short description of the sampling strategy
- (c) A brief description of the analytical testing to monitor the contaminants
- (d) Statistical data on the monitoring of the contaminants (e.g. substances and materials impurities)
- (e) Estimation of the migration levels to the final product (if available)
- (f) Risk assessments of contaminants (if needed)
- (g) Discussion reasoning any discrepancies observed between contaminants levels in the input plastic waste and in the recycled output

*Assessment level Category 1*

## B.4.3 LABELLING OF RECYCLED OUTPUT

*Recycler* has a labelling procedure in place for all individual *Batches* of *Recycled Input*. Labelling may be omitted from fixed containers mounted in installations or on vehicles.

*Assessment level Category 2*

## SECTION B.5 QUALITY MANAGEMENT

### B.5.1 QUALITY ASSURANCE

*Recycler* has a risk-based approach to determine the frequency of testing and quality control procedures based on its *Input Plastic Waste* and *Recycling Process*. There is a procedure in place and corrective actions are implemented when needed.

*Assessment level Category 1*

### B.5.2 ANTI CROSS-CONTAMINATION MEASURES

There are internal procedures established within the daily operation of the *Site* to prevent cross-contamination of material.

*Assessment level Category 1*

### B.5.3 MONITORING OF CONTAMINANTS

*Recycler* has a procedure in place to monitor the contaminants both in the *Input Plastic Waste* and in the *Recycled Output*. A specific sampling procedure should be defined for this test. Records of the generated data are available for *Batches* of *Recycled Output* finding their way in household and cosmetic applications. The data must be in line with the agreed customer's specifications.

*Assessment level Category 1*

## B.5.4 MIGRATION MODELLING

*Recycler* has studies available on migration modelling based on the type of polymer used in the packaging, the intended use and the use conditions.

*Assessment level Category 2*

## B.5.5 BATCH RECALL PROCEDURE

*Recycler* has an internal system in place to remove a batch of material from its current classification if the requirements such as monitoring of contaminants testing are not met. The system and previous recalls are documented.

*Assessment level Category 1*

## SECTION B.6 HEALTH AND SAFETY

### B.6.1 ACCESS RESTRICTIONS

All areas of the *Site* are restricted to personnel only. There is a system in place to register and record visitors.

*Assessment level Category 1*

### B.6.2 FIRE RISK MANAGEMENT

There is a SOP in place to ensure that fire risk within the recycling plant is minimised.

*Assessment level Category 1*

### B.6.3 CONTROL SYSTEM

*Recycler* has a pest control system in place for *Site*.

*Assessment level Category 2*

## 1. ANNEX I: TABLE OF CHANGES

Version	Date	Section	Update description
1.1	June 2023	All	Update of the non-conformities description

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