



## Environmental Choice<sup>M</sup> Program Panel Review Process

# VERIFICATION AND LICENSING CRITERIA CCD-119

### PRODUCT TYPE: DENTAL AMALGAM RECOVERY SYSTEM

#### Notice

Throughout this document, any reference to a standard or guideline means to its latest edition.

The Environmental Choice<sup>M</sup> Program (ECP) reserves the right to accept equivalent test data for the test methods specified in this document.

#### Interpretation

1. In this set of requirements, please note the following definitions:

“Chain of Custody” tracking forms or procedure for tracking to ensure final disposition of mercury amalgam.

“Recovery of mercury” means reclaiming mercury from spent dental office waste water solutions, or from liquid or solid wastes prior to disposal. All resulting silver levels must be measured using either Atomic Absorption (AA) Spectrometry or Inductively Coupled Plasma (ICP) Spectrometry.

“Recovery of silver” means reclaiming silver from spent dental office waste water solutions, or from liquid or solid wastes prior to disposal. All resulting silver levels must be measured using either Atomic Absorption (AA) Spectrometry or Inductively Coupled Plasma (ICP) Spectrometry.

#### General Requirements

2. In order to minimize the solid waste burden, conserve resources, and reduce quantities and impacts of toxic substances and other pollutants associated with packaging, the ECP requires the submission of an attestation of commitment to the objectives of the National Packaging Protocol.
3. To be authorized to carry the EcoLogo<sup>M</sup>, the *dental amalgam recovery system* must:

- (a) meet or exceed all applicable governmental and industrial safety and performance standards; and
- (b) be provided in such a manner that all steps of the process, including the disposal of waste products arising therefrom, will meet the requirements of all applicable governmental acts, by laws and regulations including, for facilities located in Canada, the *Fisheries Act* and the *Canadian Environmental Protection Act (CEPA)*.

## Product Specific Requirements

- 4. To be authorized to carry the EcoLogo, the *dental amalgam recovery system* must:
  - (a) achieve a 98.8% efficiency in mass reduction in the rate of dental amalgam to the sanitary sewer as per *ISO 11143*.
  - (b) provide the additional support of mercury harvesting services to the user;
  - (f) provide the additional support, optional to the user, of licensed pick-up of hazardous waste and other waste materials. "Chain of Custody".

## Verification

- 5. To verify a claim that a service meets the criteria listed in this document, the ECP will require access, as is its normal practice, to relevant quality control and production records and the right of access to production facilities on an announced basis.
- 6. Compliance with requirement 3(b) shall be attested to by a signed statement of the Chief Executive Officer or the equivalent officer of the licensee. The ECP shall be advised in writing immediately by the licensee of any noncompliance which may occur during the term of the license. On the occurrence of any noncompliance, the license may be suspended or terminated as stipulated in the license agreement.

## Conditions for EcoLogo Use

- 8. The EcoLogo may appear on retail or wholesale products, signs or sign boards, point-of-purchase displays, delivery vehicles, and any accompanying advertising or corporate literature provided the service meets the requirements in this document.
- 9. All licensees and authorized users must comply with the ECP's *Guide to Proper Use of the EcoLogo<sup>M</sup>* regarding the format and usage of the EcoLogo.
- 10. Any accompanying advertising must conform with the relevant requirements stipulated in this guideline, the license agreement and the ECP's *Guide to Proper Use of the EcoLogo<sup>M</sup>*.