

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

**VERIFICATION AND LICENSING  
CRITERIA  
CCD-096**



**PRODUCT TYPE: GARMENT CLEANING SERVICES**

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:

"dry cleaning process" means the process of removing dirt, grease, paints and other stains from wearing apparel, textiles, fabrics, rugs, etc., by the use of perchlorethylene or hydrocarbon solvents;

"dry cleaning service" means a service that performs the physical process of dry cleaning as well as the complete management of this process, as provided to the customer, and that may offer off-site wet cleaning on request;

"dry-to-dry refrigerated dry cleaning machine" means perchloroethylene or hydrocarbon dry cleaning equipment with a refrigerated system that reduces solvent emissions. Cleaning extraction and drying take place in the same unit that is not vented to a control device or to the atmosphere;

"fully enclosed system" means a system in which the washing and drying is done in a single machine that is not vented to either a control device or the atmosphere;

“garment cleaning service” means a wet cleaning service, a dry cleaning service, or a service that provides both;

"hydrocarbon dry cleaning process" means dry cleaning by the use of a petroleum distillate such as Stoddard and 140-F solvents;

"perchloroethylene or perc" means an aliphatic chlorinated hydrocarbon having the chemical structure  $\text{Cl}_2\text{C}=\text{CCl}_2$ ;

"recovery tumbler" means any equipment in which solvent-cleaned textiles are tumbled, agitated and dried or deodorized while circulating heated air through the load to remove the solvent. In addition solvent vapours are reclaimed;

"reusable fabric bag" means a fabric bag that can be cleaned and is colourfast;

"solvent mileage" means the kilograms of solvent consumed per 1000 kilograms of garments cleaned;

“specialty detergents” means detergents designed specifically for use in the Green Clean<sup>M</sup> process;

“steam-cleaning” means using steam to remove surface dirt, or to freshen a garment with minimal odour or stains;

“transfer system” means a system in which the washing and drying of garments are carried out in separate machines;

"washable and/or drycleanable" means able to be washed in warm water according to CGSB standard CAN/CGSB-4.2 No.58-M91, *Textile Test Methods: Colourfastness and Dimensional Change in Domestic Laundering of Textiles* (referring to Washing Symbol No.2 as defined in Table 1 of CGSB standard CAN/CGSB-86.1-M91 *Care Labelling of Textiles*) and/or drycleanable as per industry practice;

"waste products" means any solid, liquid and gaseous products arising from the operation of a dry cleaning facility or a clothes drop-off depot where used;

“wet-cleaning process" means the process of removing dirt, grease, paints and other stains from wearing apparel, textiles, fabrics, rugs, etc., by immersing garments in water and specialty detergents and washing either by hand or by using a programmable machine; and

“wet cleaning service” means a service that performs the physical process of wet cleaning as well as the complete management of this process, as provided to the customer, and that may offer off-site dry cleaning on request;

## General Requirements

2. To be authorized to carry the EcoLogo<sup>M</sup>, the garment cleaning service must:
  - (a) meet or exceed all applicable governmental and industrial safety and performance standards;  
and

- (b) be manufactured and transported 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

- 3. To be authorized to carry the EcoLogo, the garment cleaning service must :
  - (a) have a reusable washable or drycleanable fabric bag packaging system and/or have a program for the collection and delivery of plastic bags to recycling services;
  - (b) have in place a program to reuse hangers;
  - (c) where applicable, employ a means to recirculate the used cooling water, to ensure water conservation;
  - (d) where drains exist, employ a means for the containment of solvent spills such as hub drains or tile berms; and
  - (e) have measures in place to ensure garments destined for wet-cleaning are not dry-cleaned;
- 4. To be authorized to carry the EcoLogo, the garment cleaning service must meet criteria specific to its sub-category.
  - 4.1 Dry cleaning services must:
    - (a) comply with the *Environmental Code of Practice for the Reduction of Solvent Emissions from Dry Cleaning Facilities*, Canadian Council of Ministers of the Environment (CCME-EPC/AITG-50E, December 1992);
    - (b) employ only operators that are certified under Ontario Dry Cleaning Training Regulation 323/94 or equivalent training requirements established by the CCME;
    - (c) if using perchlorethylene,
      - (i) use dry-to-dry refrigerated or fully enclosed perchlorethylene dry cleaning equipment; and
      - (ii) achieve a perchlorethylene mileage rate not exceeding 20 kg per 1000 kg garments cleaned as a quarterly average, for machines purchased before 1 January, 1996; or
      - (iii) achieve a perchlorethylene mileage rate not exceeding 10 kg perchlorethylene per 1000 kg garments cleaned as a quarterly average for machines purchased after January 1, 1996;
    - (d) if using hydrocarbons,
      - (i) use a recovery tumbler; and

- (ii) achieve a solvent mileage rate not exceeding of articles cleaned per litre of solvent (65 kg of solvent per 1000 kg of garments cleaned) as a quarterly average.

4.2 Wet-cleaning services must:

- (a) when sending garments off-site for dry-cleaning that cannot be wet-cleaned (or sending for dry-cleaning as requested by the customer) use dry-cleaning facilities that meet requirements in Section 4.1 of this guideline;
- (b) provide training or employ only operators that are trained in wet-cleaning processes;
- (c) follow the protocols as set out in *“The Green Cleaner’s Manual”*, published by The Green Clean Project; and
- (d) use the following equipment:
  - (i) front-end loading wet-cleaning equipment with programmable cycles that include the following features:
    - gentle action wash speed and agitation ( 5-10 units);
    - controls for wash and rinse time, temperature, water level and chemical injection;
    - gentle range extraction speed and time (200-300 rpm);
  - (ii) drying equipment with programmable cycles to automatically control temperature, time and humidity; and
- (e) provide information that promotes wet-cleaning as a suitable alternative to dry-cleaning for most garments.

4.3 Garment cleaning services that offer both wet and dry cleaning processes on-site must:

- (a) meet the requirements of Section 4.1 of this guideline for its dry cleaning processes;
- (b) meet the requirements of Section 4.2 of this guideline for its wet cleaning processes; and
- (c) provide information that promotes wet-cleaning as a suitable alternative to dry-cleaning for most garments.

## Verification

- 5. To verify a claim that a product 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 2(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

7. The EcoLogo may appear on wholesale or retail packaging, or on the product itself, provided that the product meets the requirements in this document.
8. 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.
9. 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>*.

**INACTIVE**