

Nordic Ecolabelling of
Alternative Dry Cleaning



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Nordic Ecolabelling

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Appendix 1 Marketing of Nordic Ecolabelled Alternative dry cleaning

Appendix 2 Analysis and test laboratories

Alternative Dry Cleaning 094, version 1.4, 15 November 2011

This document is a translation of an original in Norwegian.

In case of dispute, the original document should be taken as authoritative.

Addresses

In 1989, the Nordic Council of Ministers decided to introduce a voluntary official ecolabel, the Swan. These organisations/companies operate the Nordic Ecolabelling system on behalf of their own country's government. For more information, see the websites.

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What is Nordic Ecolabelled alternative dry cleaning?

The Nordic dry cleaning industry produces roughly 1000-2000 tonnes of organic solvent emissions, of which the majority are perchloroethane (PERC). PERC is environmentally harmful and suspected to be both carcinogenic and teratogenic.

Nordic Ecolabelled alternative dry cleaning is the cleaning of textiles without the use of volatile organic solvents. Nordic Ecolabelled alternative dry cleaning uses chemicals that are non-toxic and environmentally suitable. The cleaning agents and surfactants in the chemical preparations (stain removers and finishing agents) are readily biodegradable and do not have long-term effects on health or the environment. Nordic Ecolabelled alternative dry cleaning enables all types of textiles to be cleaned with excellent results. An example of a cleaning method that can be Nordic Ecolabelled is CO₂ cleaning possibly in combination with wetclean.

Why choose the Nordic Ecolabel?

- The cleaners may use the Nordic Ecolabel trademark, the Swan, for marketing. The Nordic Ecolabel is a very well-known and well-reputed trademark in the Nordic region.
- The Nordic Ecolabel is a cost-effective and simple way of communicating environmental work and commitment to customers and suppliers.
- Environmentally suitable operations prepare the cleaners for future environmental legislation.
- Environmental issues are complex. It can take a long time and extensive resources to gain an understanding of a specific area. Nordic Ecolabelling can be seen as an aid in this work.
- The Nordic Ecolabel not only covers environmental issues but also quality requirements, since the environment and quality often go hand in hand. This means that a Nordic Ecolabel licence can also be seen as a mark of quality.

What can carry the Nordic Ecolabel?

Cleaners offering dry cleaning services can be Nordic Ecolabelled, i.e. providers of mechanical textile cleaning using chemical cleaning fluids. Wet cleaning, which is a special form of cleaning that uses water in the cleaning process, see definition in ISO 3175-4. Wetcleaning can be Nordic Ecolabelled where this is offered as a supplement to one or more dry cleaning methods.

Laundry is not included in the product group. Cleaners that use laundry for a minor part of the cleaning can be Nordic Ecolabelled if laundry is not used for more than 30% of the total amount of textiles cleaned. Laundries that provide water-based washing services for trade, industry and public enterprise can be Nordic Ecolabelled in accordance with the criteria document “Ecolabelling of Laundries”, version 1.1 or later.

How to apply

Each requirement is marked with the letter R (requirement) and a number. All requirements must be fulfilled to be awarded a licence.

Icons in the text

The text describes how the applicant shall demonstrate fulfilment of each requirement. There are also icons in the text to make this clearer. These icons are:

☒ Enclose

ℙ The requirement checked on site

Application

The application shall be sent to Nordic Ecolabelling in the country in which the applicant carries on activities. See page 2 for addresses. The application documents comprise an application form and documentation demonstrating fulfilment of the requirements (specified in the criteria).

Further information and assistance may be available. Visit the Web site of the national ecolabelling body for more information.

On-site inspection

In connection with handling of the application, Nordic Ecolabelling normally performs an on-site inspection to ensure adherence to the requirements. For such an inspection, data used for calculations, original copies of submitted certificates, test records, purchase statistics, and similar documents that support the application must be available for examination.

Costs

An application fee is charged to companies applying for a licence. There is an additional annual fee based on the turnover of the Nordic Ecolabelled dry cleaning.

Enquiries

Please contact Nordic Ecolabelling if you have any queries or require further information. See page 2 for addresses.

1 Environmental requirements

Are the requirements met?

R1 Description of the cleaners

Yes No

Describe the cleaners and how this fulfils the definition of what can be Nordic Ecolabelled.

- Description as specified above. If the licence application is for only part of the cleaners, enclose a description of the traceability of processes and chemicals (see "What can carry the Nordic Ecolabel?").

Appendix No _____

R2 Cleaning fluids

Yes No

The use of volatile organic compounds for textile cleaning is prohibited. Volatile organic compounds refers to organic substances with a vapour pressure of 0.01 kPa or greater at 293.15 K.

- Summary of which cleaning fluids are used and their vapour pressures. Safety data sheets for the chemical cleaning fluids.

Appendix No _____

R3 Classification of chemicals

Yes No

Chemical products that are used for textile cleaning must not be classified in any of the following danger classes (with applicable risk phrases in parenthesis):

carcinogenic with symbol T (R45, R49)

carcinogenic with symbol Xn (R40)

reproductive toxic with symbol T (R60, R61)

reproductive toxic with symbol Xn (R62, R63)

causing heritable genetic damage with symbol T (R46)

causing heritable genetic damage with symbol Xn (R68)

very toxic with symbol T+ (R26, R27, R28, R39)

toxic with symbol T (R23, R24, R25, R39, R48)

harmful with symbol Xn (R40, R48)

allergenic with symbol Xn (R42)

allergenic with symbol Xi (R43)

environmentally hazardous with symbol N (R50, R50+R53, R51+R53, R59)

environmentally hazardous without symbol (R52+R53, R52, R53)

in accordance with EU Directive 1999/45/EEC.

- Safety data sheet according to Directive 2001/58/EC.

Appendix No _____

R4 Readily biodegradable surfactants

Yes No

Surfactants in chemicals that are released into the sewage network must be readily biodegradable according to test method 301 A-F in OECD guidelines for the testing of chemicals or equivalent test methods. The rule about "10-day window" does not apply

- Documentation with reference to the DID-list of 15 June 2004 or later. If a surfactant is not included on the DID-list, other documentation must be provided, such as test reports, literature references and analogue observations performed by an independent third party. Requirements regarding laboratories can be found in Appendix 2.

Appendix No _____

DID-list: Detergents Ingredients Database.

- R5 Anaerobically biodegradable surfactants** Yes No
 Surfactants in chemicals that are released into the sewage network must be anaerobically biodegradable, i.e. at least 60% biodegradable under anaerobic conditions, in accordance with ISO 11734, ECOTOC nr 28 (June 1988) or equivalent test method.
 Exception: surfactants in stain removers, used in quantities not exceeding 0,2g/kg washed goods are exempted from the requirement on anaerobic biodegradability
- See R4.
- R6 LAS, APEO and APD** Yes No
 Chemicals used for textile cleaning must not contain linear alkyl benzene sulphonates (LAS), alkylphenol ethoxylates (APEO) or alkylphenol derivatives (APD).
- Declaration of fulfilment of the requirement from the chemical supplier. Appendix No _____
- R7 Laundry detergents** Yes No
 Laundry detergents (see the limitations under “What can carry the Nordic Ecolabel”) must fulfil the Nordic ecolabelling criteria for professional laundry detergents version 1.0 or later.
- Product names and license number, or documentation from the producer showing that the requirements are fulfilled Appendix No _____
- R8 Energy consumption** Yes No
 Washing machines must have an energy consumption of no more than 0.5kWh/kg cleaned textiles. This applies to all washing machines, including dry cleaning, wet cleaning and laundry.
- Measurements or calculations of the energy consumption Appendix No _____

2 Performance requirements

Are the requirements met?

- R9 Cleaning performance** Yes No
 The cleaners must demonstrate that cleaning performance is satisfactory for the applicable textile types and soiling. The results of laboratory or service tests must be documented.
- Laboratory/service test results. If the machine and chemical supplier have performed testing that documents the performance of a cleaning system, this documentation can be used. Appendix No _____

3 Quality and regulatory requirements

Are the requirements met?

To ensure that Nordic Ecolabelling requirements are fulfilled, the following procedures must be implemented.

If the cleaners environmental management system is certified to ISO 14 001 or EMAS, and the following procedures implemented, it is sufficient for the accredited auditor to certify that the requirements are observed.

R10 Legislation and regulations

The licensee must guarantee adherence to safety regulations, working environment legislation, environmental legislation and conditions/concessions specific to the operations at all sites where the Nordic Ecolabelled product is manufactured.

No documentation is required, but Nordic Ecolabelling may revoke the licence if the requirement is not fulfilled.

Yes No

R11 Nordic Ecolabel licence person

The company shall appoint a person responsible for ensuring the fulfilment of Nordic Ecolabelling requirements and a contact person for communications with Nordic Ecolabelling.

A chart of the company's organizational structure detailing who is responsible for the above.

Yes No

Appendix No _____

R12 Documentation

The licensee must be able to present a copy of the application and factual and calculation data supporting the documents submitted on application (including test reports, documents from suppliers and suchlike).

Checked on site.

Yes No

Appendix No _____

R13 Quality

The licensee must guarantee that the quality of the Nordic Ecolabelled dry cleaning is maintained throughout the validity period of the licence.

Procedures for collating and, where necessary, dealing with claims and complaints regarding the quality of the Nordic Ecolabelled dry cleaning.

Yes No

Appendix No _____

R14 Planned changes

Written notice must be given to Nordic Ecolabelling of planned changes that have a bearing on Nordic Ecolabelling requirements. Unplanned non-conformities that have a bearing on Nordic Ecolabelling requirements must be reported to Nordic Ecolabelling in writing and journalized.

Copy of procedures.

Yes No

Appendix No _____

R15 Marketing

Marketing of the Nordic Ecolabelled cleaners must follow "Regulations for the Nordic Ecolabelling of products" of 22 June 2011 or later.

Appendix 1.

Yes No

Appendix No _____

Marketing

The Nordic Ecolabel is a very well-known and well-reputed trademark in the Nordic region. The Nordic Ecolabelled dry cleaning may be marketed using the Nordic Ecolabel so long as the associated licence is valid.

The label must be positioned so that there is no doubt as to what the label refers and so that it is clear that the dry cleaning is ecolabelled.

More information on marketing can be found in "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions.

Design of the Nordic Ecolabel

Design of the Nordic Ecolabel:



licence number

Each licence has a unique six-figured licence number that must be displayed along with the label.

More information on the design of the label can be found in "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions.

Follow-up inspections

Nordic Ecolabelling may decide to check whether the textile service fulfils the Nordic Ecolabel requirements during the licence period. This may involve a site visit or random sampling.

The licence may be revoked if it is evident that the dry cleaning does not meet the requirements.

How long is a licence valid?

Nordic Ecolabelling adopted the criteria for Alternative dry cleaning on 23 March 2006. The criteria are valid until 31 March 2009.

On 29 October 2007 the Secretariat Manager's Meeting prolonged the validity period of the criteria document until 30 June 2010. The new criteria version is called 1.1.

On 5 May 2009 the Secretariat Manager's Meeting prolonged the validity period of the criteria document until 31 December 2010. The new criteria version is called 1.2.

On 11 November 2009 the Secretariat Manager's Meeting prolonged the validity period of the criteria document until 31 December 2012. The new criteria version is called 1.3.

On 15 November 2011 the Secretariat Manager's Meeting prolonged the validity period of the criteria document until 31 March 2014. The new criteria version is called 1.4.

The ecolabel licence is valid providing the criteria are fulfilled and until the criteria expire. The validity period of the criteria may be extended or adjusted, in which case the licence is automatically extended and the licensee informed.

Revised criteria shall be published at least one year prior to the expiry of the present criteria. The licensee is then offered the opportunity to renew their licence.

Appendix 1 Marketing of Nordic Ecolabelled Alternative dry cleaning

We hereby certify that we are well acquainted with the regulations governing the use of the Nordic Ecolabel, as detailed in "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions. We agree to follow these regulations when marketing the Nordic Ecolabelled alternative dry cleaning.

Further, we confirm that we are familiar with the criteria document regarding the Nordic Ecolabelling of Alternative dry cleaning.

We undertake to advise those individuals within the company involved in marketing the Nordic Ecolabelled dry cleaning of the criteria for the Nordic Ecolabelling of Alternative dry cleaning and "Regulations for the Nordic Ecolabelling of products" 22 June 2011 or later versions.

Date och place	Company
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Signature, contact person

Clarification of name	Phone
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Signature, marketing director

Clarification of name	Phone
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In case of a change in personnel, a new declaration must be submitted to Nordic Ecolabelling

Appendix 2 Analysis and test laboratories

Requirements on the analysis laboratory

The analysis laboratory used shall fulfil the general requirements of standard EN ISO 17025 or have official GLP status.

The applicant's analysis laboratory/test procedure may be approved for analysis and testing if:

- sampling and analysis is monitored by the authorities, or
- the manufacturer's quality assurance system covers analyses and sampling and is certified to ISO 9001 or ISO 9002, or
- the manufacturer can demonstrate agreement between a first-time test conducted at the manufacturer's own laboratory and testing carried out in parallel at an independent test institute, and the manufacturer takes samples in accordance with a fixed sampling schedule.