

APPLICATION PACK FOR THE ECOLABEL

(THE FLOWER)



PART 2: Application form for vacuum cleaners

Insert name of Competent Body and contact details (address, telephone and fax numbers, Email address)

Date of issue:

Introduction

1. This part contains an application form for applicants for the Ecolabel for vacuum cleaners, plus the full technical criteria for a vacuum cleaner (in Annex 1) and a list of approved test centres (in Annex 2).

Product group definition and criteria

2. The product group definition for vacuum cleaners is set out below:

The product group “**vacuum cleaners**” shall comprise all self-contained vacuum cleaners, such as cylinder and upright vacuum cleaners, which are fit to aspirate dust on surfaces of at least 10 m² per use

.

The following are excluded :

- ◆ cordless vacuum cleaners
- ◆ battery operated vacuum cleaners
- ◆ central vacuum cleaning systems

3. Criteria for the Ecolabel for vacuum cleaners have been agreed by taking into account various impacts at each step of the product’s life, such as air pollution. They are listed in the formal Commission Decision of **[insert date]** (see Annex 1).
4. The criteria aim in particular at promoting
 - ◆ the reduction of environmental damage or risks related to the use of energy (global warming, acidification, depletion of non renewable resources) by reducing energy consumption.
 - ◆ The reduction of environmental damage related to the use of natural resources by encouraging the durability, recyclability and maintainability of a vacuum cleaner (hereinafter referred to as the product).
 - ◆ The reduction of environmental damage or risks related to the use of hazardous substances by reducing the use of such substances.
5. More specifically, they aim at encouraging the implementation of best practice (optimal environmental use) and enhancing consumers’ environmental awareness. Furthermore, the marking of plastic components encourages recycling. The criteria are set at levels that promote the labelling of vacuum cleaners that are produced with low environmental impact.

6. The criteria will be valid for four years (from 1 April 2003 until 31 March 2007), and will be revised during the year 2007. During the period leading up to the revision, due attention will be given to the following issues:
- Energy consumption in relation to dust removal, taking into account the development of related test methods at European level (CENELEC) and the energy label
 - Cord rewinding
 - Ergonomic design
 - On-off switch durability
 - Including cordless, battery powered and hand held cleaners
 - Lead-free soldering
 - The requirements for plastic parts, including the 25 g threshold, other risk phrases (eg R40, R49, R62, R63, R68), short chain chloro-paraffins, and flame retardants
 - The use of smart chips
 - the degree of recyclability

Health, safety and other environmental requirements

7. Products awarded Ecolabels must also comply with the general provisions of the Regulation. Article 2 of the Regulation states that the label may not be awarded to substances or preparations classified as very toxic, toxic, dangerous to the environment, carcinogenic, toxic for reproduction, or mutagenic in accordance with Council Directive 67/548/EEC or Directive 1999/45/EC, or to goods manufactured by processes which are likely to significantly harm man and / or the environment, or which in their normal application could be harmful to the consumer.



Application for the EU Ecolabel for vacuum cleaners

Section 1 of this form provides information on the applicant and the product. Compliance is shown by a mixture of tests and applicant's declarations, as indicated in Section 2 of the form.

Applicants should complete Sections 1 and 2 of this form (in black, either typescript or manuscript) and submit in duplicate - as a paper copy, not by e-mail - to the Competent Body.

Applicants should also provide a technical dossier of laboratory test reports, and send this in duplicate to the Competent Body, and keep an up-to-date file on their premises to show continuing compliance with the criteria. The dossier should include an illustration of how applicants intend to use the Ecolabel on the product and packaging, so that the Competent Body can satisfy itself that the label will be properly used.

Section 1 – models of letter and documents to fill by applicant

<i>Please complete or type in black, and submit in duplicate (as a paper copy, not by e-mail) to the Competent Body</i>	<i>For official use</i>
A. The applicant	
Full name of applicant company:	
Address:	
Contact name, and function:	
Tel no, and fax no:	
Website:	
E-mail:	
In what capacity are you applying for the Ecolabel? (manufacturer, importer, service provider, trader or retailer)	

B. The product	
Registered trade name of product or product range, and any trademarks:	
Model or internal reference number(s):	
Please describe the type of product:	
Name and address of manufacturing site (if different from above):	
Countries where these products will be sold	
Other countries in which this product is manufactured in the same form:	
<p>Estimated value of annual sales, excluding VAT, in the European Community, of the product at ex-factory prices (in Euros): ie before transport to the purchaser's premises or there is a wholesaler's or retailer's profit – so excluding the cost of carriage, carriage insurance, and settlement discounts, but including any bulk discount (which is where the customer is offered a percentage reduction in the total price when ordering large quantities of goods).</p> <p>Estimated annual number of articles produced (</p>	

C. This application	
<p>Is this the first application for the EU Ecolabel for this product? (if not, when and where was the first application made, and with what outcome?)</p> <p>Is this an application to add a new product (that is, with a technical formulation not covered by an existing Ecolabel that you hold) to a licence for a product range already covered by an Ecolabel? (if so, please give details of the existing Ecolabel)</p>	
<p>Please name any other environmental labelling schemes under which the product has already been registered, such as the NF Environnement, Energy label:</p>	
<p>Does the laboratory where the tests were conducted meet the general requirements expressed in standard EN ISO 17025:</p>	
<p>The Competent Body will invoice applicants for a non-returnable application fee on receipt of the application. If the application is successful, the Competent Body will invoice the licensee for an annual fee, as explained in Part 1 of this pack. It will apply all relevant reductions.</p> <p>1. Do you wish to claim a fee reduction as an SME? If so, please provide proof of status.</p> <p>2. Do you wish to claim a fee reduction for EMAS registration or ISO 14001 certification? If so, please provide proof of status.</p> <p>3. Where the product uses components for which an Ecolabel fee has already been paid, the annual fee will be based on the annual sales of the products after deduction of the cost value of the components. Do you wish to claim a reduction on these grounds? Please provide details if relevant.</p>	

D. Applicant's undertaking (all applicants must sign and date this undertaking: Regulation EC No 1980 / 2000 is shown in Part 3 of this application pack)

As the applicant for an EU Eco-label, I hereby declare that:

I understand and accept the provisions of Regulation EC No 1980 / 2000 on the EU Ecolabel scheme, and in particular Article 2, which states that the Ecolabel may not be awarded to goods manufactured by processes which are likely to significantly harm man and / or the environment, or which in their normal application could be harmful to the consumer;

I understand and accept the standard assessment and contract procedures proposed by the Competent Body, and accept its terms during the duration of the contract;

I undertake to ensure that the product complies with the Ecolabel criteria at all times and to notify the Competent Body immediately of any significant modification to it or to the production processes;

I take responsibility for the correct and proper use of the EU Ecolabel.

Signed:

Name in capitals:

Position in company:

Date:

E. Distributor's undertaking not to modify the product as licensed (to be drawn up on applicant's headed note paper), other than by substituting the trademark's distributor for the manufacturer's trademark

As the distributor for an EU Eco-label vacuum cleaner, I hereby declare that:

I, the undersigned,.....,

Acting in the capacity of (1)

Whose head office is situated in

Siret n°

Identification of the product(s) applicant :

Manufactured by :.....on.....

“Undertake not to modify the product as licensed, other than by substituting my trademark for the manufacturer's trademark”]

Signed:

Commercial stamp of distributor:

Date:

(1) person bearing the legal responsibility

Section 2 – Compliance undertakings : Summary of tests and results

This summary sets out the criteria and test methods prescribed in the Commission Decision applicable to vacuum cleaners.

All the test reports presented to prove the compliance of the product to community eco-label criteria must come from the authorised laboratories

1. DESCRIPTION OF THE PRODUCT

Name of the product	
Manufactured at	
Range Cylinder vacuum cleaner Upright vacuum cleaner Vacuum cleaner without bag	
Reference n°:	

Part 2

CRITERIA REQUIRED AND WAYS TO PROVE

Criteria	Requirement	Data to bring for the application file
<p>Criterion 1</p> <p>Energy consumption and dust removal efficiency</p>	<p>a) After 5 strokes on a Wilton carpet, the dust removal efficiency shall be at least 70% and the energy consumed shall be less than 345 Wh</p> <p>b) After 1 stroke on the hard floor* surface specified in point 5.2 Of EN 60312, the dust removal efficiency shall be at least 98% and the energy consumed shall be at least than 69 Wh</p> <p>*The hard floor surface shall consist of untreated stratified pinewood or of a board equivalent to a minimum of 15 mm of thickness</p>	<p>The applicant shall provide the Competent Body with tests results from the laboratory. The test must be carried out with an empty bag or dust container/ reservoir (as applicable)</p> <p>For the test a the dust covered part of the carpet is 0,7m x the outside width of cleaning head less 20 mm, see IEC 60312, 2.3.2</p> <p>For the test b the dust covered part of the floor test plate is 0,7 x 1?0 m (see IEC 60312 2.1.2)</p>
<p>Criterion 2</p> <p>durability</p>	<p>a) the motor shall have a lifetime of at least 550 hours</p> <p>b) the power nozzle shall have a lifetime of at least 1000 drum rotations</p> <p>c) the hose shall have a lifetime of at least 40 000 oscillations</p> <p>d) the main on-off switch shall function both mechanically and electrically at least 2500 times</p> <p>e) the manufacturer shall offer a commercial guarantee to ensure that the vacuum cleaner will function for at least 2 years. This guarantee shall be valid from the date of delivery to the customer</p> <p>f) the availability of all replacement parts necessary to ensure correct functioning of the product shall be guaranteed for at least 10 years from time that production ceases</p>	<p>Test report shall be provided to the competent body following test method IEC 312 article 19.1 or EN 60 312</p> <p>Test following Article 20.1 de l'IEC 312 or EN 60312</p> <p>Test report following IEC 312 article 20.2 or EN 60 312</p> <p>A test report indicating the procedure followed shall be provided. The test shall be made on the vacuum cleaner with the nozzle disconnected</p> <p>The applicant shall provide to the competent body a copy of the guarantee given with the product</p> <p>The applicant shall provide a declaration on honour / a signed declaration confirming conformity with this criteria</p>

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Criteria	Requirement	Data to bring for the application file
<p>Criterion 3 Recyclability, take back and recycling</p>	<p>a) the manufacturer shall check the disassembly of the product and provide a disassembly report that shall be made available to third parties on request</p> <p>b) the electrical parts shall be mechanically connected so as to facilitate disassembly and recycling</p> <p>c) the metal parts shall be easily accessible so as to facilitate disassembly and recycling</p> <p>d) the vacuum cleaner (including the power nozzle and the hose) shall not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs) and/or polybrominated biphenyl ethers (PBDEs), except as allowed in the annex to Directive 2002/./EC of the European Parliament and of the Council of On the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its subsequent amendments.</p> <p>e) Plastic parts shall contain no metal inlays that cannot be separated</p> <p>f) Plastic parts heavier than 25 grams shall not contain flame retardant substances or preparations containing substances, that are assigned or may be assigned at the time of application any of the risk phrases R45, R46, R50, R51, R52, R53, R60 or R61 as defined in Council Directive 67/548/EEC of 27 June 1967 on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.</p> <p>h) Plastic parts heavier than 25 grams shall have a permanent marking identifying the material, in conformity with ISO 11469</p> <p>i) the manufacturer shall offer the take back for recycling of the product, and of any component being replaced, except dust bags and filters. This shall be free of charge, except where local or national authorities have established a fee for this.</p>	<p>For each criterion the applicant shall provide a declaration to these effects together with appropriate supporting documentation</p> <p>For b, c and e a disassembly report shall be provided by the applicant</p> <p>For b the documentation shall indicate the design of the product and the mechanical connections between the electrical parts</p> <p>Details of flame retardants used shall be given in the documentation</p>

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Criteria	Requirement	Data to bring for the application file
Criterion 4 Noise	The noise shall be declared on the product and shall not exceed 76 dBA (reference 1 picowatt)	The applicant shall provide a test report , using test method EN 60 704-2-1 and the declaration of the noise shall be made according to method EN 60 704-3
Criterion 5 Dust emissions	a) the quantity of dust emitted (Q) shall be less than per 0,01 mg/m ³ b) the dust filters shall be replaceable and/or washable and shall be light coloured	The applicant shall provide a test report using test method EN 60 312 The applicant shall provide a declaration of compliance with this requirement
Criterion 6 Suction head motion resistance	The suction head motion resistance shall be less than 25 N	The applicant shall provide a test report using test method EN 60 312
INFORMATION FOR CONSUMERS		
Criterion 7 User instructions and information	All relevant user information shall be provided with the product (on the notice and/or on the packaging) a) information that the energy consumed during use can be significantly reduced if the dust container or bag is emptied when full b) recommendation that the vacuum cleaner should be switched off when not actually being used c) information on the guarantee and the availability of spare parts d) information about the fact that the product has been designed to enable proper recycling and should not be thrown away. Advice on how the consumer can make use of the manufacturer's take-back for recycling offer e) information that the product has been awarded the Flower (the EU ecolabel) with a brief explanation as to what this means together with an indication that more information on the ecolabel can be found at the web-site address : http://europa.eu.int/ecolabel f) information on the various maintenance procedures, in particular changing bags (or emptying the dust container) and filters g) an indicator shall indicate when the bag or dust container is full and needs replacing or emptying, unless this is clearly visible during normal use h) information on the weight of the product	The applicant shall provide the text of the notice or commercial documentation and the copy of the instruction manual For the requirement g a declaration shall be provided
INFORMATION APPEARING ON THE ECOLABEL		
Criterion 8	Box 2 of the ecolabel shall include the following text : <ul style="list-style-type: none">• Efficient cleaning, low dust emissions, low noise• Low energy consumption• Improved durability and recyclability	This information shall appear near the logo, the flower on the packaging or on the product. If the text is too long for the product the logo at least must appear on the vacuum cleaner The applicant shall provide a copy of the ecolabel as it appears on the product and/or on the packaging and/or accompanying documentation

The information required to show compliance with each of the criteria is as follows;

	Test report	Declaration
Criterion 1	X	
Criterion 2	X	X
Criterion 3		X
Criterion 4	X	
Criterion 5	X	
Criterion 6	X	
Criterion 7		X

SUMMARY MATRIX OF DOCUMENTATION TO BE PROVIDED TO COMPETENT BODY

	First application	Other application for new product	Prolongation application for a new brand
Letter of application and undertaking			
Model A	X		
Model B	X	X	
Model C	X	X	
Model D	X	X	
Model E Distributor's undertaking			X
Technical file			
Declaration on honour / signed declaration for all criteria	X	X	
Tests result (criteria 1, 2, 4,5 and 6	X	X	
Copy of the guarantee (criterion 2)	X X	X	
Disassembly report (criterion 3)	X	X	
Declaration on the noise (criterion 4)	X	X	
Model of packaging	X	X	X

This information must be collated in a dossier to demonstrate that the product complies with the criteria. If the application is successful, the applicant will be expected to retain the dossier and keep it up to date for the duration of the licence.

Two copies of the form and dossier must be signed where shown, and submitted by post (not e-mail) with the application forms to the Competent Body at the address on the cover of this pack.

Annex 1

Commission Decision on ecolabel criteria for vacuum cleaners

** This annex is provided by a hyperlink where the application pack is sent out by e-mail, or as a paper copy when the application form is sent by post.*



Annex 2

Approved test centres

Verifications should be carried out by reliable laboratories with experience in this field. Applicants may use test centres which are accredited under the requirements of EN ISO 17025 (which replaces EN 45001), or equivalent standards.

This Annex shows approved test centres in Europe which are willing to carry out verifications under the scheme. The Competent Body welcomes suggestions for further additions.

FRANCE

CTTN-IREN

Monsieur RIBES
BP 41
69130 ECULLY CEDEX
Tel : +33 (4) 78 33 08 61

FINLAND

Dust removal efficiency

TTS Institute

Kiljavantie 6
P.O. Box 13, FIN 05201 Rajamäki
Finland
Tel : +358 9 2904 1239
Fax : +358 9 2904 1201
Email : arja.rytkonen@tts.fi

For dust emissions, noise and energy consumption

VTT Industrial systems

Product safety, testing
P.O. Box 13001
FIN-33101 Tampere
Finland
Tel : + 358 3 316 3299
Fax : + 358 3 316 3499
Email : Esa.Sitari@vtt.fi

GERMANY

Sächsische Landesgewerbeanstalt

Burgstättenstr 20
09232 Hartmannsdorf
Tel : +49 3722 73 20 3

Landesgewerbeanstalt Bayern

Postfach 30 22
Tillystrasse 2
90014 Nürnberg
Tel : + 49 911 655 50
Fax : +49 911 655 4235
Email : lga@lga.de

UNITED KINGDOM

Intertek Testing Services
ITS-RTC
Davy Avenue
Knowlhill
MK5 8NL
UK

Tel: +44 (0)1908 857 704
Fax: +44 (0)1908 85 7830
E-mail: Joanna.carlo@its-rtc.co.uk
Web: www.its-rtc.co.uk