

## Product application checklist

Please complete in BLOCK CAPITALS

### Boilers: Condensate pumping equipment

Manufacturer/supplier name: \_\_\_\_\_

ETL licence number (if applicable): \_\_\_\_\_

Applicant's name: \_\_\_\_\_

Telephone number: \_\_\_\_\_

#### Product information

Application reference: \_\_\_\_\_

Product name: \_\_\_\_\_

Model number: \_\_\_\_\_

Please complete each section of this form based on your product's characteristics. Incomplete or incorrect data could affect the processing of your product application.

Each product application should be made on a separate form unless a product's design characteristics are common to all the products. In this instance a single application can be made for multiple products.

#### 1. Product testing and certification

No

Yes

Where type testing has been used to demonstrate product performance please ensure that the information supplied is sufficient to demonstrate the performance of all products for which applications are being made.

1.1 Does the product conform to the requirements of the EU Pressure Equipment Directive PED 97/23/EC in respect of its design, manufacture and testing procedures?

1.2 How was the product(s) performance tested? (Please select one).

- a) Tested in the manufacturer's in-house laboratory, in accordance with a registered Quality Management System (i.e. 'self-tested').
- b) Tested in a laboratory either in house or on-site, witnessed by an independent body (i.e. 'witnessed testing').
- c) Tested by an independent laboratory (i.e. 'independent testing').

Please refer to Section 2 of ECA Guidance Note 5 "ECA Testing Programme: Energy Technology List (ETL) Product Testing Framework" for details of the requirements that must be satisfied for each of these product testing options.

1. Product testing and certification (continued)		No	Yes
1.3	Where product testing has been done in accordance with a registered Quality Management System, what is its registration number?		
1.4	Where product testing has been witnessed by an independent body, what was the name of the witness? <i>(Please include contact details).</i>		
1.5	Where products have been tested by an independent laboratory:		
	a) What is the name of the independent laboratory?		
	b) What is the laboratory's registration number (where accredited)?		

2. Product type		No	Yes
2.1	Does the product incorporate the following features?		
	a) A powered pumping mechanism whose operation is not solely reliant on steam pressure at the condensate inlet.	<input type="checkbox"/>	<input type="checkbox"/>
	b) A control mechanism that automatically prevents live steam entering the condensate return line.	<input type="checkbox"/>	<input type="checkbox"/>
	c) A valve that prevents reverse flow of condensate through the product.	<input type="checkbox"/>	<input type="checkbox"/>

3. Product features		No	Yes
3.1	Does the product meet the stated performance at 2% and 100% of the design flow capacity?	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Is the product able to return condensate to the boiler house when the pressure at the product's condensate inlet does not exceed 0 bar and there is a backpressure on the product's condensate outlet of at least 1 bar?	<input type="checkbox"/>	<input type="checkbox"/>

4. Summary of documents to be included	No	Yes
<b>Please send ONE copy of each of the following documents:</b>		
<b>If the relevant information in support of the questions above is contained within a larger document, please indicate the location of the relevant information. Note that all documentation submitted must directly refer to the model numbers for which you are making this application. Documentation should be added to your online application at <a href="http://etl.decc.gov.uk/etl">http://etl.decc.gov.uk/etl</a>, or (if prior to 2nd February 2013) be sent to the ETL Co-ordinator through <a href="mailto:ECAQuestions@carbontrust.co.uk">ECAQuestions@carbontrust.co.uk</a></b>		
a. A technical sales brochure or leaflet for the product clearly summarising:		<input type="checkbox"/>
i) The key features of the product (ideally including photographs of the product's exterior).		<input type="checkbox"/>
ii) The product's operation (i.e. in-built functionality) and intended applications (i.e. usage).		<input type="checkbox"/>
iii) Any product selection options (including optional extras, alternative configurations etc.).		<input type="checkbox"/>
<i>This documentation should contain sufficient detail to enable the assessor to confirm that the proposed entry on the Energy Technology Product List (ETPL) is correct, and uniquely represents a single product of fixed design (as defined by the rules of the ECA Scheme). If the model names contain any 'wildcards' in respect of cosmetic variations please check with ECA Questions that this is permitted before submitting your application.</i>		
b. A technical specification for the product, including:		<input type="checkbox"/>
i) Details of the model numbers covered (including individual features of each model).		<input type="checkbox"/>
ii) The product's design ratings (electrical, mechanical, thermal, flow rates, energy use etc.).		<input type="checkbox"/>
iii) A description of how to install the product including connection/wiring diagrams. Where the product must be assembled, configured and/or commissioned on site before use, please include instructions.		<input type="checkbox"/>
<i>This documentation should contain sufficient detail to enable the assessor to confirm that each product entry on the Energy Technology Product List (ETPL) has the design features specified in the eligibility criteria for that category of product. Please indicate on the checklist where information on specific design features is located in the documentation.</i>		
c. Evidence that the product meets the performance criteria, including:		<input type="checkbox"/>
i) Test reports showing product performance at the standard rating/test conditions.		<input type="checkbox"/>
ii) Details of the test procedures/standards used to determine product performance.		<input type="checkbox"/>
iii) A declaration certifying the accuracy of the test reports and confirming that:		<input type="checkbox"/>
• The test facilities complied with the minimum specifications outlined in the test standard, and the required test conditions where applied during testing.		<input type="checkbox"/>
• All measurement equipment used in testing was calibrated by an accredited laboratory, or its calibration is otherwise traceable back to national standards.		<input type="checkbox"/>
• Appropriate quality assurance procedures have been used to verify or cross-check the accuracy and repeatability of the test procedures and test results.		<input type="checkbox"/>
<i>Please note that summary test reports will only be accepted, where the accuracy of the test reports has been certified by a recognised independent body, or where two detailed test reports have been submitted per product range and per laboratory used.</i>		
<i>Please refer to Section 4 of ECA Guidance Note 5 "ECA Testing Programme: Energy Technology List (ETL) Product Testing Framework" for further guidance on the submission of test results, and minimum information requirements.</i>		
d. A Declaration of Conformity with EU Directives on product safety, including:		<input type="checkbox"/>
i) EU Pressure Equipment Directive PED 97/23/EC.		<input type="checkbox"/>
e. Evidence that a quality assurance system/procedures is/are in place to:		<input type="checkbox"/>
i) Control the specification, design, manufacturing and testing of the products.		<input type="checkbox"/>
f. Signed application checklist.		<input type="checkbox"/>
<i>Please note that all product documentation provided must be written in, or translated into, English.</i>		

## 5. Declaration

I confirm that the information given above is correct to the best of my knowledge and that I have read and agree to the terms and conditions governing the management of the Enhanced Capital Allowance Energy Technology List (ETL). A copy of the terms and conditions can be found at <http://etl.decc.gov.uk/etl>

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### For more information:

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<http://etl.decc.gov.uk/etl>

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The Carbon Trust works with business and the public sector to cut carbon emissions and capture the commercial potential of low carbon technologies.

An independent expert company originally established by the Government to help the UK meet its climate change obligations through business-focused solutions to carbon reduction, the Carbon Trust receives funds from the Department of Energy and Climate Change (DECC), the Scottish Government and the Welsh Government.

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