

Accelerated Capital Allowances Eligibility Criteria

Category: Process and Heating, Ventilation and Air-conditioning (HVAC) Control Systems**Technology: Hydraulic Power Recovery Turbine (HPRT)**

A HPRT is defined as a device designed for the energy-efficient on-site transfer of liquid and such that it can operate in two modes of operation depending upon the physical flows of fluid required in a system:

Mode 1 - Pump: Utilised to cause the hydraulic flow of a fluid, or increase the hydraulic flow of a fluid, typically water, in a system.

Mode 2 - Turbine: Operates such that the system recovers some of the kinetic energy associated with the flow of a fluid in a circuit and harnesses this to drive a generator or other useful power requirement.

HPRT Eligibility Criteria:

In order to be included on the Specified List, a HPRT must meet *all* of the requirements below.

Note: *Supporting documentation that clearly demonstrates ACA compliance according to the conditions below will be required as part of the ACA checking process. Detailed information on the types of documents accepted can be found in the separate Supporting Documentation guidelines.*

No.	Condition
1.	Be supplied complete with all required equipment to operate in the HPRT mode and be marked as a HPRT. This will include motor/ generator unit, pump/ turbine unit and associated control system and circuitry.
2.	All equipment and/or components must be CE marked as required by the specific EU directive(s).
3.	Appropriate operating and maintenance manuals must be available for the end-user as part of the main contract of sale in order to optimise the achievement of any potential efficiency improvements.

----- End of ACA eligibility criteria -----
Please see next section for technical detail submission and supporting documentation guidance

The following information is not part of the official criteria document published within the relevant statutory Instrument; it has been added here for guidance purposes only in order to provide assistance with the submission of product details and the provision of the required supporting documentation.

Note: All information contained within this guidance document is subject to change without notice

Technical information required in product submission

The following are the specific technical values required as part of the product submission for this technology:

Input power rating

The input power rating in kW of the HPRT is required as a value for the product submission. It must be entered as whole number only (do not include kW symbol). There should also be no spaces or full stops after the number submitted. The figure must comply with the criteria requirements for minimum power rating values.

Supporting documentation required

Described below is the list of documents that are accepted as proof of compliance for the specific HPRT conditions.

Note: This information will only be requested **AFTER** you submit your product's basic details online

Important Notes to Product Providers

Please ensure that you read the "Important Notes to Product Providers" section at the end of this document prior to submitting documentation.

No.	Condition	Supporting Documentation Requirements
1.	Be supplied complete with all required equipment to operate in the HPRT mode and be marked as a HPRT. This will include motor/ generator unit, pump/ turbine unit and associated control system and circuitry.	<p>Official and published manufacturer's technical data sheet or brochure that demonstrates the requirements of the condition.</p> <p><u>AND</u></p> <p>A copy of an official signed statement on headed paper which confirms the condition has been met. Official declarations should explicitly state the product for which the ability to operate in HPRT mode is being confirmed (i.e. do not provide a letter simply stating compliance with the relevant ACA Condition).</p>
2.	All equipment and/or components must be CE marked as required by the specific EU directive(s).	<p>Official and published manufacturer's technical data sheet or brochure that demonstrates CE marking compliance.</p> <p><u>OR</u></p> <p>A copy of an official signed declaration on headed paper which confirms CE marking compliance.</p> <p>Official declarations should explicitly state the product for which CE marking is being confirmed (i.e. do not provide a letter simply stating general compliance with the relevant ACA Condition).</p> <p>Where a document is used to demonstrate conformance for a number of products or range of products it should clearly specify each individual product covered by that document.</p>
3.	Appropriate operating and maintenance manuals must be available for the end-user as part of the main contract of sale in order to optimise the achievement of any potential efficiency improvements.	<p>A copy of an official signed declaration on headed paper which confirms that the appropriate operating and maintenance manuals are provided. Where possible, a link to technical documentation available to download online should be included.</p> <p>NB: A signed declaration is required to comply with this condition in all cases. Submitting copies of user manuals is not sufficient and not required by this condition.</p>

Important Notes to Product Providers

General

There should be a clear link between all supporting documentation supplied and the product being submitted. This will typically take the form of a product code or product name that can be cross referenced between the submitted product and relevant supporting documentation. If product codes / names have been changed since publication of the supporting documentation, then official evidence of this must be provided with the supporting documentation supplied.

Any deviation from these requirements will result in the supporting documentation not being considered adequate for the purposes of demonstrating compliance with the criteria conditions. This will in turn delay the submission and/or result in the product not being considered eligible.

Where the ACA criteria or help documentation reference compliance to appropriate rather than specific standards, the onus is on the product provider to ensure that supporting documentation supplied references recognised standards that apply to the submitted product, i.e. the product must be covered under the scope of a recognised standard.

If any product submitted is later found not to meet the performance or specification criteria, then this product will cease to be considered eligible for the ACA.

Note: When supplying the supporting documentation through the online process you must ensure that the correct page number(s) of the document is referenced when compliance with the relevant condition is being demonstrated. An explanatory note should also be given where more than one page number is referenced.