

BIFCA Energy Efficiency Mark



Overview

The objective of the **BIFCA Energy Efficiency Mark** is to recognise, support and publicise energy conscious companies that by investment and / or best practice operate energy efficient industrial furnaces and can demonstrate a commitment to reducing their energy footprint.

Recipient of the BIFCA Energy Efficiency Mark

The recipient will be a user of an industrial furnace or other thermal processing plant who has been nominated by the plant manufacturer or supplier or the manufacturer or supplier of the thermal processing equipment.

The Award

- **What is it?**

Successful nominees will receive a certificate and be entitled to use the Energy Efficiency Mark on company literature, website, etc. for a period of 4 years.

- **When will it be made?**

A decision on the application will normally be made within 28 days of receipt.

- **Who will decide?**

The decision on an application for a **BIFCA Energy Efficiency Mark** will be made by the BIFCA Executive Committee whose decision is final. The Committee may request that further information be provided to assist them in reaching a decision.

- **Who will present the award?**

The award will be presented to the recipient jointly by BIFCA and the nominating company.

- **Announcement of the award**

A list of successful recipients will be displayed on the BIFCA website and, wherever possible, in the trade and local press.

Application Criteria

An application for the award of the **BIFCA Energy Efficiency Mark** needs to show an energy saving, either actual or predicted. This saving can be measured in several ways, such as:

- an absolute saving in energy used
- an energy saving per unit of product
- a reduction in scrap produced
- a reduction in the cost of energy used

Evidence of energy saving has to be demonstrated, usually by means of a data comparison of energy used before and after the change.

British Industrial Furnace Constructors Association

How to Apply

The proposed recipient of the **BIFCA Energy Efficiency Mark** must be nominated by a supplier of thermal processing equipment. This proposal is made by completing the Application Form and submitting it to BIFCA – all sections of this form must be completed.

Each application for an award costs £349.00 + vat and payment must be made with each submission. An application can be made at any time although only one application can be made per 'energy saving project'

Making an Application

Application for the award of the BIFCA Energy Efficiency Mark is made by completing the form 'Application for the award of the BIFCA Energy Efficiency Mark' (BIFCA/A2042). The following notes should be read in conjunction with the form:

- Date of Application – the date on which the form is submitted to BIFCA
- Nominator – the supplier of the thermal processing equipment
- Nominee – the company that operates the industrial furnace or thermal processing plant and who will receive the award

Application details

Furnace and Equipment – type of furnace or processing plant / fuel or energy source used / energy delivery method i.e. fuel burner – electrical elements – induction – etc / type of control system.

Process/ Application involved – specific details of what the plant is used for – process details.

Energy Saving – has the energy saving stated on the Application Form actually been achieved or is it projected savings yet to be confirmed?

Project Data required

- Date of equipment installation and commissioning
- Was the project for a prototype furnace / plant (i.e., new technology) or established technology?
- Was the project for a complete new furnace / processing plant or a retrofit of existing plant? (e.g. new or updated combustion / heating system)
- Provide details of energy usage before and after the project
- Implementation (actual or predicted) – can the energy savings be verified by the plant owner / operator?

Using the guidelines in the "Application Criteria" section of this document briefly describe what was done to achieve the energy savings and the way the energy savings were measured – if the project falls outside any of the examples shown please provide full details

Payment Details to be completed by the nominator.

(An example of a completed application form is supplied with these notes)

Return the completed application form to:-

BIFCA

National Metalforming Centre
47 Birmingham Road
West Bromwich
West Midlands, UK
B70 6PY

Tel: +44 (0) 121 601 6350
Fax: +44 (0) 121 601 6387
Email: enquiry@bifca.org.uk