

Eco Mark Product Category No.139

“Building Products (Equipment) Version1.0” Certification Criteria

— Applicable Scope —

- A. Fire escape equipment, security system
- B. Plumbing equipment

Established: May 5, 2007 (scheduled)
Term of validity: April 30, 2012

Japan Environment Association
Eco Mark Office

NOTE: This document is a translation of the criteria written in Japanese. In the event of dispute, the original document should be taken as authoritative.

Contents

A. Fire escape equipment, security system

A-1. Gas detector/alarm

B. Plumbing equipment

Category A-1 Gas-leak alarm

1. Applicable Scope

- * Gas-leak alarms for liquefied petroleum gas (LP gas) that are operated electrically and are installed in ordinary household. However, separate-type alarms and central-monitoring-type alarms are excluded in this item.
- * Gas-leak alarms for city gas that are operated electrically and are installed in ordinary household. However, separate-type alarms and central-monitoring-type alarms are excluded in this item.

2. Certification Criteria and Certification Procedure

To show conformance to the individual criteria, the Applicant shall submit the respective Attached Certificate forms duly filled in.

In the event re-examination under the present Certification Criteria is sought for a product that is already certified in the Product Category No.62 “Energy-saving Gas-leak Alarms,” the procedures to show conformance to the applicable criteria 4-2.(5) may be substituted by filling in necessary items on the Attached Certificate form and declaring further therein that no alterations have been made to the product already certified.

2-1. Environmental Criteria and Certification Procedure

- (1) The power consumption of the alarm shall not exceed 1.0 watts in normal operation (monitoring). Provided however that of two- or three-sensor type product that has the functions to detect incomplete combustion gas and fire shall not exceed 1.6 watts in normal operation (monitoring).

[Certification Procedure]

The Applicant shall submit a document (for example, applicable parts of the document for fire equipment inspection, etc.) certifying that the power consumption does not exceed 1.0 watts (1.6 watts in case of two- or three- sensor type product) in normal operation (monitoring).

- (2) Foamed resins used in the product shall not have been made by the use of the five specified CFCs listed in the attached Table 1, other CFCs, carbon tetrachloride, trichloroethane or CFC substitutes (HCFC, HFC).

[Certification Procedure]

The Applicant shall state in the Attached Certificate the conformity or not of the product to this criteria.

- (3) The product shall not contain in its formulation recipe any mercury, cadmium, hexavalent chromium, compounds thereof, polybrominated biphenyl (PBB), polybrominated dipheyl ether (PBDE), or chlorinated paraffin (with chain carbons of 10 – 13 and the chlorine content of no less than 50%). Provided however that the aforesaid substances may be contained to the extent permitted under the Annex “Applications of lead, mercury, cadmium and hexavalent chromium, which are exempted from the requirements of Article 4(1)” to the EU’s Directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (“RoHS”) or under the Directive (91/157/EEC) on Batteries and Accumulators Containing Certain Dangerous Substances.

[Certification Procedure]

The Applicant shall submit a document certifying the presence or absence of the regulated substances.

- (4) Applicable environmental laws and regulations, pollution prevention agreements and any other requirements shall have been observed in the course of the Product manufacture with respect to air pollution, water contamination, noise, vibration, obnoxious odor, emission of hazardous substances, etc.

[Certification Procedure]

The Applicant shall submit a statement signed by the general manager of the manufacturing site of the Product declaring that all applicable environmental laws and regulations and the like have been observed and no violations or the like have been committed during the five-year period preceding the date of application.

2-2. Quality Criteria and Certification Procedure

- (5) Gas-leak alarms for liquefied petroleum gas (LP gas) shall have been found by the standard inspection to conform to the provisions of the “Ministerial Ordinance Concerning Technical Standards, etc. of Liquefied Petroleum Gas.

Gas-leak alarms for city gas shall have passed a test conducted by Japan Gas Appliances Inspection Association.

For the products with detecting function of imperfect combustion, the part for detecting function of imperfect combustion shall have passed a test conducted by The High Pressure Gas Safety Institute of Japan or Japan Gas Appliances Inspection Association. For the product with fire alarm function, the part for fire alarm function shall have passed a test conducted by Japan Fire Equipment Inspection Institute based on the type ministry ordinance and the like.

[Certification Procedure]

With respect to gas-leak alarms for liquefied petroleum gas (LP gas), a document certifying the product’s conformance to the provisions of the “Ministerial Ordinance Concerning Technical Standards, etc. of Liquefied Petroleum Gas” shall be submitted.

With respect to gas-leak alarms for city gas, a document certifying that the product has passed a test conducted by Japan Gas Appliances Inspection Association (such as test result, etc).

With respect to the products with detecting function of imperfect combustion, a document certifying that the product has passed a test conducted by The High Pressure Gas Safety Institute of Japan or Japan Gas Appliances Inspection Association (such as test result, etc).

With respect to the product with fire alarm function, a document certifying that the product has passed a test based on the type ministry ordinance and the like (such as test result, etc).

Established (Version 2.0): May 5, 2007

Validity Period: December 31, 2012

The Certification Criteria for the Product Category will be revised when necessary.