

Technology & Refrigeration Awards 20__

Effective energy utilization is just one of several aspects of facility and building design. The MASHRAE Technology and Refrigeration Awards program recognizes, on national and international scale, successful applications of innovative design, which incorporate Malaysia and/or ASHRAE standards for effective energy management, indoor air quality, and good mechanical design.

Refrigeration shall be defined as any use of mechanical refrigeration machinery for application other than human comfort. In general, this will be for food processing and preservation as well as industrial applications. It could also apply to refrigeration used in manufacturing processes, life support in extreme environments, recreational facilities, or other non-comfort cooling applications.

OBJECTIVES OF THE AWARDS:

- Recognize MASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data
- Communicate innovative systems designs to other MASHRAE members
- Highlight the technological achievements of Malaysian designers, engineers, architects, ESCOs, facilities managers and contractors to others, including associated professionals and societies worldwide, as well as building and facility owners

(A) TECHNOLOGY AWARDS : Category

- | | | |
|--|--|--|
| <p>(i) Commercial Buildings</p> <ul style="list-style-type: none"> a. New b. Existing c. Existing Building Commissioning | <p>(ii) Institutional Buildings</p> <ul style="list-style-type: none"> a. New b. Existing c. Existing Building Commissioning | <p>(iii) Health Care Facilities</p> <ul style="list-style-type: none"> a. New b. Existing c. Existing Building Commissioning |
| <p>(iv) Industrial Facilities</p> <ul style="list-style-type: none"> a. New b. Existing c. Existing Building Commissioning | <p>(v) Public Assembly</p> <ul style="list-style-type: none"> a. New b. Existing c. Existing Building Commissioning | <p>(vi) Residential</p> |

(B) REFRIGERATION AWARDS : Category

- (i) **Refrigeration in Manufacturing Processes**
- a. New Processes
 - b. Existing Processes

Why Should You Join the Competition?

Gain exposure for your business and sharing with industry your technological excellence. Submitting entry for this competition to MASHRAE is a good platform to accentuate the branding of your company nationally, regionally and internationally.

Finalists and winners of MASHRAE Technology and Refrigeration Awards will be qualified for regional ASHRAE Region XIII Technology and Refrigeration Award Competition and the winners of ASHRAE Region XIII Regional Award will have their entries submitted for competition internationally among the 15 regions of ASHRAE worldwide (condition applies).

Winners of the ASHRAE Technology and Refrigeration Awards will be invited to Awards Ceremony of ASHRAE in USA and their winning submissions will be published in ASHRAE Journal which are circulated globally (condition applies).

Nomination Form

Awards Category (Please tick)

(A) TECHNOLOGY AWARDS

- | | |
|--|---|
| <input type="checkbox"/> (i) Commercial Buildings | <input type="checkbox"/> (iv) Industrial Facilities |
| <input type="checkbox"/> a. New | <input type="checkbox"/> a. New |
| <input type="checkbox"/> b. Existing | <input type="checkbox"/> b. Existing |
| <input type="checkbox"/> c. Existing Building Commissioning | <input type="checkbox"/> c. Existing Building Commissioning |
| <input type="checkbox"/> (ii) Institutional Buildings | <input type="checkbox"/> (v) Public Assembly |
| <input type="checkbox"/> a. New | <input type="checkbox"/> a. New |
| <input type="checkbox"/> b. Existing | <input type="checkbox"/> b. Existing |
| <input type="checkbox"/> c. Existing Building Commissioning | <input type="checkbox"/> c. Existing Building Commissioning |
| <input type="checkbox"/> (iii) Health Care Facilities | <input type="checkbox"/> (vi) Residential |
| <input type="checkbox"/> a. New | |
| <input type="checkbox"/> b. Existing | |
| <input type="checkbox"/> c. Existing Building Commissioning | |

(B) REFRIGERATION AWARDS

- (i) **Refrigeration in Manufacturing Processes**
- a. New Processes
- b. Existing Processes

Nomination Details

Name:	
Company Name:	
Email Address:	
Contact No:	

Nomination Fees

MASHRAE, IEM, MGBC, MACRA Member: RM 200.00 per nomination			
Non-member: RM 300.00 per nomination			
Type	Quantity of Nomination	Unit Rates (RM)	Total Fees (RM)
<input type="checkbox"/> Member		RM 200 .00	
<input type="checkbox"/> Non-member		RM 300 .00	

Payment Details

Payable to	Malaysian Chapter of ASHRAE		
Account no.	0141 2341 4366		
Bank	Malayan Banking Berhad (MBB)		
Payment method	Cheque (RM)		Bank Transfer (RM)
	Cheque No & Bank Name		

Submission Requirements

1. **Entries should be submitted electronically in PDF format.** Entries are to be submitted in the following format with no more than thirteen (13) letter size (8½ x 11 inches or S-I equivalent) pages, typed (font 12 characters per inch or equivalent), 1-inch margins, to include: A maximum of ten (10) double-spaced, typewritten sheets (Charts, schematics, graphics are included in the 10-page limit). All pages should be numbered.
2. **The entrant (1) must be a member (any grade) of ASHRAE,** (2) must have a significant role in the project, and (3) must be willing to supply any additional information if requested by the judging panel.
3. **The project must have been in successful operation for at least one year at the time of entry.**
4. All text must be in English. Information should be clear and concise.
5. If the project involves technology which is new and innovative, this feature should be clearly identified.
6. Information may be submitted in I-P or S-I units or a combination of both.
7. Entries should be legible, uncluttered and attractive. Black font should be used for text (colored text should not be used, but color text for schematics is acceptable). The competition does not require nor encourage the entry be professionally produced.
8. Photographs are not necessary but are not discouraged as long as they can be incorporated within the maximum submission page length allowance.

For more information on the judging criteria and helpful hints, please refer to
<https://www.ashrae.org/membership/honors-and-awards/technology-awards-program-overview>

Please make your payment together with the submission of nomination form by
15 April at the latest and email a copy of bank-in / payment slip to mashrae.my@gmail.com for our records.