Chapter Chair:	GAC
Event:	Project committee meeting (2/2024) development of SIRIM Industry Standard on Healthy Purification of Refrigerating Appliances for Household and Similar Use
Organization:	SIRIM STS Sdn Bhd
Government Agency	SIRIM STS Sdn Bhd
Organised By:	SIRIM STS Sdn Bhd
Date:	5th March 2024
Time:	9.30am to 1.30pm
Place:	Bilik ISO, Tingkat 3, Bangunan 3, SIRIM STS Sdn Bhd (Shah Alam)
Report By:	Dr Chin Wai Meng
MASHRAE Rep:	Dr Chin Wai Meng
Air Conditioning industries	Midea (China), Daikin, MACRA
Other participants:	SIRIM, Jabatan Kimia Malaysia, Universiti Malaya, Universiti Teknologi Mara

Report:

The meeting was conducted on a hybrid mode.
The Chairman, En Harun bin Ahmad, welcomed the members of the project committee, both physical and online.
In this meeting, the committee focused on the four Annexes of the draft standard.
a) Annex A: Test method for deodorization performance
Assoc Prof Dr Mohammad Noor Jalil will review the suitability of proposed test method by using the standard test box.
b) Annex B: Test method for anti bacterial performance (film coating method)
The discussion was on two types of materials: 1. non-porous, 2. porous
SIRIM proposed to adopt ISO 22196 for the non-porous surfaces (e.g. metals, plastics, etc.)
SIRIM suggested to use ASTM E2149-10 for the porous surfaces
c) Annex C: Test method for bacterial elimination performance
The discussion was on two types of test: 1. Eliminate bacterial for air, 2. Eliminate bacterial on surfaces
The first test will require a clean room for safety purposes, but SIRIM does not have such facilities.
d) Annex D: Test method for mould prevention performance
The committee proposed to adopt ASTM G21-15 test method

Further technical discussion on the Annexes will continue in the next meeting.

The proposed grading of purification levels (A, A+, A++) will require feedback and comments from industry.
MACRA will assist on this matter once the draft standard is completed.

Next meeting (4/24): 21st March, 2024, 9.30am.

Photos: