

## **IKM PRESIDENT LABORATORY AWARD**

This is a new category of award which will be accorded to laboratories with excellent achievement in the development of the professionalism and practice in chemistry. Laboratories participating in the current year IKM Laboratory Excellence Award will be nominated and shortlisted for the IKM President Laboratory Award in the following year.

The appointed assessors, while evaluating participating laboratories for the IKM Laboratory Excellence Award, will also interview and examine potential laboratories that will meet the criteria for the IKM President Laboratory Award and forward the nominations to the IKM Laboratory Excellence Award Committee.

The assessment for IKM President Laboratory Award will be carried out once in every three years.

The criteria for the IKM President Laboratory Award are:

- Continual improvement and achievements of quality system;
- Effectiveness of laboratory safety and health programme;
- Effective human capital development and continuous professional development programmes in the organization;
- Innovations in the practice of chemistry;
- Involvement in the development of practice of chemistry and contributions in corporate social responsibility programmes.

Details of the criteria are given in ANNEX 1.

There are 4 categories of IKM President Laboratory Award:

- Category 1: Government Laboratories / Statutory bodies
- Category 2: Quality Assurance / Quality Control Laboratories from Industries
- Category 3: Commercial Testing Laboratories
- Category 4: Research Institute / University Laboratory

There will be only one recipient for each category of the award.

Laboratories which have in the past 3 years been awarded the IKM Laboratory Excellence Award and have shown significant improvements and achievements will be nominated by the assessors.

The nominated laboratories will be shortlisted and evaluated by a Panel appointed by the Council. The Panel shall assess the shortlisted laboratories, which will include a site-visit to the laboratories, examination of documented evidence, interview the staff; and make specific clear-cut recommendations to the Council for the award. If, in the opinion of the Panel, there is no suitable laboratory for the Award for any of the category, no award shall be made that year for that category.

Each recipient of the Award shall receive a certificate, a trophy and a cash prize of RM 1,000.00.

In addition, the awardees are eligible to use the IKM President Laboratory Award logo (ANNEX 2) for a period of 3 years.

## Annex 1

### **Criteria for IKM President Laboratory Award**

#### **1. Continual improvement and achievements of quality system**

- 1.1 Laboratory is accredited to MS ISO/IEC 17025 covering most of the scope of work and has sustained accreditation for the past 3 years;
- 1.2 There is a significant improvement in the implementation of the quality system with recorded reduction in non-conformities;
- 1.3 Has implemented equipment reliability and management programme (i.e. equipment verification, calibration, preventive maintenance and performance monitoring) with evidence of performance and optimized usage;
- 1.4 Has established mechanism to ensure customer satisfaction;
- 1.5 Methods of testing are appropriate, up-to-date, and promote the use of new techniques or technologies.

#### **2. Effectiveness of laboratory safety and health programme**

- 2.1 Has implemented an effective OSH programme with zero or significant improvement in industrial accident;
- 2.2 Continual effort in hazard identification and risk assessment;
- 2.3 Has established an effective OSH management and monitoring programme with the right resources and commitment;
- 2.4 Compliant to legal and statutory requirements.
- 2.5 Well documented policies and operating procedures.

#### **3. Effective human capital development and continuous professional development programmes in the organization**

- 3.1 Established a staff training and development plan programme with evidence of improvement of staff competency;
- 3.2 Systematic assessment of staff training needs and effectiveness of training;
- 3.3 Provide facilities for knowledge generation and knowledge management;
- 3.4 Encouragement of staff to present papers in seminar or publication of technical papers;

#### **4. Innovations in the practice of chemistry**

- 4.1 Established programmes to promote innovations and creativity at work place with evidence of improvement of processes or methodologies;
- 4.2 Encourage the use of automation and cutting-edge technologies;

#### **5. Involvement in the development of practice of chemistry and contributions in corporate social responsibility programmes**

- 5.1 Promote and support active participations of staff in activities of professional organizations;
- 5.2 Knowledge management and sharing;
- 5.3 Participation in community outreach in promotion of science and technology;
- 5.4 Established corporate social responsibility programme(s) which benefit the communities.

## **ANNEX 2**

### **IKM President Laboratory Award Logo**

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**For Laboratory Excellence in  
The Development and Practice of Chemistry  
2023**