



## MEDIA RELEASE

### SHAPes FOR SAFER MOTORCYCLING

**MANILA, 12<sup>TH</sup> OCTOBER** – The motorcycle safety helmet has been the best invention, to protect motorcyclists when they are on the roads. Quality helmets provide the needed protection in cases of head impacts and many circumstances, and play a decisive role in crash outcomes, between life and death. Fatalities due to head injuries are overrepresented in motorcyclists and are preventable with well-designed helmets. Understandably, helmet standards determine the head protection requirements for the users and often vary between countries and are always considered as minimum performance. Considering the need for safer travel and better protection of motorcyclists is a right, rather than a privilege, the Malaysian Institute of Road Safety Research (MIROS), together with Towards Zero Foundation, has initiated an assessment and rating scheme to evaluate market-ready helmet performance, and beyond standards requirements. The consumer-based program is named **SHAPes, which stands for Safety Helmet Assessment Program for the Southeast Asia region.**

In this inaugural phase, five helmet models, chosen at random, were acquired from the market, irrespective of certifying standards. These helmets went through impact tests, at 6.0, 7.5, and 8.5 m/s drop speed and the head form peak acceleration was analysed. These values were then used to predict the risk of fatal injury, considering factors such as impact location, surface impact, and speed. Additionally, the exposure population factor was also considered before the rating is finalised and a star is awarded. In this pilot run, all 5 models were awarded a 1-star rating. More models and tests are being planned currently.

In short, SHAPes aspire to ensure motorcyclists in the region have access to quality helmets and safety performance information before making a purchase. This will ensure they have the best level of head protection when enjoying their rides, every time. SHAPes also intend to recognize manufacturers' enthusiasm and efforts in making helmets continually safer and better.

Dato' Dr. Khairil Anwar bin Abu Kassim, Director General of MIROS stated that: "Motorcycle safety helmets play a critical role in providing a minimum level of protection to the rider's head from major trauma injury. Although regulations in some countries in South East Asia mandated the use of helmets, there is still a concern if the helmet sold in the market comply with individual country national helmet standards or the international UN Regulation, UNR22. SHAPes is a program that provides consumers with information on the safety performance level of the tested helmet. With such valuable information, motorcyclists are able to make an informed choice on the best safety helmets available in the market for protection during their rides."



# SHAPs

SAFETY HELMET ASSESSMENT PROGRAMME FOR SOUTHEAST ASIA COUNTRIES

## Rating results

Helmet Specification	Type	Rating
 <p>Model: MS88 Approved: MS 1.1 Made: Malaysia</p>	Open face	★
 <p>Model: Apollo Approved: MS 1.1 Made: Malaysia</p>	Open face	★
 <p>Model: SGV Cruiser Approved: MS 1.1 Made: Malaysia</p>	Open face	★
 <p>Model: ARC Approved: MS 1.1 Made: Malaysia</p>	Open face	★
 <p>Model: NHK R1 Approved: ECE 22.5 Made: Indonesia</p>	Open face	★

**END**

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