

Report on the ANGVA Safety Workshop – Safety Practices for NGV Installers: Meeting Requirement of MS1096:2011, 20th March 2018, Tower 1, Etiqa Twins, Kuala Lumpur, Malaysia

Total of 17 participants from government departments and private companies attended the ANGVA Safety Workshop in Kuala Lumpur on 20th March 2018. The Workshop was co-organized by ANGVA and the Malaysian Association of NGV Installers (MANGVI) and facilitated by Lee Giok Seng, the Executive Director of ANGVA.

The workshop covered the requirement of Malaysian Standard MS1096:2011: Road Vehicles – The Use of Compressed Natural Gas Fuel for Vehicle Engines – Code of Practice (Second Revision). The workshop was intended to provide awareness of the safety standard requirement in Malaysia and also as a refresher course for the licensed NGV installers. This was the first time ANGVA organized such workshop to enhance the safety of natural gas vehicles in Malaysia. Similar workshop will be conducted outside of Kuala Lumpur in the future.

The Road Transport Department of Malaysia requires that all conversion of vehicles to operate on CNG in Malaysia must follow MS1096. MS1096 was first introduced in Malaysia in 1987 and first revision conducted in 1997 and second revision in 2011. MS1096:2011 refers to similar latest international ISO standards and UN ECE regulations R110 & R115.



Above: Group photo of the participants and facilitator.

The workshop covered three parts i.e.: Part I – Introduction to Natural Gas Vehicles; Part II – Safety of Natural Gas Vehicles; and Part III – Natural Gas Vehicles Conversion Process and Requirement of MS1096:2011. During the workshop examples of existing CNG vehicles in operation in Malaysia not meeting the requirement of MS1096 and videos of overseas incident involving CNG vehicle fire and explosion were shown. These were to emphasize the importance of compliance to MS1096 to ensure safety of vehicles in operation in Malaysia.

Participants were awarded with Certificate of Completion at the end of the workshop after they completed a short test to gauge their understanding of the workshop.