



SIRIM fired up to deliver the best

One-stop conformity assessment center providing certification, inspection and testing services.

SIRIM QAS INTERNATIONAL'S fire protection laboratory in Shah Alam, Selangor, is regarded as the most comprehensive in the country and is fully-equipped and up-to-date facilities to carry out testing in accordance with national and international standards.

Being a one-stop conformity assessment center by providing certification, inspection and testing services, SIRIM QAS International, a subsidiary of SIRIM Bhd, holds the obligation of providing support to the industries. Another plus point for the laboratory is that it is run by skilled and competent personnel. The laboratory is fully committed to lending a helping hand to industries by providing testing services for their products/equipment.

SIRIM QAS International has demonstrated its capability through the accreditation of its Fire Protection Section to MS ISO/IEC 17025 from the STANDARDS MALAYSIA under the National Laboratory Accreditation Scheme as well as recognition from Underwriter's Laboratories (UL), a renowned test lab and certification body in USA. Tests conducted by the laboratory are on par with those offered by foreign laboratories, have also been accepted by the country's fire regulatory authority – the Fire and Rescue Department of Malaysia. It provides an independent assurance that the tests are conducted in accordance with the stated specifications, test methods and proper environment conditions.

The latest facility is the 5m x 4m hydraulic tilting type fire resistance test furnace, which provides fire resistance tests for horizontal elements of construction complementing the existing testing services. This furnace is also capable of testing bigger size test specimen of more than 3m x 3m. Fire resistance tests for non-loadbearing and loadbearing horizontal elements of construction such as flooring system, roofing system, suspended ceiling, beam, horizontal roller shutter assemblies and ducting system can be tested using this new facility.

The present facilities have been testing the vertical elements of construction since 1997. These include timber, composite, steel and glazed doorsets; fire dampers, roller shutter assemblies (vertical and sliding), drywall partition/panel system, lift landing door, precast wall panel, penetration seals and many more. Other test facilities available are the existing vertical fire resistance test furnace, indicative fire resistance test furnace, non-combustibility test apparatus, fire propagation test apparatus, surface spread of flame test apparatus, cyclic movement endurance test apparatus, facilities for performance testing of portable fire extinguishers and hydrostatic test apparatus. ■

More information at www.sirim-qas.com.my

FIRE RESISTANCE TEST FURNACE (HORIZONTAL AND VERTICAL)



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