IKRAM PAVES Sdn Bhd

199101021003 (231314-V)

COMPANY PROFILE

30 YEARS ANNIVERSARY

IKRAM PAVES 1991 - 2021

OUR COMPANY

IKRAM PAVES Sdn Bhd was established in 1991 as a pavement specialist in the road industry, providing a comprehensive engineering solution to address any road-related issues.

Over the last 30 years, we have diversified our business and have grown to become a recognized brand in our industry.

OUR VISION

"TO BE THE PREMIER PAVEMENT SPECIALIST IN THE REGION AND THE TOTAL INTEGRATED ENGINEERING SOLUTION PROVIDER FOR A BETTER QUALITY OF LIFE."

OUR MISSION

- ADOPT LATEST TECHNOLOGIES AND BEST PRACTICES IN PAVEMENT ENGINEERING SERVICES.
- ENHANCE HUMAN RESOURCE CAPABILITIES.
- DELIVER HIGH-QUALITY PRODUCTS AND SERVICES.
- MEET AND EXCEED CUSTOMERS' EXPECTATIONS.
- IMPROVE FACILITIES, PROCESSES, AND ENVIRONMENT.

OUR VALUES

QUALITY

INTERGRITY

KNOWLEDGE DRIVEN

PROFESSIONALISM

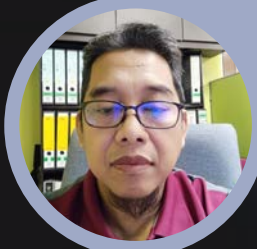
OUR MANAGEMENT STRUCTURE

IKRAM PAVES Sdn Bhd

ASSET MANAGEMENT GENERAL MANAGER
Ts. Vincent Ting Choon Fook

PAVEMENT LABORATORY GENERAL MANAGER
Ts. Mohd Yazip bin Matori

PAVEMENT CONDITION ASSESSMENT (PCA) DEPT.
Salrizal bin Mat Tahir



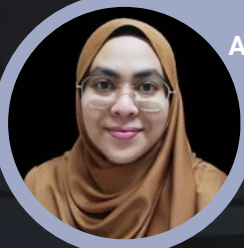
PAVEMENT LABORATORY MANAGER
Mohd Nasir bin Rebu

SYSTEM DEVELOPMENT DEPT.
Lee Sze Fang

PAVEMENT LABORATORY ENGINEER
Shahabudin bin Mohd Saini

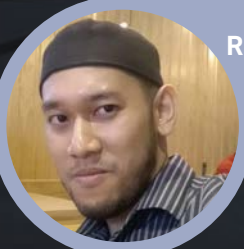
PAVEMENT CONDITION ASSESSMENT (PCA) DEPT.
Mohd. Shaiful Anwar bin Yunus

QAQC TESTING DEPT.
Mohd Subky bin Said

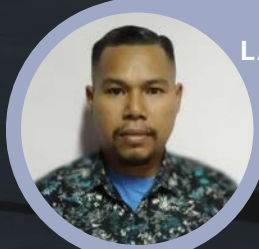


ANALYTICAL & INSIGHT DEPT.
Ts. Nur Ayuni Athirah binti Abdul Rashid

CENTRAL FIELD & LABORATORY TESTING DEPT.
Racmawati binti Othman



ROUTINE INSPECTION DEPT.
Tg. Syazwan Irsadi bin Othman



REGIONAL FIELD & LABORATORY TESTING DEPT.
Mohd Alif bin Abdul Rashid

OUR ASSETS

IKRAM Road Scanner

Falling Weight Deflectometer

UAV (drone)

Grip Tester

Terrestrial Laser Scanner)

360 Street View Vehicle

Pavement Analysis & Design Software

Highway Development & Management Software

HAWKEYE

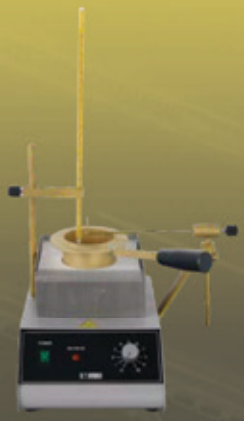
OUR ASSETS

Coring Machine

Dynamic Cone Penetrometer

Resilient Modulus

Marshall Stability Tester



Flash and Fire Point Apparatus

Marshall Compactor

Pavement Quality Indicator

Portable Skid Resistance Tester

Penetrometer

OUR CAPABILITIES

- PAVEMENT EVALUATION
- SYSTEM DEVELOPMENT & SUPPORT
- ROAD INSPECTION
- QUALITY CONTROL (DURING ROAD CONSTRUCTION)
- SLOPE & BRIDGE INSPECTION
- PAVEMENT LABORATORY TESTING
- RESEARCH & DEVELOPMENT
- MIX DESIGN
- FIELD TESTING

PAVEMENT EVALUATION

High Speed Surface Condition Survey

Captures pavement condition data, mapping information and roadside asset details while traveling at highway speed. This fully featured vehicle contains a compact workstation that can capture and store individual data for roughness, rutting, texture and surface condition and provide high-detail video images of roads and roadside assets. This equipment is known as the IKRAM Road Scanner (IRS).

Axle Load

Determine the damaging factor/equivalent factor (E.F) of commercial vehicle in relation to a single standard axle

Grip Tester

To determine the skid resistance of road surfaces using high-speed survey equipment, Grip Tester.

Falling Weight Deflectometer (FWD)

The Falling Weight Deflectometer (FWD) is one of the most important non-destructive tests (NDT) used for field evaluation of pavement structural behavior based on deflections test.

Coring/Dynamic Cone Penetrometer (DCP)

Measuring the strength of in situ soil and the thickness of underlying soil layers. DCP penetration index (DPI) can be plotted versus depth to identify thicknesses and strength of different pavement layers or can be correlated to other soil strength parameters such as the California Bearing Ratio (CBR)

Ground Penetrating Radar (GPR) Survey

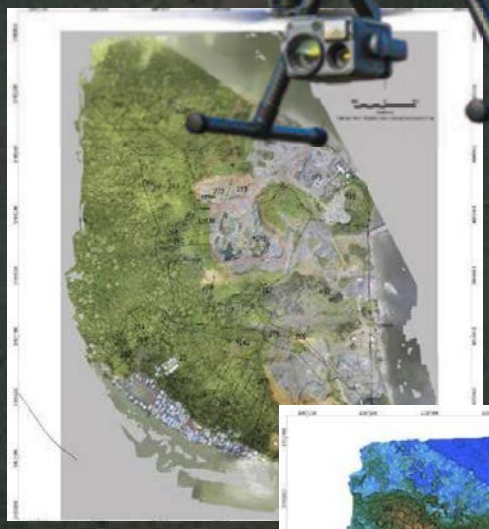
To determine the thickness of pavement layers and voids below concrete pavement and detect existing services underground before starting drilling or excavation works.

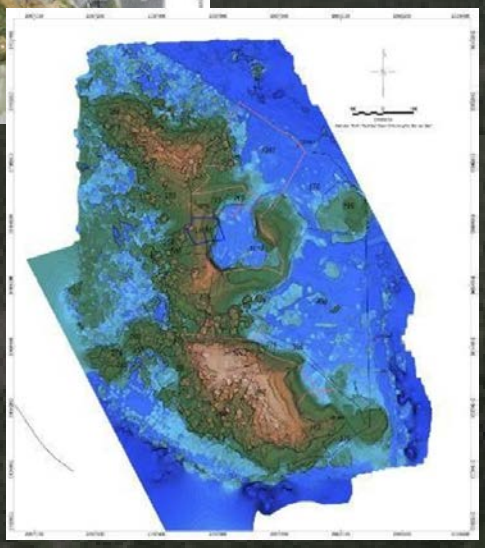
ROUTINE INSPECTION

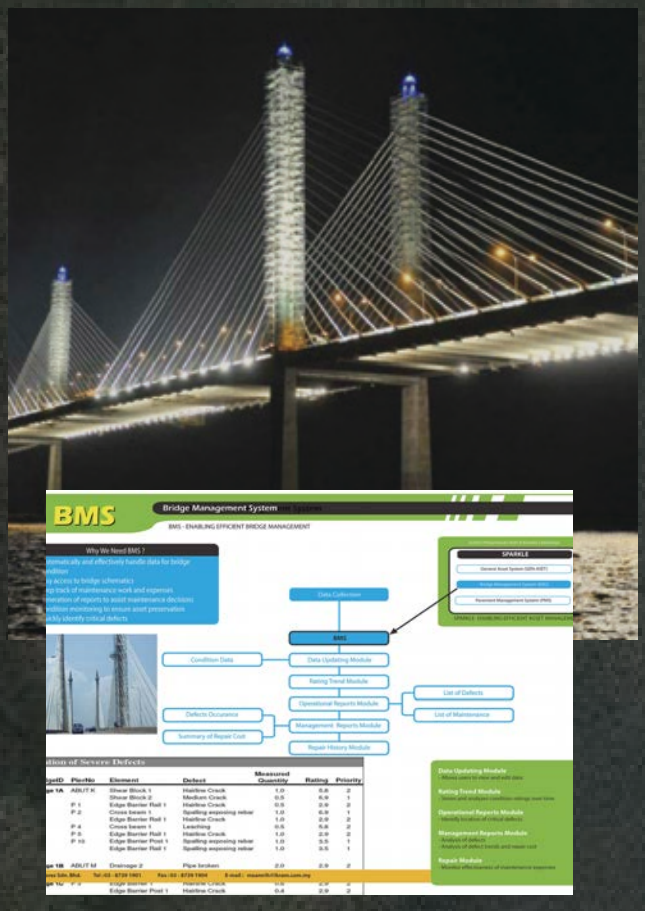
Ikram Paves effectively carries out inspections on Federal roads in several states (Selangor, Pahang, Terengganu, Kelantan & Sarawak (Sibu to Bintulu), using Routine Inspection System (RIS), to monitor road condition, detect defects early, ensure safety and comfort for road users, and provide data for strategic and cost-effective maintenance work programs to maximize pavement service life.

SLOPE INSPECTION

Utilizing state-of-the-art technology in slope maintenance management, including LiDAR mapping and a web-based asset management program, and with the support of expert slope inspectors and automated warning systems, our clients are able to improve efficiency and financial performance in their slope maintenance programs.



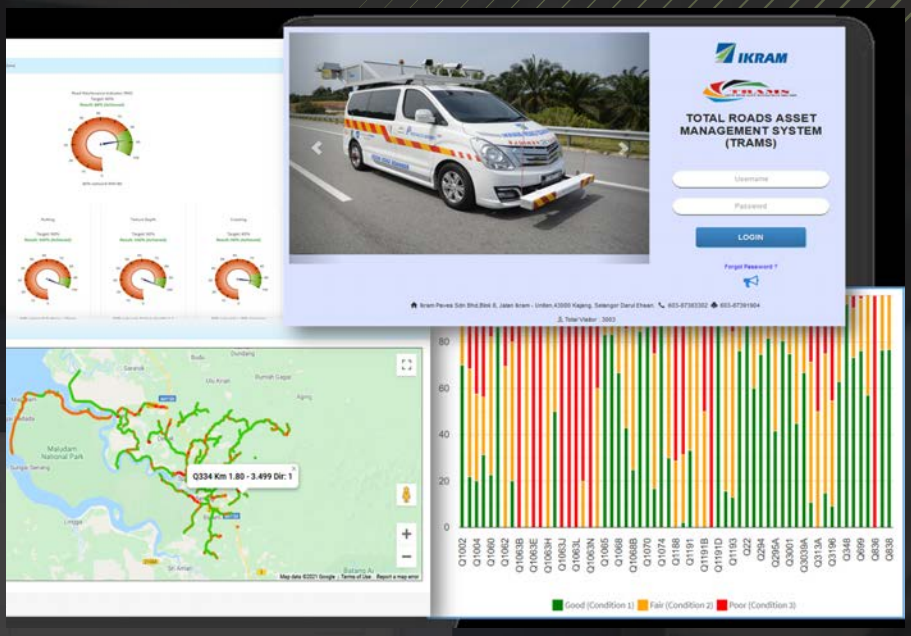




BRIDGE INSPECTION

To monitor bridge structural health and detect defects that may threaten stability and performance, equipment like GPR, cover meters, rebound hammers, and core extraction are used, with data managed by the Penang Bridge Management System for maintenance reporting and budget allocation.

SYSTEM DEVELOPMENT & SUPPORT

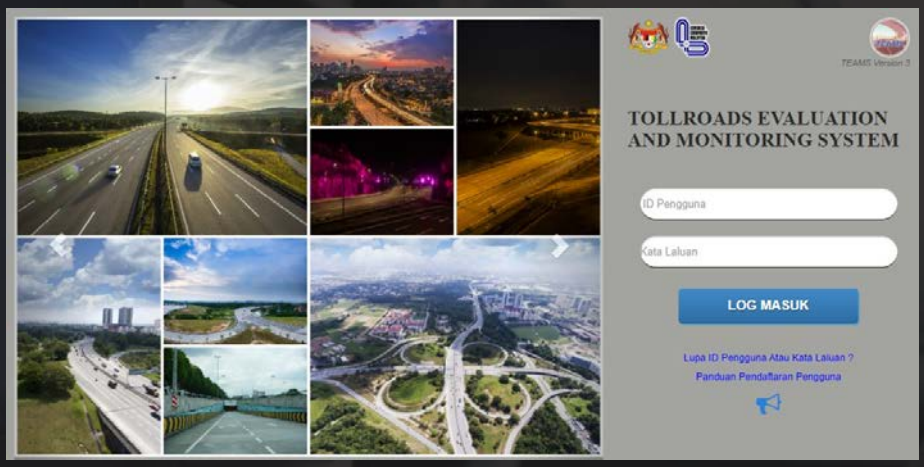


Total Road Asset Management System (TRAMS)

TRAMS developed for the Malaysian Public Works Department (PWD) and Malaysian Highway Authority (MHA) utilizes the Highway Development and Management System (HDM4) as an analysis tool, with PWD's Road Asset Management System (RAMS) generating and prioritizing annual rehabilitation work programs within the allocated budget and MHA's Tollroads Evaluation and Monitoring System (TEAMS) monitoring concession highway performance and evaluating the effectiveness of concession work plans.

Sistem Pemantauan Aset & Kondisi Lebuhraya (SPARKLE)

SPARKLE is a comprehensive asset management system to enhance concessionaire capacity to manage its asset. It consists of General Asset System as well as the specialized Pavement Management System and Bridge Management System.

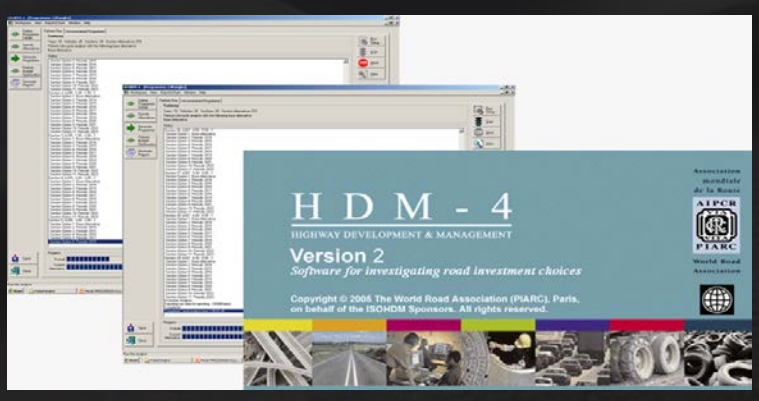


Routine Inspection System (RIS)

RIS is a maintenance management system used to determine resource requirements and appropriate treatment for road defects, allowing for easy organization and tracking of information. It has been successfully implemented on Federal roads in Malaysia.

Bridge Management System (BMS)

BMS management software assesses bridge data, predicts deterioration rates, and tracks maintenance needs to help plan and budget for bridge maintenance and rehabilitation.



IKRAM

QUALITY CONTROL (QC)

DURING ROAD CONSTRUCTION

The Supervision work during The Quality Control shall consists of:

Grading Analysis
Bitumen Content
Marshall Properties –
Sample preparation,
Density Test, Stability Flow Test & Void Test
Asphalt Coring and Density Test
Field Density Test
(Road base only)

During construction, supervision work is conducted to ensure compliance with JKR/authority specifications, including monitoring material temperature and compaction, as well as overseeing material tests conducted by the QC team.

LABORATORY & FIELD TESTING SERVICES

A) BITUMEN PREMIX

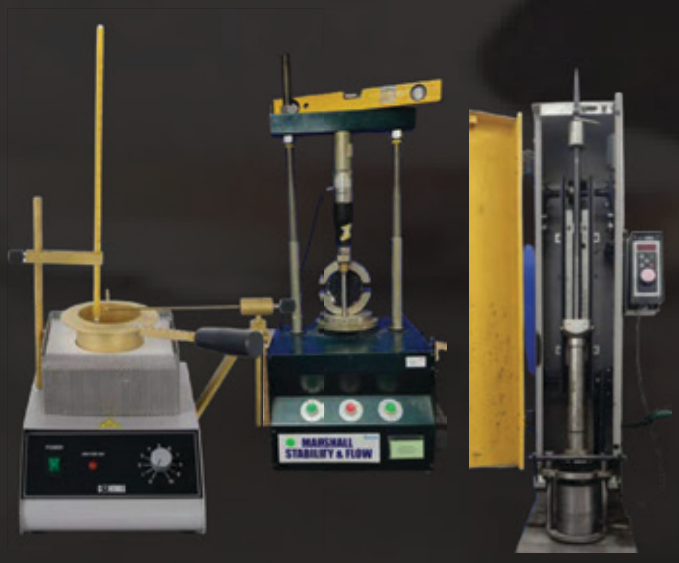
- ★ Thickness of Compacted Bituminous Paving Mixtures Specimen
- ★ Quantitative Extraction of Bitumen from Bituminous Paving Mixtures (Binder Content)
- ★ Marshall Stability & Flow of Bituminous Mixtures
- ★ Density of Non-Absorptive Compacted Bituminous Mixtures
- Marshall Test : Determination of Voids (Rice Method)
- Grading of Mineral Aggregate

B) BITUMEN SEMI SOLID

- ★ Flash & Fire Point by Cleveland Open Cup Tester
- ★ Penetration of Bituminous Materials
- ★ Softening Point of Bitumen (Ring & Ball Apparatus)
- Ductility
- Loss in heating of Oil & Asphaltic Compund
- Drop in Penetration
- Specific Gravity

C) BITUMEN EMULSION

- ★ Determination of Residue by Evaporation of Emulsified Asphalt
- ★ Settlement & Storage Stability of Emulsified Asphalt - Oven Test Method
- Saybolt Furol Viscosity
- Sieve Test
- Particle Charge



D) SPECIAL TESTING

1. MIX DESIGN
2. RESEARCH & DEVELOPMENT
3. FIELD TESTING
   - Pavement Quality Indicator (PQI)
   - In-situ CBR by Clegg Impact Hammer
   - Coring & Dynamic Cone Penetrometer (CDCP)
   - QAQC for Cold In Place Recycle (CIPR)
   - Mackintosh Probe
   - Resilient Modulus
   - Skid Resistance
   - Other tests are provided upon requests

★ *Accredited Scopes*

OUR MILESTONES

PROJECT:
LONG-TERM CONTRACT OF PERAK DARUL RIDZUAN STATE ROADS MAINTENANCE " PAVEMENT MANAGEMENT SERVICES AND ROAD INVENTORY MANAGEMENT SERVICES"

CONTRACTING PARTIES:
JKR PERAK

CONTRACT SUM:
RM 7.0 MIL (USD 2.3MIL)

PROJECT:
KAJIAN MENAIKTARAF PARAMETER HIGHWAY DEVELOPMENT AND MANAGEMENT TOOLS (HDM-4

CONTRACTING PARTIES:
LEMBAGA LEBUHRAYA MALAYSIA

CONTRACT SUM:
RM 1.96 MIL (USD 0.45 MIL)

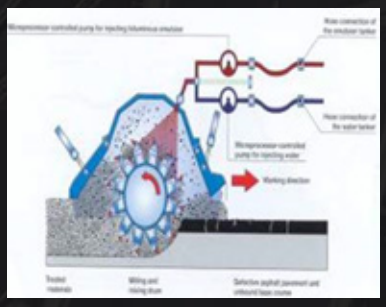
OUR MILESTONES

PROJECT:
PROVISION OF FIELD & LABORATORY TESTING SERVICES FOR QUALITY ASSURANCE & QUALITY CONTROL SERVICES

CONTRACTING PARTIES:
ROADCARE (M) SDN BHD

CONTRACT SUM:
RM 24.96 MIL (USD 5.67 MIL)

PROJECT:
FUNDAMENTAL CHARACTERISTICS OF STABILISED FULL DEPTH RECLAIMED PAVEMENT LAYERS IN MALAYSIA



CONTRACTING PARTIES:
PUBLIC WORKS DEPARTMENT

CONTRACT SUM:
RM 13.21 MIL (USD 4.4 MIL)

OUR MILESTONES

PROJECT:
SUPERVISION OF PAVEMENT STRENGTHENING FOR PLUS EXPRESSWAY ON SECTION C5 OF THE NORTH SOUTH EXPRESSWAY

CONTRACTING PARTIES:
PROJECT LEBUHRAYA UTARA SELATAN (PLUS)

CONTRACT SUM:
RM 4.5 MIL (USD 1.5 MIL)

OUR TRACK RECORDS

OUR CERTIFICATION

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

BORANG 13
AKTA SYARIKAT 1965 [Seksyen 23(2)]

No. Syarikat
231314 V

PERAKUAN PEMERBADANAN ATAS PERTUKARAN NAMA SYARIKAT

Adalah diperakui bahawa

PAVES SDN. BHD.

yang telah diperbadankan di bawah Akta Syarikat 1965, pada 21 haribulan Disember 1991, sebagai sebuah syarikat persendirian, pada 24 haribulan Januari 2007 telah menukar namanya kepada

IKRAM PAVES SDN. BHD.

dan bahawa syarikat ini adalah sebuah syarikat persendirian dan adalah sebuah syarikat berhad menurut syer.

Diberi di bawah tandatangan dan meterai saya di Kuala Lumpur pada 24 haribulan Januari 2007.

PUTERI BINTI MAHMOOD
PENOLONG PENDAFTAR SYARIKAT
MALAYSIA

KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K6021704692905201
NO. RUJUKAN PENDAFTARAN : 357-0201613 9
TEMPOH SAH LAKU : 19/05/2021 - 18/05/2024

Bahawadengan ini diperakui syarikat :
IKRAM PAVES SDN. BHD. (231314-V)
UNIPARK SURIA
JALAN IKRAM UNITEN
ULU LANGAT
43000 KAJANG
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub bidang seperti **di Lampiran A.** Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasadalah syarikat bagi urusan pentadbiran Kerajaan adalah seperti berikut :

TING CHOON FOOK	710922015001	DIRECTOR
ASMAA BINTI MEO AHMAD	750410086002	ADMIN EXECUTIVE
ENGK MOHD YAZIP BIN MATOH	640328106613	DIRECTOR

11

DATO' ZAMZURI BIN ABDUL AZIZ
Perbendaharaan Malaysia **Semenanjung**
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 19/05/2021

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

CERTIFICATE OF
REGISTRATION

GCC

THIS IS TO CERTIFY THAT

Ikram Paves Sdn. Bhd.
Company No. 199101021003 (231314-V)

Block 8, Unipark Suria,
Jalan Ikram-Uniten,
43000 Kajang,
Selangor Darul Ehsan,
Malaysia.

CONFORMS TO THE REQUIREMENT OF

QUALITY MANAGEMENT SYSTEM
ISO 9001:2015

FOR THE FOLLOWING SCOPE

Provision of Pavement Testing and Routine Inspection

Certificate Number: MY1114-Q-1
Original Certificate Date: 10/12/2009
Certificate Issue Date: 02/10/2022
Certificate Expiry Date: 09/12/2024

Moosa Sharifi - Managing Director
Global Compliance Certification Pty Ltd

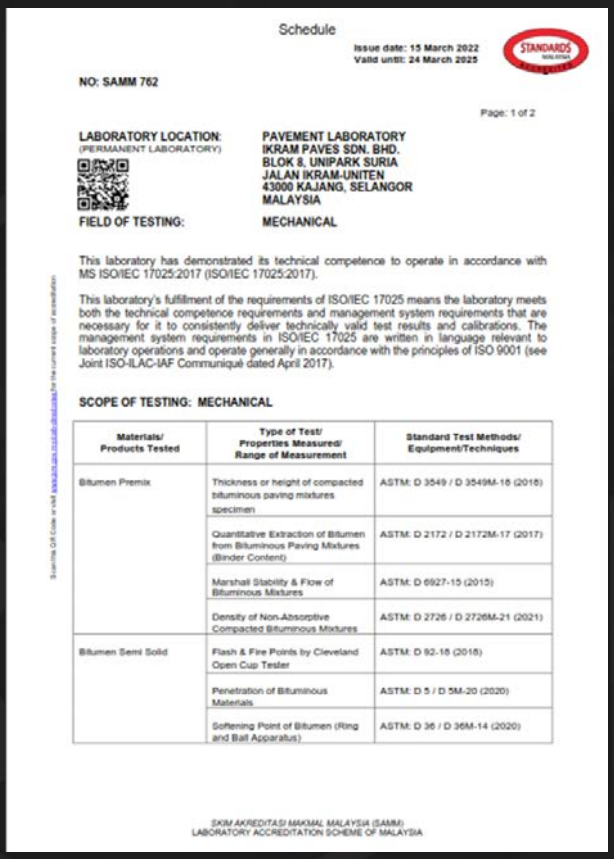
JAS-ANZ

IAF

Global Compliance Certification Pty Ltd
Level 1, 77 Pacific Highway, North Sydney NSW 2060 | www.gcccertification.com

Global Compliance Certification is accredited by Joint Accreditation System of Australia and New Zealand (JAS-ANZ)
This certificate remains the property of Global Compliance Certification and must be returned upon its request.
This certificate is only valid in connection with the successful performance of the surveillance audits.

OUR CERTIFICATION



Schedule

Issue date: 15 March 2022
Valid until: 24 March 2025

NO: SAMM 762

Page: 1 of 2

LABORATORY LOCATION: (PERMANENT LABORATORY)

PAVEMENT LABORATORY
IKRAM PAVES SDN. BHD.
BLOK 8, UNIPARK SURIA
JALAN IKRAM-UNITEN
43000 KAJANG, SELANGOR
MALAYSIA

FIELD OF TESTING: MECHANICAL

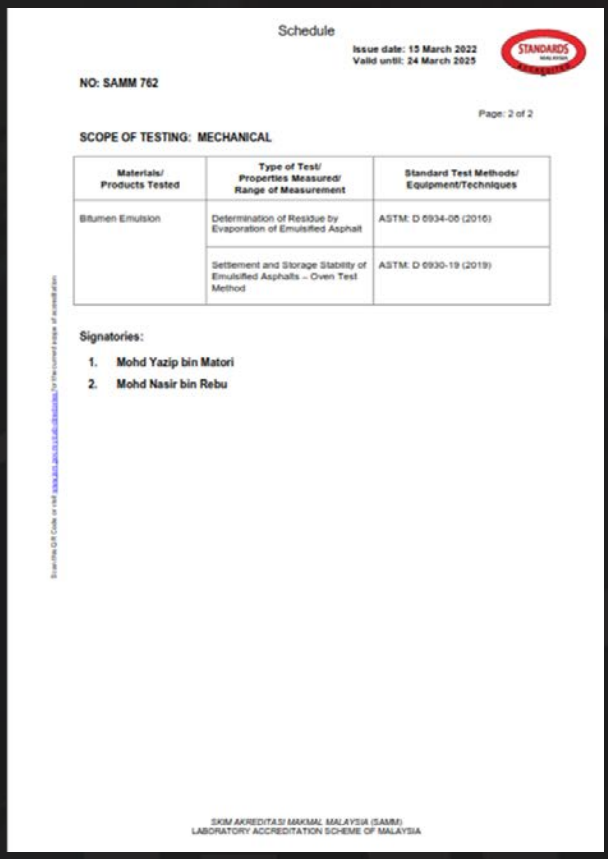
This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF TESTING: MECHANICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Bitumen Premix	Thickness or height of compacted bituminous paving mixtures specimen	ASTM: D 3549 / D 3549M-18 (2018)
	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures (Binder Content)	ASTM: D 2172 / D 2172M-17 (2017)
	Marshall Stability & Flow of Bituminous Mixtures	ASTM: D 6927-15 (2015)
	Density of Non-Absorptive Compacted Bituminous Mixtures	ASTM: D 2726 / D 2726M-21 (2021)
Bitumen Semi Solid	Flash & Fire Points by Cleveland Open Cup Tester	ASTM: D 92-18 (2018)
	Penetration of Bituminous Materials	ASTM: D 5 / D 5M-20 (2020)
	Softening Point of Bitumen (Ring and Ball Apparatus)	ASTM: D 36 / D 36M-14 (2020)

SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)
LABORATORY ACCREDITATION SCHEME OF MALAYSIA



Schedule

Issue date: 15 March 2022
Valid until: 24 March 2025

NO: SAMM 762

Page: 2 of 2

SCOPE OF TESTING: MECHANICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Bitumen Emulsion	Determination of Residue by Evaporation of Emulsified Asphalt	ASTM: D 6934-06 (2016)
	Settlement and Storage Stability of Emulsified Asphalts – Oven Test Method	ASTM: D 6930-19 (2019)

Signatories:

1. Mohd Yazip bin Matori
2. Mohd Nasir bin Rebu

SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)
LABORATORY ACCREDITATION SCHEME OF MALAYSIA

PMAM0080

CERTIFICATE OF MEMBERSHIP

PERSATUAN MAKMAL AKREDITASI MALAYSIA

PAVEMENT LABORATORY
IKRAM PAVES SDN. BHD.

is an official member of the
Persatuan Makmal Akreditasi Malaysia

ISSUE THIS 1 JAN 2022

HAS BEEN RETAINED ON THE REGISTER OF MEMBERS OF THE MALAYSIAN ASSOCIATION OF ACCREDITED LABORATORIES UNTIL 31 DECEMBER 2022

MR. OOI SHU GEOK
CHAIRMAN OF PERSATUAN MAKMAL AKREDITASI MALAYSIA

CONTACT US

IKRAM PAVES Sdn Bhd

BLOCK 8, UNIPARK SURIA,
JALAN IKRAM-UNITEN,43000 KAJANG,
SELANGOR DARUL EHSAN,MALAYSIA

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ikrampavessb@gmail.com

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