

ISSUE 17: JAN - FEB 2025



# CREAM

e-magazine



## COVERAGE

- Deputy Minister of Works Visits Makmal Kerja Raya Malaysia
- Deputy Secretary General of Ministry of Works Visits Makmal Kerja Raya Malaysia
- Representatives from 3 Ministries Made a Courtesy Visit to MKRM Borneo
- CREAM Extended 12 Scopes for Testing Services under MS ISO/IEC 17025:2017
- CREAM Has Been Accredited as an Inspection Body under MIBAS - MS ISO/IEC 17020:2012
- CREAM and Universitas Andalas Working Collaboration Towards New Research and Innovation
- JKR Sabah Made a Courtesy Visit to CREAM-MKRM at KKIP

*and many more.*



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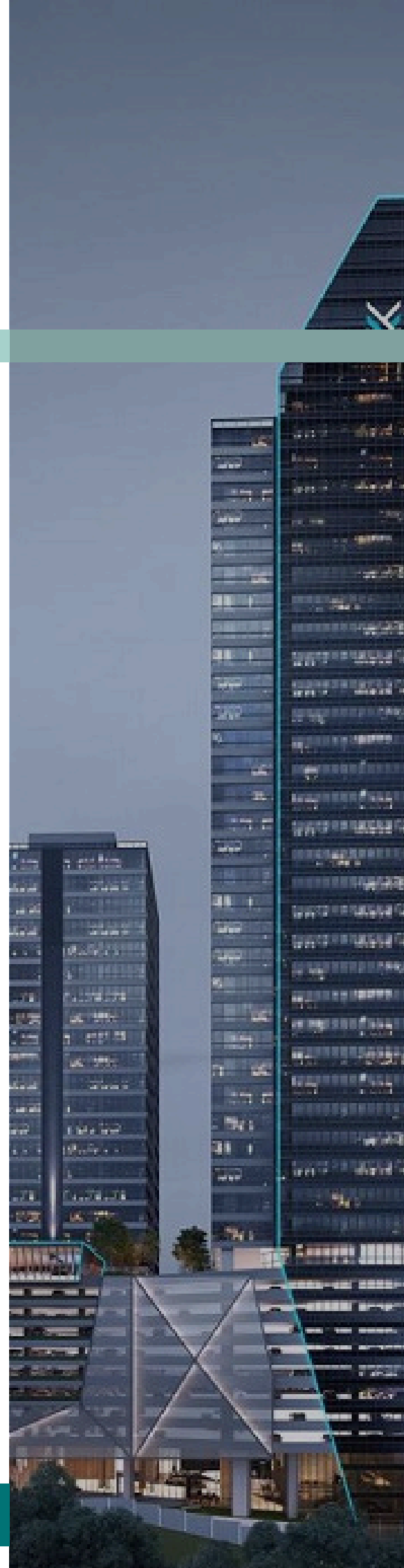
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# about us

Construction Research Institute of Malaysia (CREAM) was established on 26 March 2004 as a Company Limited by Guarantee (SBMJ) under the Act Company 1965. CREAM became fully operational on January 1, 2006. Establishment of CREAM is to be the research arm of the Construction Industry Development Board (CIDB) Malaysia to encourage, promote and implement activities research and development (R&D) related to the national construction industry with Section 4(c), CIDB Act 1994 (Act 520). With the ability of knowledge and existing expertise, CREAM actively cooperates with parties interested in producing research that will benefit the sector construction. At the same time, CREAM also supports the development of the industry construction in a better direction through the quality and integrity of building materials when also offers testing, evaluation and certification services to industry players. CREAM will continue to be proactive in being active and reinventing the way we in doing something, to keep giving the best to all parties and always responsive to our customers.

## vision

To make CREAM globally recognized as the leading institute for Research and Development (R&D) that drives quality, innovation, technology and skills towards achieving sustainability in the construction industry.

## mission

To meet the strategic needs of Research and Development in the Malaysian construction industry. CREAM is also committed to build partnerships with the industry's stakeholders and researchers while exploring and encouraging the development of a knowledge-based industries as well as ready to meet current demands and challenging changes.





# what we offer

- Research and Development
- Industry Consultancy and Engagement
- Lab Testing
- Product Certification
- Assessments - QCLASSIC, SHASSIC, MyCREST and Sustainable Infrastar
- Certificate of Approval
- Inspection and Sampling
- Contractor's Quality Management System (CQMS)
- SustainBuild Mark Certification
- Forensic Investigation
- Technical Opinion
- Journal Publication





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## **Deputy Minister of Works Visits Makmal Kerja Raya Malaysia**



On January 21, 2025, the Deputy Minister of Works, Yang Berhormat Datuk Seri Ahmad Maslan, made his maiden visit to Makmal Kerja Raya Malaysia (MKRM). The visit, aimed at gaining insights into the functions of the Construction Research Institute of Malaysia (CREAM) and the state-of-the-art testing facilities at MKRM, marked a crucial engagement with Malaysia's premier construction testing and inspection center. Accompanying the Deputy Minister were Chief Executive of CIDB, Yang Berusaha Puan Zainora Zainal and CIDB's top management officers.

The delegation was given an exclusive tour of the lab's various testing facilities, which recently expanded to cater to the growing railway industry in Malaysia. In 2023, MKRM added the capability to test railway sleepers and railway bearers, solidifying its position as a key player in ensuring the safety and quality of rail infrastructure.

During the visit, MKRM's senior manager, Mr. Ahmad Hazim Abdul Rahim, shared exciting news about the lab's future developments. MKRM is in the process of extending its scope of accreditation under MS ISO/IEC 17025:2017 to include 12 additional areas, such as precast concrete rail sleepers, iron and steel products, scaffoldings, and reinforcement bars. This expansion aligns with MKRM's mission to offer top-notch testing capabilities across various sectors of the construction industry.



## HIGHLIGHTS

Another milestone achieved by CREAM was the accreditation of CREAM Inspection Services by the Department of Standards Malaysia under MS ISO/IEC 17020:2012. With this accreditation, CREAM now stands as a fully-fledged institute offering a comprehensive suite of technical services for the construction industry. The institute functions as an Inspection Body, Testing Body, and Certification Body under the accreditation of MS ISO/IEC 17020, MS ISO 17025, and MS ISO/IEC 17065, respectively. This complete accreditation framework positions CREAM as a leading provider of inspection and certification services within Malaysia's construction sector.



In his address during the visit, Datuk Seri Ahmad Maslan emphasized the importance of these achievements, stating,

*“With this accreditation, CREAM is now able to provide product inspection services before the product is being tested, certified, and approved by regulatory bodies such as CIDB and other local authorities. This enhances confidence and efficiency in the inspection process for clients.”*



The visit underscored CREAM's growing role as a crucial partner in Malaysia's construction and railway sectors, ensuring that the country's infrastructure is built to the highest standards of quality and safety.



# Deputy Secretary General of Ministry of Works Visits Makmal Kerja Raya Malaysia



On the 18th of February 2025, YBhg. Datuk Zainal Alhakab Seman, the Deputy Secretary General of the Ministry of Works (Management), made a momentous visit to the prestigious Makmal Kerja Raya Malaysia (MKRM), a leading testing facility operated by CREAM.

The primary objective of the visit was to provide YBhg. Datuk Zainal with an in-depth understanding of CREAM's operations and to explore the advanced testing facilities available at MKRM. These state-of-the-art facilities play a crucial role in supporting Malaysia's construction industry by offering comprehensive structural and material testing services.



Accompanying the Deputy Secretary General were Yang Berusaha Puan Zainora Zainal, the Chief Executive of CIDB Malaysia and CIDB's top management. The visit highlighted the strong collaboration between CIDB and its subsidiaries in promoting innovation, sustainability, and quality standards within the construction industry.

The tour, led by Ir. M. Ramuseren, CEO of CREAM, showcased MKRM's various testing facilities, including the structural and material laboratories. These labs are equipped with the latest technology to conduct a wide range of tests, ensuring the structural integrity and material quality of construction projects across the country.



During the visit, YBhg. Datuk Zainal commended CREAM for its continuous efforts in advancing research and development within the construction sector. He emphasized the importance of such facilities in ensuring that Malaysia's infrastructure meets international standards and adheres to sustainable practices.

This visit marks yet another milestone for CREAM and its pivotal role in Malaysia's construction industry, reaffirming its commitment to excellence in research, innovation, and testing services.



# Representatives from 3 Ministries Made a Courtesy Visit to MKRM Borneo



*by Nor Ain Syanieza Mahayuddin and Ahmad Hazim Abdul Rahim*



A delegation comprising key government agencies visited to MKRM Sabah on 25th February 2025 and MKRM Sarawak on 26th February 2025. The delegation represented the main stakeholders and funders of the project, including the Ministry of Works, Ministry of Economy, Ministry of Finance, and CIDB Malaysia. The purpose of the visit was to evaluate, monitor, and assess the latest development progress of both projects as Rancangan Malaysia ke-12 (RMK-12) approaches its conclusion, and both projects near completion. The visit provided an opportunity to review project milestones, address potential challenges, and ensure alignment with national infrastructure goals.

Led by Deputy Undersecretary (TSUB), En Mohamad Fauzi bin Mohamed Hanafiah from KKR, the delegation received a detailed briefing on the project's progress and the challenges faced during its implementation. The project has made remarkable progress, achieving 98.81% completion in Sabah and 93.18% in Sarawak.







The visit also aimed to assess CREAM's readiness for the inauguration of the ASEAN Building Construction Working Group (ASEAN BCWG) program and International Construction Week (ICW) Borneo, scheduled to take place in Sarawak in May 2025. Both structural laboratories are expected to be operational by the end of May 2025. Once completed, these facilities will house the latest testing equipment for structural components such as Industrialised Building Systems (IBS), construction materials like concrete, cement, iron and steel, modular scaffolds and falsework, shoring systems, steel props, non-load bearing walls, and other construction materials and systems.

With the establishment of this structural laboratory, it is hoped that the capacity for testing, research, and development in the construction and engineering sector at CREAM MKRM can be significantly enhanced and at the same time benefit the construction industry players in both states. This initiative will not only strengthen the country's position in construction technology innovation but also create opportunities for strategic collaboration between the industry, academia, and research institutions.





# CREAM Extended 12 Scopes for Testing Services under MS ISO/IEC 17025:2017



*by Rohani Mokhtar, Wan Norhasiah Wan Bidin,  
Mohd Termidzi Mohd Ghani and Ts. Yuzairy  
Rozaidi Rohaizan*

## MKRM's Achievement for Extension of Scope

The Construction Research Institute of Malaysia (CREAM), through its testing division Makmal Kerja Raya Malaysia (MKRM), is proud to announce its accreditation by the Department of Standards Malaysia (DSM) for twelve (12) new testing scopes under MS ISO/IEC 17025:2017. This accreditation signifies that MKRM meets both national and international standards, ensuring that all testing services are conducted in accordance with these standards, by competent personnel, using advanced equipment, and producing high-quality, accurate test reports. The addition of 12 new scopes is a significant milestone for MKRM, reinforcing its reputation as a trusted and globally recognized testing laboratory. This achievement will also increase confidence among clients, stakeholders, industry players, and academic institutions.



## New Extension of Scopes

During its 12-year term of accreditation, MKRM has been consistently committed to providing high-quality testing services. The pursuit of this accreditation demonstrates MKRM's dedication to offering the highest level of testing expertise. As of 18th February 2025, MKRM has been granted twelve (12) new testing scopes.

MKRM is delighted to announce that it is the only laboratory in Malaysia accredited for Prestressed Concrete Sleepers testing under Australian Standard (AS 1065.14 2019), covering three types of static load tests on the rail seat and mid-section of sleepers. Additionally, MKRM has extended its scope for steel frame scaffolding, adding three (3) new scopes to the existing four (4), bringing the total to seven (7) accredited scopes for steel frame scaffolding components.

MKRM Borneo (MKRM Sabah and MKRM Sarawak) has also secured three (3) new scopes of accreditation for iron and steel products, adding to the one (1) previously granted. Below is the list of newly accredited testing scopes:

**Materials/Product Tested***Railway Tracks Material - Prestressed Concrete Sleepers*

Type of Test	Standard Test Methods / Equipment / Techniques
1. Rail Seat Vertical Load Test	1. AS 1065:14:2019, Annex E
2. Centre Negative Bending Moment Test	2. AS 1065:14:2019, Annex H
3. Centre Positive Bending Moment Test	3. AS 1065:14:2019, Annex I

**Materials/Product Tested***Components of Frame Scaffolding*

Type of Test	Standard Test Methods / Equipment / Techniques
1. Deflection and Bending Test on Catwalk (Tread board)	1. MS 1462-1:2021, Annex H1
2. Load Test on Gripper Fitting (Hooks) of a Catwalk (Tread Board)	2. MS 1462-1:2021, Annex H2
3. Compression Test on Vertical Tubes	3. MS 1462-1:2021, Annex E2



*Prestressed railway concrete sleepers testing*

*Annex H2 testing*



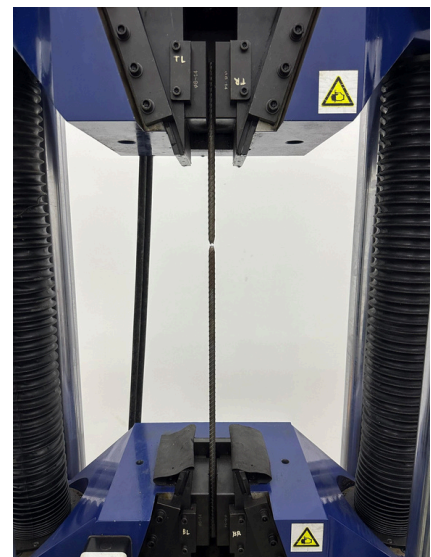


## MKRM Sabah & Sarawak

### Materials/Product Tested

*Metallic Materials and Steel for Reinforcement of Concrete*

Type of Test	Standard Test Methods / Equipment / Techniques
1. Tensile Properties <ul style="list-style-type: none"> <li>• Tensile Strength</li> <li>• Yield Strength</li> <li>• Elongation After Fracture</li> <li>• Elongation at Maximum Forces</li> </ul>	1. MS ISO 6892-1:2017 Method B 2. MS ISO 15630-1:2012 Clause 5



### Materials/Product Tested

*Steel Fabric for the Reinforcement of Concrete*

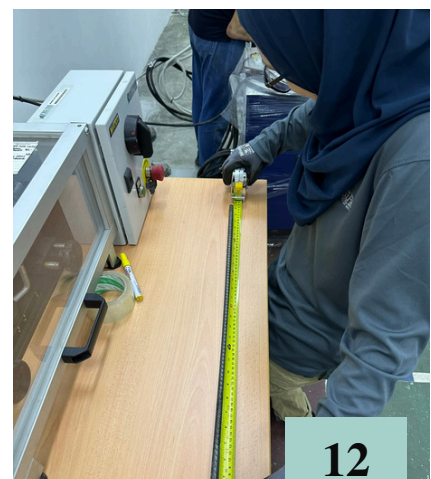
Type of Test	Standard Test Methods / Equipment / Techniques
1. Dimension	1. In-house Method (TM 4-1) 2. MS 146:2014 Clause 7.4



### Materials/Product Tested

*Steel Fabric for the Reinforcement of Concrete*

Type of Test	Standard Test Methods / Equipment / Techniques
1. Deviation from Nominal Mass per Metre	1. MS ISO 15630-1:2012 Clause 12 2. MS 146:2014 Clause 7.4



### Way Forward

With these newly accredited testing scopes, we hope the construction industry will continue to show support and interest in MKRM's services. If you are interested in our testing services or have any inquiries, please do not hesitate to contact us. Our team of competent personnel is ready to discuss how we can best meet your testing needs. Contact us at [mkm@cream.my](mailto:mkm@cream.my) for more information.





# CREAM Has Been Accredited as an Inspection Body under MIBAS - MS ISO/IEC 17020:2012



CREAM Inspection Services has officially received the prestigious MS ISO/IEC 17020:2012 accreditation from the Department of Standards Malaysia as of 12 December 2024. This milestone underscores our unwavering commitment to delivering inspection services that adhere to the highest standards of competence, quality, and integrity.

With nearly 10 years of experience in conducting inspection and sampling activities at warehouses, factories, and points of entry both locally and internationally, CREAM has successfully completed over 500 inspection and sampling exercises to date. These activities ensure that materials comply with CIDB's Act 520 Schedule 4 requirements.

This accreditation empowers us to provide comprehensive product inspection services before products undergo testing, certification, and approval by regulatory bodies such as the Construction Industry Development Board Malaysia (CIDB) and other local authorities. It instills greater confidence in our clients by demonstrating the integrity and expertise of our inspection processes.

With this recognition, CREAM has solidified its position as a fully developed institute offering a wide range of technical services for the construction industry. Our institute now operates as an accredited Inspection Body, Testing Body, and Certification Body under MS ISO/IEC 17020, MS ISO/IEC 17025, and MS ISO/IEC 17065, respectively. This robust accreditation framework elevates CREAM as a key provider of inspection and certification services within Malaysia's construction sector.

# CREAM and Universitas Andalas Working Collaboration Towards New Research and Innovation



*by Ir. Ts. Dr. Hj. Mohd  
Khairolden Ghani*



The collaboration between the Construction Research Institute of Malaysia (CREAM) and Universitas Andalas (UNAND), signed on 7th January 2025, marks a significant step toward strengthening international ties in the field of construction. Represented by the Civil Engineering Department, Faculty of Engineering at UNAND, this Letter of Intent (LOI) outlines two main areas of focus:

1. Joint Research, Publication, and Consultation: This collaboration will focus on jointly advancing the construction industry in Malaysia and Indonesia through research projects, academic publications, and consultancy services.
2. Knowledge Sharing: The collaboration aims to enhance understanding and expertise in key areas such as:
  - Construction Safety
  - Digital Construction
  - Construction Engineering
  - Construction Law
  - Resilient Construction

This international partnership between CREAM and UNAND will foster innovation, knowledge exchange, and improvements in the construction industry, particularly in the areas of safety, technology, legal frameworks, and building resilience in the face of challenges.





# JKR Sabah Made a Courtesy Visit to CREAM-MKRM at Kota Kinabalu Industrial Park (KKIP)



*by Ahmad Hazim Abdul Rahim, Nor Azila Maulihasan & Hassanain Hafiz Mohd Asnan*

On 6th January, CREAM-MKRM Sabah extended an invitation to Jabatan Kerja Raya Sabah (JKR Sabah) to visit the CREAM-MKRM Sabah laboratory. The visit aimed to provide JKR Sabah personnel with exposure to the various services, facilities, and latest technologies offered in the fields of research and material testing by CREAM.

The delegation, led by Mr. Hafez Bin Shabuddin, Deputy Director of the Technical Service Sector, was given a detailed briefing on the role and expertise of CREAM-MKRM Sabah in supporting the construction industry through material testing services and technical research. The presentation by En Ahmad Hazim Abdul Rahim, Senior Manager of CREAM's Testing Division, also included an explanation of the high-tech testing machines used in various durability and quality tests available in the lab. In addition, CREAM's involvement in promoting the Industrialized Building System (IBS), as well as the requirements of the Fourth Schedule of the CIDB Act 520, were presented to enhance JKR Sabah's understanding of legal requirements and industry standards.



The visit also provided a platform to explore potential services that CREAM-MKRM Sabah could offer to JKR Sabah, particularly in material testing, and emphasized the importance of complying with guidelines set by CIDB, especially the Perakuan Pematuhan Standard (PPS) for all JKR Sabah projects. Strengthening this collaboration will help to improve construction quality and ensure adherence to the latest regulations and standards in the construction industry in Sabah.

In conclusion, this visit not only strengthened the relationship between CREAM-MKRM and JKR Sabah but also opened opportunities for more effective collaboration between the two organizations.



# Introducing SustainBuild Mark: Driving ESG Impact in the Construction Industry



*by Ahmad Shahir Mohamad and  
Ts. Intan Diyana Musa*

Construction industry has long been viewed as a significant contributor to environmental degradation due to its high consumption of natural resources, energy, and water, as well as the generation of large amounts of waste and emissions. However, with sustainability becoming a central theme in global development strategies, the industry is now at the forefront of efforts to mitigate climate change and promote responsible practices. One such initiative that aims to foster sustainable construction is the SustainBuild Mark (SB Mark) certification.



## What is SustainBuild Mark?

SustainBuild Mark is an ESG certification for the construction sector, providing a framework to evaluate products based on ESG performance. It helps manufacturers and importers meet regulatory requirements and showcase their commitment to sustainability. By adopting the SB Mark, industry stakeholders can boost brand reputation, meet ESG standards, and support a sustainable future.

SB Mark addresses the growing demand for ESG-compliant construction. It assesses environmental, social, and governance criteria, aligning with global sustainability goals like the UN's SDGs and the Paris Agreement.

## Key Components of SustainBuild Mark

SustainBuild Mark certification consists of 2 parts which are Part I: Good ESG practices and Part II: Product Environmental Claim.

### Part I: Good ESG Practices

Under Part I: Good ESG Practices, companies are assessed across three main pillars of ESG: Environmental, Social, and Governance.



## Environmental Criteria

The environmental component of SB Mark focuses on minimizing the negative impact of construction activities on the environment through the establishment of policies, setting targets and actions in key areas including reducing carbon emissions, promoting energy efficiency, optimizing resource use, and minimizing waste. Key areas of assessment include:

- **Green House Gasses (GHG) Emission:**

SB Mark places a strong emphasis on reducing GHG emission throughout the product manufacture operation

- **Energy Efficiency:**

Companies are evaluated based on their energy consumption, use of renewable energy sources, and energy-saving technologies. SB Mark encourages the adoption of green building practices that lower energy costs and reduce carbon footprints.

- **Water Conservation:**

Water management is a critical aspect of sustainable construction. SB Mark assesses how well companies incorporate water-saving technologies and minimize water wastage.

- **Materials and Resource Use:**

The certification encourages the reduction of construction waste and the recycling of materials.

## Social Criteria

In addition to environmental factors, SB Mark also considers the social impact of construction projects. The social criteria focus on improving the well-being of building occupants, workers, and the surrounding community. Key areas include:

- **Occupational Health and Safety:**

SSB Mark promotes healthy and safe working environments for workers by assessing workplace safety protocols, ergonomic practices, and adherence to occupational health standards.

- **Product Safety and Responsible Selling:**

Companies certified under SB Mark must promote product safety and responsible selling for their product to ensure product safety, promote responsible safety and protect customers through safe and reliable products.

- **Human Rights:**

SB Mark ensures that certified company respect human rights at work including child and forced labour.

## Governance Criteria

Good governance practices are essential for ensuring that sustainability efforts are effectively managed and implemented. SB Mark evaluates the governance structures of companies based on compliance on regulations in environment, health and safety and fraud cases. Prior to apply for the certification, companies need to nominate a management representative to attend the mandatory ESG training to educate on basic ESG knowledge and compliances.

## Part II: Product Environmental Category

Under Part II: Product Environmental Category, the products are then assessed whereby quantifiable claims are made based on 15 categories including:

- **Compostable**
- **Degradable**
- **Reusable and refillable**
- **Extended product life**
- **Recovered energy**
- **Renewable energy**
- **Renewable energy**
- **Lower carbon footprint**
- **Reduced energy consumption**
- **Reduced resource use**
- **Reduced water consumption**
- **Water reduction**
- **Recyclable**
- **Recycled content**
- **Designed for disassembly**

Companies are awarded with certification based on the selected categories once assessed by CREAM panels of assessors and product certification committee.



## Benefits of SustainBuild Mark Certification

Achieving SB Mark certification offers a range of benefits to product manufacturers, locally and internationally. These benefits include:

### Enhanced Marketability

SB Mark certification provides companies with a competitive edge by showcasing their product in the SB Mark website, which helps to boost the investment and marketing capabilities for the product owners.

### Guided Implementation

As governments around the world introduce stricter environmental regulations, SB Mark helps companies stay ahead of the curve by ensuring compliance with these standards through the establishment of policies based on ESG criteria. This helps the industry to prepare well for the future where ESG compliance will be crucial and important factor towards better economic growth.

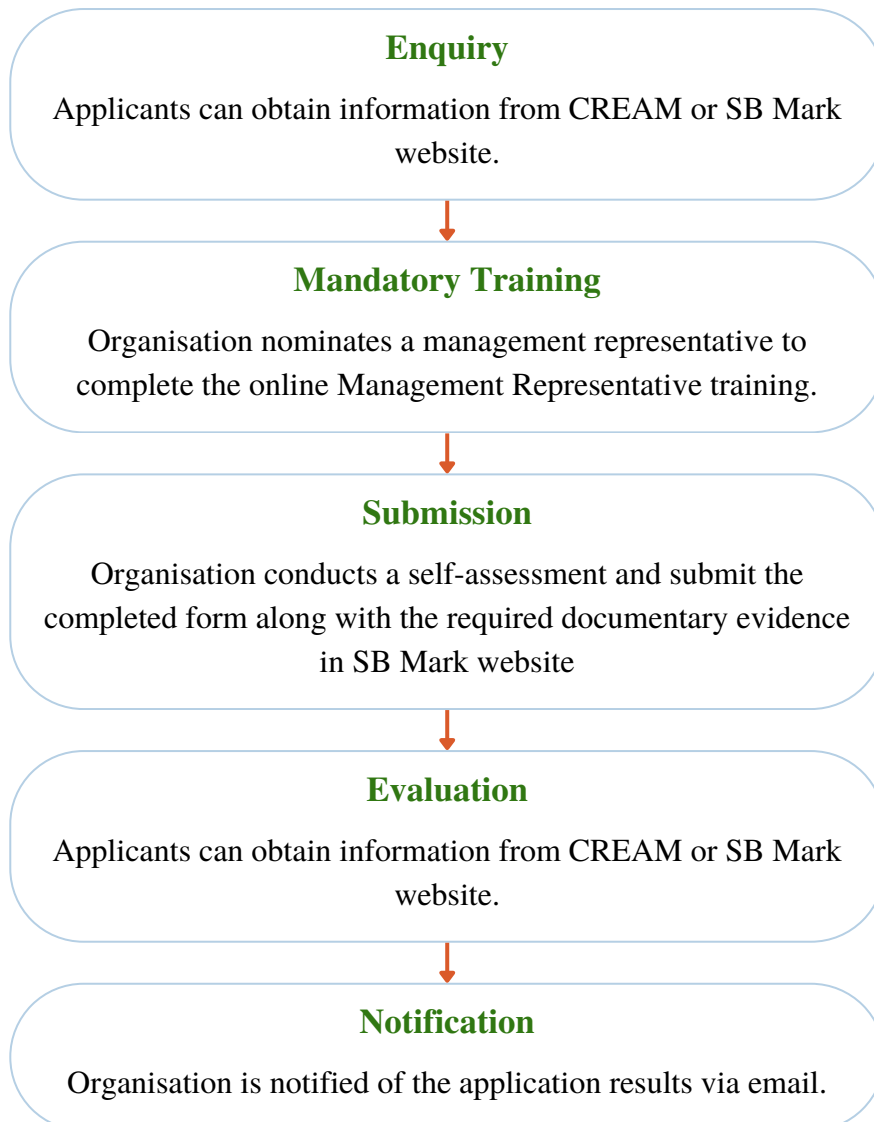
### Incentive Programs

As the certification provider, CREAM provides incentives for the stakeholders to encourage their product to be certified under SB Mark. Among the incentives for the stakeholders include:



- Free access to 5 CREAM webinars per year for 3 years.
- A one-time discount of 3% to 5% for a product testing service by CREAM at the MKRM lab.
- 10% discount on the Construction Product Approval (CPA) service fee. If an inspection is required, an additional 7.5% discount will be applied to the inspection fee.
- 10% discount on the Contractor Quality Management System (CQMS) fee if the contractor uses a SustainBuild Mark product.

## How to Obtain SustainBuild Mark Certification



*Sample of SustainBuild Mark Certificate*

## Conclusion

SustainBuild Mark is a powerful tool for driving ESG impact in the construction industry. By integrating environmental, social, and governance considerations into work process, SB Mark-certified projects contribute to a more sustainable and equitable built environment. As the demand for ESG-compliant continues to grow, SB Mark provides a credible and comprehensive certification framework for companies looking to demonstrate their commitment to sustainability.

For more information about SB Mark, visit [sbmark.my](https://sbmark.my) and learn how your next project can become a beacon of sustainability in the construction industry.

# The Necessity of Being Certified with Perakuan Pematuhan Standard (PPS)



*by Ts. Syaza Nabilla Mohd Suhaimi  
and Nurul Najiha Mohd Azman*

In our ever-evolving landscape of construction and infrastructure development, ensuring that all industry players adhere to high standards is paramount. One important certification in Malaysia that ensures quality and compliance in the construction sector is the Perakuan Pematuhan Standard (PPS) certificate issued by the Construction Industry Development Board (CIDB) Malaysia. Specifically, the regulation falls under Schedule 4 in CIDB Act 520. CIDB Act 520 is a legal framework that governs the construction industry in Malaysia, providing the regulatory structure for the development, supervision, and control of the industry, ensuring it operates effectively, safely, and with high standards.

There are ultimately 13 categories of construction products listed under this framework, namely: aluminium, insulation material, ceramic tiles, glass, fibre cement flat sheet (not containing asbestos), pre-cast concrete, ready-mix concrete, cement, Industrialized Building System (IBS) components, ceramic pipes and pipe fittings, sanitary wares, iron and steel products, and radiant barriers (thermal insulation foil). Whichever specification of product components falls under these categories is required to obtain CIDB's PPS certification.

This certification is regulatory for both local contractors and importers within the construction industry. As stated in CIDB Act 520, if a contractor or supplier fails to present the PPS certificate during an audit or when requested by the enforcement team, they may be subjected to penalties.

The primary reason for industry players to acquire the PPS certificate is to comply with either the accepted international or national construction standards. CIDB sets out specific guidelines, regulations, and standards that ensure quality, safety, and efficiency in construction projects. The PPS certificate serves as proof that a contractor or importer adheres to these prescribed standards, ensuring that the materials and processes used in a project meet the required safety and quality benchmarks.



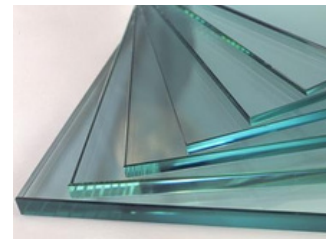
*Aluminium*



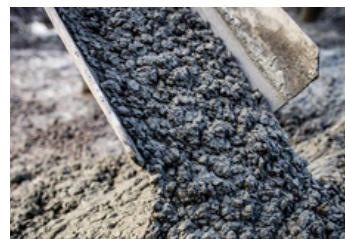
*Ceramic pipes*



*Cement*



*Glass*



*Ready Mixed Concrete*



*Iron & Steel*



*Concrete Cube*



*Insulation material*



For suppliers, contractors, and importers, credibility is a key factor in establishing long-term business relationships. Having PPS certification demonstrates a commitment to quality and integrity, building trust with clients, partners, and regulatory authorities. For local contractors, it is an endorsement of their professionalism and technical competence. For importers of construction materials, it shows that the products they bring into Malaysia meet the country's safety and quality requirements. This certification is vital for winning contracts, as clients and project owners often prioritize companies that have demonstrated compliance with CIDB's standards and requirements.

Construction projects involve a significant level of risk, whether related to worker safety, the structural integrity of a building, or the quality of the materials used. The PPS certificate ensures that industry players are committed to safety protocols, risk management practices, and preventive measures. It ensures that the materials supplied are free from defects and comply with safety standards. This certification is essential for reducing the likelihood of accidents, lawsuits, or project delays due to substandard materials or practices.

Both government and private sector contracts require companies to hold the PPS certificate to be eligible for bidding or participation. The government of Malaysia, through CIDB, recognizes only those companies that comply with the relevant standards as qualified for public tenders. Therefore, without PPS certification, local contractors and importers may find themselves excluded from valuable project opportunities. This certification not only opens doors to larger-scale projects but also ensures that industry players remain competitive in the marketplace.

Today, many construction projects require international collaboration and recognition. Obtaining PPS certification can be an asset for industry players seeking to gain recognition on the global stage. For example, importers who adhere to CIDB's standards and guidelines may find it easier to partner with international suppliers and participate in overseas projects. PPS certification can also be a tool for local contractors to expand their services beyond Malaysia, as it serves as an assurance of quality recognized internationally.



Makmal Kerja Raya Malaysia (MKRM) plays a key role in obtaining PPS certification. As an accredited laboratory, MKRM conducts standardized tests on construction materials, assessing their structural, chemical, and mechanical properties to ensure they meet required standards. Once testing is complete, MKRM provides a report, which forms the basis for CIDB Malaysia to issue the PPS certificate, confirming the materials are safe and reliable for use in construction projects.

The PPS certificate from CIDB Malaysia is not just a regulatory requirement—it is a symbol of a commitment to quality, safety, and sustainability in the construction industry. Whether you are a local contractor or an importer of construction materials, obtaining this certification is essential for securing new business opportunities, building trust, and staying competitive in the marketplace. In today's increasingly complex and regulated construction environment, it is not enough to simply meet the minimum requirements. Being certified with PPS shows that you are a responsible, forward-thinking industry player invested in long-term success.

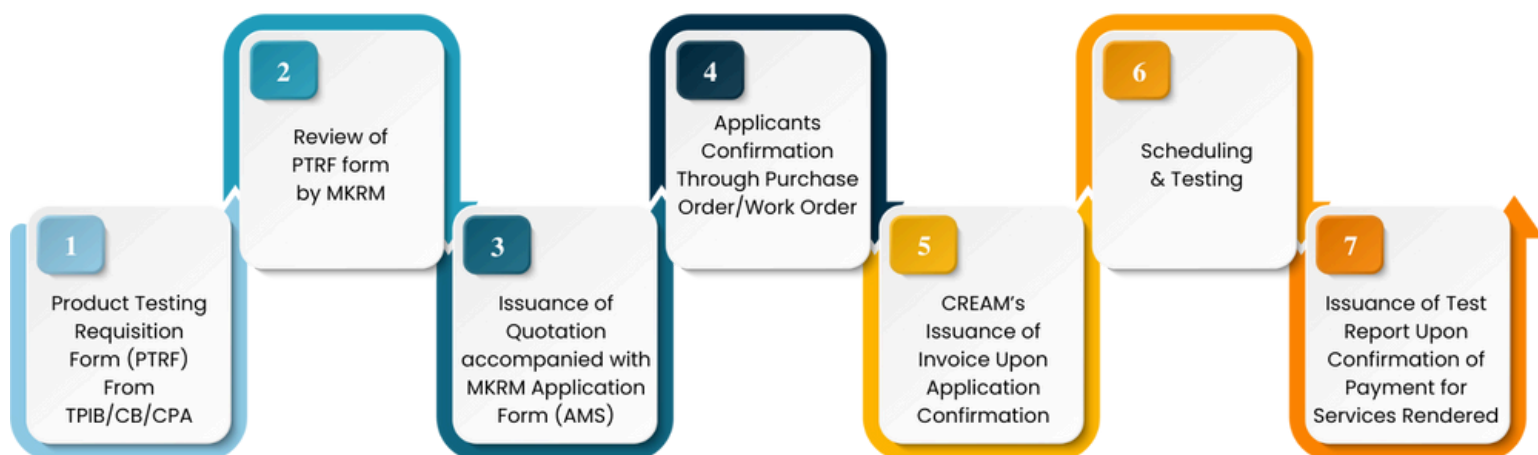
# Guide for Makmal Kerja Raya Malaysia (MKRM) Testing Application



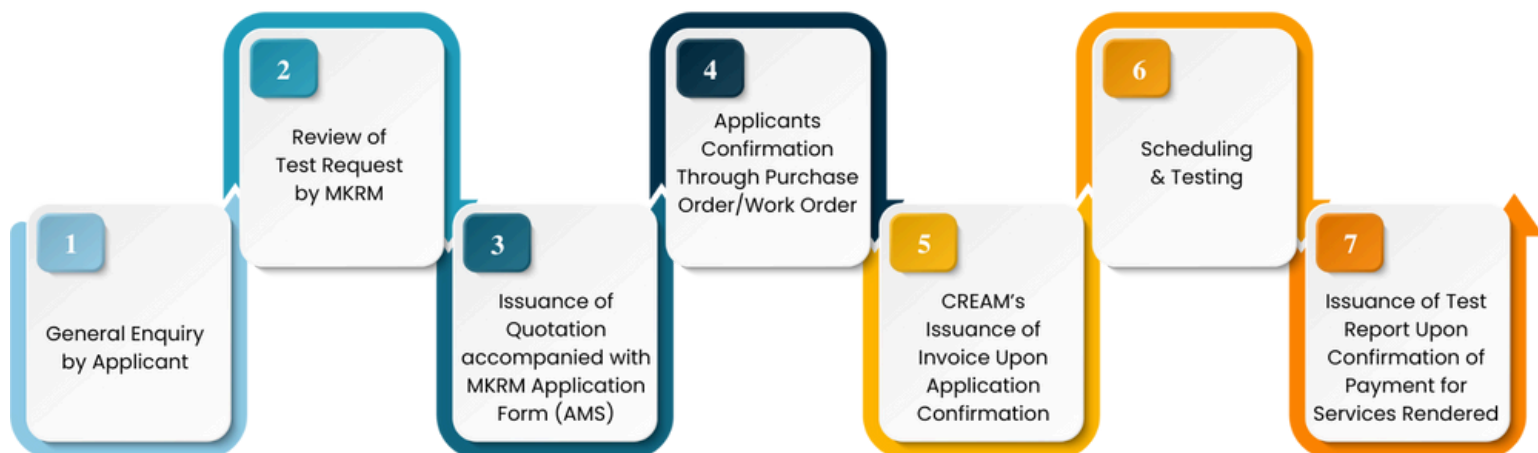
by Ts. Yuzairi Rozaidi Bin Rohaizan and Ts. Syaza Nabilla Mohd Suhaimi

Makmal Kerja Raya Malaysia (MKRM) is an ISO 17025-accredited laboratory serving as the testing division for the Construction Research Institute of Malaysia (CREAM). Equipped with a wide range of facilities for structural and material testing, we cater to the construction industry. For over 17 years, we have supported the sector by conducting tests on local and imported products for local authority approval, QA/QC testing, and research testing for industry and academia. Below is the process flow for MKRM's testing service applications:

## 1) For authority mandated testing (Third-party Inspection Body, Certification Body, Construction Product Approval etc.):



## 2) For general testing (QA/QC, In-House developed test method, academia research etc.):





For further details about our testing services, kindly email your queries to [mkrm@cream.my](mailto:mkrm@cream.my) or visit our website by scanning the QR code below:



# Testing Facilities Available at CREAM -MKRM



*We offer over 10 years of experience, providing a broad range of services to clients around the globe.*

*Our global network of laboratories and testing facilities, staffed by knowledgeable, experienced and competent personnel, help you to reduce risks, shorten time to market and demonstrate the quality and safety of materials, components, or products.*

*Full scale structure component test is our main forte. We can test actual size structure components such as beam, wall, slab, piles, segmental box girder, scaffolding, railway component, etc. We also offer testing services for wide range of construction material for your product quality determination, regulatory requirement, or any other compliance purposes.*

*CREAM-MKRM and its branches are accredited to MS ISO/IEC 17025 by Department of Standards Malaysia, thus ensuring the high standard and quality of the report produced.*



### Some of our facilities are:

1. Reaction floor (15m x 26m)
2. Reaction wall (6m x 6m)
3. Universal testing machine 100 kN- 2000 kN
4. 200 kN-300 kN dynamic testing machine 100 kN- 2000 kN
5. 300 kN dynamic actuator
6. 500 kN - 2000 kN static actuator
7. 500 kN resonance testing machine
8. Hardness tester
9. Spectrometer
10. 3D bar measurement

### Scope and Testing Services

*include but not limited to*

## IRON & STEEL

*Typical Product : Rebar, Plate, Mesh, Wire, Rod, Tube, Strand, Hook, Anchor, Lifting Clutch etc.*

- Dimension
- Mass
- Tensile
- Yield
- Fatigue
- Chemical Element Analysis (XRF, Spectrometer, ONH Analyzer)
- Coating thickness (Magnetic & Gravimetric method)
- Coating mass
- Surface coating
- Shear weld
- Flattening
- Surface geometry (Microscope & 3D high speed camera scan)
- Pull out force
- Bend/Rebend
- Elongation
- Relaxation
- Hardness (Brinell, Rockwell & Vickers)
- Rebar bond test
- Mechanical splice test
- Weathering
- Corrosion
- Sample cutting

### SCAFFOLDING & FALSEWORK

*Typical Product : A-Frame, Modular, Tubular, Vertical & Horizontal Frame, Standard, Ledger, Transom, Cross Brace, U-Head & Jack Base, Sleeve, Coupler, Pin, Steel Prop, Platform, Clamp & Hook, Catwalk, Toe board, Guardrail, Stairway etc*

- Dimension
- Mass
- Tensile
- Fatigue
- Chemical Element Analysis (XRF, Spectrometer, ONH Analyzer)
- Coating thickness (Magnetic & Gravimetric method)
- Coating mass
- Surface coating
- Bending /Flexural
- Shear
- Proof load
- Cross cut test
- Corrosion
- Weathering
- Deflection
- Surface geometry (Microscope & 3D high speed camera scan)
- Load test on U-Head/Jack base
- Side protection test
- Bending test on platform
- Dynamic test on staircase
- Drop test
- Global test on shoring system
- Full scale test in scaffold, falsework & shoring system
- 1x3, 3x3, high tower, low tower
- Test on sleeve & coupler
- Straightness
- Load test on prop
- Pin test on prop
- Unintentional disengagement on prop Cross brace pi

### CONCRETE

*Typical Product : Ready Mixed Concrete (RMC), Fresh Concrete, Concrete Coring, Mortar, Aggregates, Cement, Bricks, Blocks*

- Sample Preparation
- Dimension & Mass
- Compression test (Cube, Cylinder, Core)
- Flexural Test
- Density
- Water absorption
- Specific Gravity
- NDT Test on Concrete
- Slump test
- Cement chemical properties (XRF)
- Sieve analysis
- Compacting factor
- Cube test with RFID technology
- Concrete coring
- Tensile splitting
- Immersion



### NON-DESTRUCTIVE TEST (NDT)

*Typical Product : Concrete, Iron & Steel , Cement*

- Rebound / Schmidt Hammer
- Ground Penetrating Radar (up to 6 m)
- Ultrasonic Pulse Echo Wireless Imaging System
- Eddy Current Instrument
- Digital Ultra Sonic Flaw Detector
- Handheld XRF
- Digital Microscope
- 3D Bar Scanner for Surface Geometry



### FULL SCALE STRUCTURAL TEST

*Typical Product : Industrialized Building System (IBS) Component, Precast Concrete, Steel Frame, Timber Frame, Formwork, Blockworks, Innovative Product, Wall Panel, Beam, Slab, Hollow Core Slab, Staircase, Precast Piles, Pipes, Culvert, Non Load Bearing Wall, Bridges, Pier, Segmental Box Girder etc.*

- Static load test (Vertical, Horizontal)
- Flexural & Bending test
- Compression test
- Load Combination (Vertical + Horizontal)
- Dynamic Load Test
- Dimension
- Proof Load Test
- Design Conformity Test
- Strength & robustness test of Wall Panel
- Customized structure test





## RAILWAY INFRASTRUCTURE

*Typical Product : Precast Concrete Railway Sleepers, Composite Sleepers, Bearers, Rail Track*

- Bending moment test on sleepers (Negative / Positive)
- Bending moment test on rail seat (Negative / Positive)
- Dynamic load test on rail seat
- Fatigue test on rail seat
- Insert Pull out test
- Bend test on rail track
- Chemical composition test
- Hardness Test
- Dynamic/Fatigue test

## MKRM SABAH & MKRM SARAWAK

*Typical Product : Concrete, Cement, Aggregate & Iron & Steel*

### CONCRETE

- Compression
- Flexural
- Water depth of penetration
- Slump
- Density
- Dimension
- Air content
- Degree of Compatibility
- Water absorption

### CEMENT

- Compression on mortar
- Soundness
- Setting time
- Fineness (Blaine method)

### AGGREGATE

- Particle size distribution
- Impact value
- Crushing value
- Flakiness index
- Elongation

### IRON & STEEL

- Tensile
- Yield strength
- Elongation
- Dimension



Get our complete list of  
testing facilities



# Highest SHEQ Achievements

CREAM congratulates the following project teams for their outstanding achievements in Safety, Health, Environment, and Quality (SHEQ) assessments for the year 2024. Well done!



Scan for brochure

*Quality Assessment System in Construction (QLASSIC) is an independent assessment tool to measure and evaluate the workmanship quality of a building construction works based on Construction Industry Standard (CIS 7:2021 Quality Assessment System for Building Construction Works).*

*QLASSIC enables the quality of workmanship in that particular project to be objectively measured through a scoring system.*

## Project Name:

Cadangan Pembangunan Perumahan Berstrata Yang Mengandungi : Fasa 1 : I) 23 Unit Rumah Teres 2 Tingkat (Jenis 1 - 22' X 61') II) 30 Unit Rumah Teres 2 Tingkat (Jenis 2 - 25' X 68') III) 16 Unit Rumah Teres 3 Tingkat (Jenis 3 - 25' X 86') Iv) 1 Unit Pejabat Pengurusan V) 1 Unit Pondok Pengawal VI) 1 Unit Pencawang Elektrik Tnb VI) 1 Unit Rumah Sampah Fasa 2: 1 Blok Pangsapuri 24 Tingkat (138 Unit) Beserta 3 Tingkat Podium Tempat Meletak Kereta Berserta Kemudahan-Kemudahan Berkaitan Di Atas Lot 206957, Pembangunan Bukit Senibong, Mukim Plentong, Daerah Johor Bahru, Johor Darul Takzim Untuk Tetuan Senibong Hills Sdn Bhd

## Developer:

Senibong Hills Sdn Bdn

## Contractor:

Pamir Development Sdn Bhd

## QLASSIC Score:

89%

*Congratulations*

# Highest SHEQ Achievements



Scan for brochure

*Safety and Health Assessment System in Construction or SHASSIC is an independent assessment tool to assess the safety and health at the work site in the construction projects based on Construction Industry Standard (CIS 10:2022 Safety and Health Assessment System in Construction (SHASSIC)).*

*The assessment shall cover 25% to 75% of a project's physical progress and shall inclusive of construction planning stage and construction stage.*

## Project Name:

CTC Plot 1 @ Cheras Cadangan Pindaan Kepada Perintah Pembangunan Rujukan No (104) DLM. DBKL.JPRB.6544/2008 Bhg 1 Bertarikh 27 Januari 2021 Bagi Cadangan Pembangunan Pangsapuri Perkhidmatan Yang Mengandungi: - A. Blok A – 42 Tingkat Pangsapuri Perkhidmatan (677 Unit) Dari Aras 12 – Aras 53 B. Blok B – 43 Tingkat Pangsapuri Perkhidmatan (657 Unit) Dari Aras 11 – Aras 53 Beserta 5 Tingkat Yang Terdiri Daripada Kemudahan Penduduk, Tempat Letak Kenderaan Dan Pangsapuri Perkhidmatan Dari Aras 7 – Aras 11 Di Atas 7 Tingkat Podium Yang Mengandungi: I. 3 Tingkat Tempat Letak Kenderaan Dan II. 4 Tingkat Ruang Perdagangan, Kedai Pejabat, Pejabat, Tempat Letak Kenderaan Dan Kemudahan Penduduk Di Atas 1 Tingkat Separa Besmen Tempat Letak Kenderaan Di Atas Sebahagian Lot 103000 (Lot-Lot Lama: 38026, 38027, 38028, 38029), Batu 6, Off Jalan Cheras, Mukim Petaling, Daerah Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur. Untuk Tetuan Uem Land Berhad.

## Developer:

UEM Land Berhad

## Contractor:

Geohan Sdn Bhd

## SHASSIC Score:

100%

*Congratulations*



# Highest SHEQ Achievements



[Scan for brochure](#)

*MyCREST stands for Malaysian Carbon Reduction and Environmental Sustainability Tool. MyCREST delineates the strategies and green elements thus acts as a guide to all stakeholders of the construction industry in adopting sustainable development practices. MyCREST calculates and quantifies the actual carbon emission at every stage of a building life cycle. This tool aims to guide, assist, quantify and thereby reduce the built environment's impact in term of reduced carbon emissions and other environmental sound practices. MyCREST integrates socioeconomic considerations related to the build environment and urban development.*

## Project Name:

Hospital Bentong (Operation & Maintenance)

## MyCREST Score:



89.0%

## Client:

Kementerian Kesihatan Malaysia

## Consultant:

Radicare (M) Sdn Bhd

*Congratulations*

# Highest SHEQ Achievements



[Scan for brochure](#)

*The Malaysian Construction Industry Development Board (CIDB) has developed a sustainable infrastructure rating tool for Malaysia with an ultimate purpose to assess the extent of sustainability measures adopted by infrastructure project in Malaysia primarily at both design and construction stages. Sustainable INFRASTAR acts as a design and measurement tool to ensure consideration on sustainable elements are incorporate early in the development of projects.*

## Project Name:

Proposed Development of Sg. Rasau Water Supply Scheme (Stage 1) Package 1 – Design and Build of Proposed Rasau Intake, Raw Water Pumping Mains, Water Treatment Plant and Associated Works (Design Stage)

## Client:

Pengurusan Air Selangor Sdn Bhd

## Applicant:

Gamuda Engineering Sdn Bhd

## Sustainable INFRASTAR

### Score:



90.51%

*Congratulations*



**CONTROLS**

# **Activities Highlights**

# Activities Highlights

## A visit from Ministry of Works to MKRM Sarawak

Date : 8 Jan 2025

Venue : Makmal Kerja Raya Malaysia Kuching, Sarawak



A delegation from the Ministry of Works (KKR) visited the Makmal Kerja Raya Malaysia (MKRM) Sarawak on January 8 to evaluate the progress of the new Structural Testing Laboratory. The visit was led by Puan Siti Sarah binti Suhimi, Chief Assistant Secretary of the Unit Dua Hala dan Kerjasama Serantau, under the Bahagian Dasar dan Antarabangsa (BDA). Representatives from CIDB Malaysia, including Pn. Rashimah Adenan, Pn. Nur Hafizah Mohd Nor, Manager of the Compliance Sector, and the State Director of CIDB Sarawak, En. Rosmen Ag. Hassan, also joined the visit.

CREAM-MKRM Sarawak was established under the Twelfth Malaysia Plan (RMK-12) through CIDB Malaysia and commenced operations in November 2022. The lab is expected to be fully completed by the second quarter of 2025. Currently in the final stages of construction, the Structural Testing Laboratory is poised to become a key facility for full-scale structural and component testing, including Industrialized Building System (IBS) components.





# Activities Highlights

The purpose of the visit was to assess the lab's readiness to host a significant international event organized by KKR. The ASEAN Building and Construction Working Group (BCWG) meeting will take place in Kuching, Sarawak, in May 2025. As the host of this prestigious event, KKR plans to organize a visit to MKRM Sarawak for ASEAN BCWG delegates, providing an opportunity to showcase the facility's extensive testing capabilities and expand its market presence within the ASEAN region.

During the visit, En. Ahmad Hazim Abdul Rahim, Senior Manager of the CREAM Testing Division, provided a comprehensive briefing on the project's progress. The visit proved to be fruitful as the KKR delegation had the opportunity to witness first-hand the progress and readiness of the lab. This underscores CREAM's commitment to ensuring the project's success and its positive impact on the regional construction sector.





# Activities Highlights

## Study Tour from Batu Pahat Vocational College on QCLASSIC Assessment

Date : 9 Jan 2025

Venue : Makmal Kerja Raya Malaysia, Kuala Lumpur



On 9th January 2025, CREAM welcomed a study tour from Batu Pahat Vocational College, Johor, consisting of 22 students and 3 lecturers from the Construction Technology Program. The objective of this visit was to provide information about the QCLASSIC assessment, as it is part of the students' curriculum.

CREAM's representative, Mr. Muhamad Azam Azmai, delivered a detailed explanation of the QCLASSIC assessment process and emphasized the importance of maintaining quality in construction projects. In addition to the theoretical presentation, CREAM invited the students and lecturers to visit the IBS model house at the IBS Village CIDB, where the actual QCLASSIC assessment method was demonstrated. CREAM QCLASSIC assessors, Mr. Mohd Azrol Azmi and Mr. Muhammad Helmyyuzi Mohd Hamid, showcased how QCLASSIC assessments are conducted on-site using QCLASSIC equipment and demonstrated the process of selecting appropriate sample locations.

The program concluded with a speech from the student representative, followed by a souvenir presentation ceremony from Batu Pahat Vocational College to the CREAM representative.

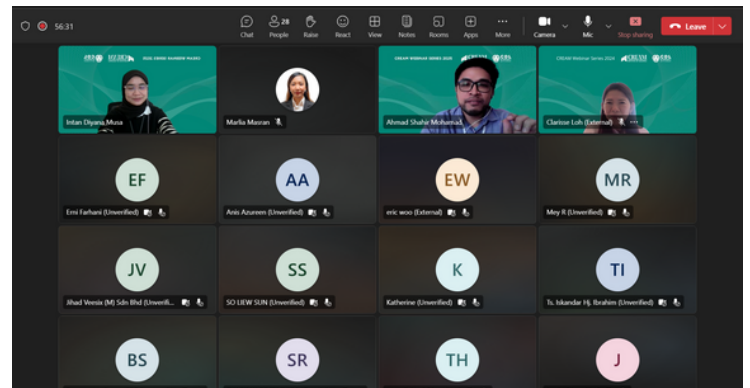
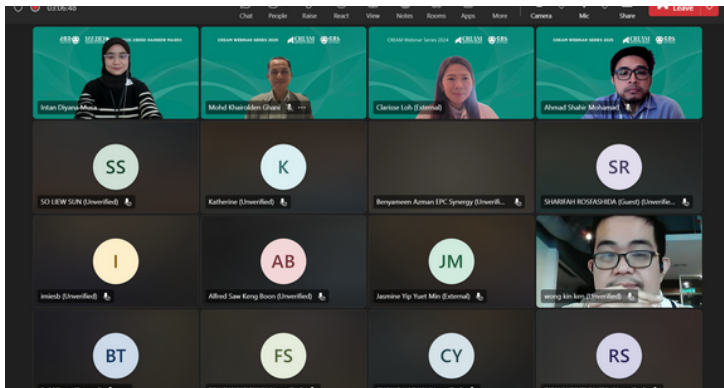


# Activities Highlights

## CREAM Webinar Series 2025

CREAM Webinar Series 2025 is a monthly program organised by CREAM and it is a part of our efforts to initiate conversations on issues, challenges, opportunities and initiatives for the construction industry and beyond.

The topic for this month's webinar is **"Building Sustainable Futures: A Practical Guide to ESG Implementation"**



## Building Sustainable Futures: A Practical Guide to ESG Implementation

Date: 16 Jan 2025

Speakers:

- Ms. Clarrise Loh  
Head of Sustainability, YTL Cements Berhad
- Ir. Ts. Dr. Hj. Khairolden bin Ghani  
Senior Manager, Construction Research Institute of Malaysia (CREAM)

No of participants : 38 pax



# Activities Highlights

## Seminar on Enforcement of Certificate of Standards Compliance (PPS) for Construction Materials under the CIDB Act 520

Date : 20 Jan 2025

Venue : Makmal Kerja Raya Kota Kinabalu, Sabah

In line with CREAM's 2025 plan and direction to diversify its services to the industry, CREAM MKRM Sabah successfully organized a seminar titled "Enforcement of Certificate of Standard Compliance (PPS) for Construction Materials Under the CIDB Act 520." Held on 20th January 2025 at MKRM Sabah, the seminar received an encouraging response from local industry players, with 30 participants in attendance. The participants included representatives from government agencies, contractors, ready-mix suppliers, and academics.

The program began with a comprehensive briefing by En. Ammar Asyraf, Operations Manager at CIDB Sabah, who provided in-depth insights on the enforcement of PPS for construction materials under CIDB Act 520. His session focused on the Fourth Schedule of CIDB Act 520, emphasizing the importance of compliance with regulated materials and how the Act impacts the construction industry.



Subsequently, Puan Azila from CREAM MKRM Sabah presented on the services that CREAM MKRM provides to industry players to meet CIDB regulatory requirements, as highlighted by the previous speaker. She also underscored that CREAM MKRM Sabah is the first laboratory in the Sabah region accredited by the Department of Standards Malaysia, reinforcing its credibility in conducting construction material testing. The seminar also served as an opportunity for CREAM MKRM Sabah to strengthen its industry profile and promote its role in supporting local construction industry players.

Through this seminar, it is hoped that participants gained a clearer understanding of the requirements for compliance with standards in the construction sector, as well as the benefits that CREAM MKRM Sabah laboratory can offer.



# Activities Highlights

## **Presentation of Final Report on Tracer Study for Skills Under the Ministry of Works**

Date : 5 Feb 2025

Venue : Kementerian Kerja Raya Malaysia, Kuala Lumpur

On 5th February 2025, the Construction Research Institute of Malaysia (CREAM) presented the final findings of the study titled "Tracer Study on Ex-Competitors for Skills Under the Ministry of Works" to the Secretary General of the Ministry of Works and senior officers from the ministry and CIDB.

The six-month study, involving 268 respondents, highlighted several key findings: 81% of ex-competitors were considered marketable for international competitions, while the employability rate stood at 56%. Based on the findings, several recommendations were made to enhance both soft and hard skills in preparation for future international competitions.





# Activities Highlights

## Hari Integriti CIDB Sarawak & Anak Syarikat Bersama SPRM Sarawak

Date : 17 Feb 2025

Venue : Kuching, Sarawak



On February 17, 2025, CIDB Sarawak and its subsidiaries collaborated with the Sarawak branch of the Malaysian Anti-Corruption Commission (SPRM) to organize Integrity Day 2025 at the CIDB Convention Centre Sarawak. The program was attended by approximately 110 participants, comprising officers from CIDB Sarawak, Akademi Binaan Malaysia (ABM) Sarawak Region, the Construction Research Institute of Malaysia (CREAM), and CIDB Technologies Sdn Bhd. The event focused on promoting integrity, transparency, and ethical business practices in the construction industry.

With the theme "Integrity in Industry: Fighting Corruption with Conscience," the event began with welcoming speeches from Tuan Haji Ahmad Ridzuan Ismail, Senior General Manager of the Compliance & Management Sector, CIDB Malaysia, followed by Tuan TPj Hasbilah bin Mohamad Salleh, Director of SPRM Sarawak. This was then followed by the Corruption-Free Pledge (IBR), where participants pledged to uphold ethical practices. A recognition certificate was presented to CIDB Sarawak, ABM Sarawak, CREAM, and CIDB Technologies as a symbol of their commitment to integrity.

After the officiation ceremony, the program continued with two briefing sessions conducted by SPRM officers. Senior Superintendent PsK Maini William from the Community Education Division gave a briefing on corruption laws, including Section 17A of the SPRM Act 2009, to help participants understand their legal responsibilities in business. The second briefing was delivered by PKPj Wan Ahmad Nidzam bin Wan Omar, Deputy Director (Prevention), SPRM Sarawak. In this session, he shared real-life cases of corruption offenses involving licensing and enforcement officers, as well as the risks associated with regulating the import of raw materials in the construction industry. This sharing helped participants better understand their legal responsibilities and the impact of corruption.



# Activities Highlights

CIDB Sarawak, ABM, CREAM, and CIDB Technologies play an important role in the construction sector. This Integrity Day helped participants reinforce their commitment to providing services fairly and honestly. The collaboration with SPRM is a step toward a corruption-free industry. As an organization certified to the Anti-Bribery Management System MS ISO 37001, CREAM will continue to uphold integrity and ethical business practices.





# Activities Highlights

## 11th Asia Pacific Structural Engineering & Construction Conference (APSEC 2025)

Date : 18-19 Feb 2025

Venue : The Everly Hotel, Putrajaya



The 11th Asia Pacific Structural Engineering & Construction Conference (APSEC 2025) took place over two days on February 18 and 19, 2025, at The Everly Hotel, Putrajaya. The event was hosted by Universiti Teknologi Malaysia (UTM) and organized by the Faculty of Civil Engineering. This year's theme was **"Bridging Innovation and Sustainability for Tomorrow's Infrastructure."**

The two-day event brought together experts from both local and international backgrounds to discuss and present the latest advancements in structural engineering and construction.



The official opening ceremony was officiated by the Minister of Works, YB Dato' Seri Alexander Nanta Linggi. Before leaving the event, he toured the exhibition booths, including the booth of the Construction Research Institute of Malaysia (CREAM), which was invited by the organizers as one of the exhibitors.

CREAM would like to extend its deepest gratitude and highest appreciation to the organizers for the successful execution of this event and for providing CREAM the opportunity to participate in APSEC 2025.





# Activities Highlights

## CIDB Perak Luncheon Session with Perak Local Authorities Regarding CIDB Score and SHEQ Programs for 2025

Date : 25 Feb 2025

Venue : Symphony Suites Hotel Ipoh, Perak



On 25th February 2025, CIDB Perak organized an engagement session with local authorities from Perak to share information on enhancing and fostering quality in the construction industry, assessing safety levels at construction sites, and supporting sustainable construction practices.

Representing CREAM, Mr. Muhamad Azam Azmai presented on the Safety and Health Assessment System in Construction (SHASSIC), the Quality Assessment System in Construction (QLASSIC), and sustainability programs such as MyCREST and Sustainable INFRASTAR. The event was attended by representatives from local authorities across all districts in Perak.





# Activities Highlights

## CIDB Pahang Engagement Session with Pahang Local Authorities and Pahang State Government Agencies 2025.

Date : 26 Feb 2025

Venue : Swiss-Belhotel Kuantan, Pahang



On 26th February 2025, CIDB Pahang organized an engagement session with local authorities and state government agencies in Pahang. The session aimed to strengthen understanding of the Government Work Procurement Certificate (SPKK) and the actions that can be imposed on appointed contractors. It also sought to increase awareness among construction industry players about the SCORE and MSCORE programs, introduce the MyCREST and Sustainable INFRASTAR ratings, enhance understanding of the Standard Compliance Certificate (PPS) for building materials, and promote the implementation of Building Information Modelling (BIM) in the construction industry.

Representing CREAM, Mr. Muhamad Azam Azmai presented the sustainability programs in construction, specifically MyCREST and Sustainable INFRASTAR, to the participants.





# Activities Highlights

## Engagement Session with Waste Construction Stakeholders

Date : 26 Feb 2025

Venue : Bangi Resort Hotel, Selangor



On 26th February 2025, an engagement session on the harmonization of referenced documents related to construction waste in the construction industry was held. The purpose of the session was to provide updates on the current status and progress of construction waste management in Malaysia.

The Construction Research Institute of Malaysia (CREAM) organized the session, inviting local authorities, agencies, and departments involved in construction waste management to participate. This initiative is part of the ongoing collaboration with YTL Cement under Work Stream 3, which aims to promote sustainable construction practices.



Key issues discussed during the session included illegal dumping and the lack of enforcement. It was emphasized that data on construction waste generated from construction sites needs to be updated, and there is an urgent need for a top-down approach by the government to effectively implement waste management strategies in the construction industry.



# Activities Highlights

## CIDB Melaka Engagement Session on SCORE, MyCREST & Sustainable INFRASTAR with Government Departments and Private Agencies for 2025

Date : 27 Feb 2025

Venue : Grand Swiss-Belhotel, Melaka



On 27th February 2025, CIDB Melaka organized an engagement session with government departments and private agencies in the state of Melaka. The session focused on highlighting the CIDB SCORE program and promoting sustainability in construction through MyCREST and Sustainable INFRASTAR assessments. Representing CREAM, Ts. Syed Hazni Abd Gani presented the sustainability programs MyCREST and Sustainable INFRASTAR to the participants.





# Connect with us



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Construction Research Institute of Malaysia

