



# Regulatory Requirements on Scaffolding Under CIDB Act (amendment 2011)



**THE ROYALE CHULAN  
HOTEL, KUALA LUMPUR**

**1 March 2016**

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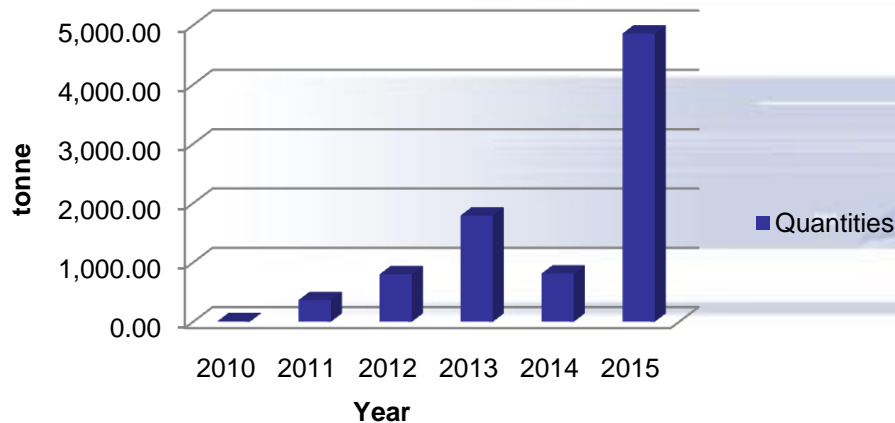
# INTRODUCTION

- CIDB Act (520) which was introduced in 1994 was amended in 2011.
- One of the additional provisions under the amended act is to regulate the construction materials
- On 26<sup>th</sup> May 2015, the YB MOW has approved the effective date on the implementation of the act is 1 June 2015

# INTRODUCTION

- However regulating material is not new to CIDB because we had been regulating imported material under CUSTOM Act since 2003/2004

## Steel Frame Scaffolding



HS Code	Year	Quantity (tonne)
7308401000,	2010	9.70
	2011	365.26
7308409000	2012	799.51
	2013	1,790.94
	2014	812.43
	2015	4,860.49

# FUNDAMENTALS IN REGULATING MANDATORY STANDARDS

- **Standards originally are meant for voluntarily usage**
  - ✓ **Good practices**
  - ✓ **Min. specification for quality product/material**
- **But over the years due to national interest, the growing of public concerned on product safety and issues on borderless /free flow of trade have resulted some of the standards have been made mandatory**
- **Mandatory standard simply means the industry is compelled to comply to the standard failing which will be subjected to legal action**

# FUNDAMENTALS IN REGULATING MANDATORY STANDARDS

SD – Standard Developer : Jabatan Standard Malaysia (JSM)

SDA – Standard Development Agency : SIRIM Bhd, MTIB, LGM

RB – Regulatory Body : CIDB

AB – Accreditation Body : JSM

CAB – Conformity Assessment Body

# Fundamentals in Regulating Mandatory Standards

- ❖ CB – Certification Body accredited by AB based on ISO 17065 - PC
  - ❖ IB – Inspection Body accredited by AB based on ISO 17020 - IR
  - ❖ AL – Accredited Lab accredited by AB based on ISO 17025, SAMM logo - FTTR
- PC – Product Certificate
- PPS – Perakuan Pematuhan Standard



- **Section 2. (1) – Interpretation:**
- **‘construction material’ means any type, size and nature of material, initial, temporary, intermediate or finished, whether manufactured locally or imported used for the construction industry.**
- **‘construction industry’ means the industry related to construction works, including design, manufacturing, technology, material and workmanship and services for purposes of construction**



- **Section 33C(1) : ‘The Lembaga shall, in the manner determined by the Lembaga, certify the construction materials used in the construction industry and specified in the Fourth Schedule in accordance with the standard specified in the Schedule.’ – certification clause**
  - **Section 33C(4) : ‘The Lembaga may, for the purpose of certification under subsection (1), **impose any condition** as it thinks fit. – procedural clause**
- .....inline with principles of GRP, all procedures will be developed through stakeholders engagement.**

**FOURTH SCHEDULE**  
**[Subsection 33c(1)]**  
**STANDARDS FOR CERTIFICATION OF CONSTRUCTION MATERIAL**

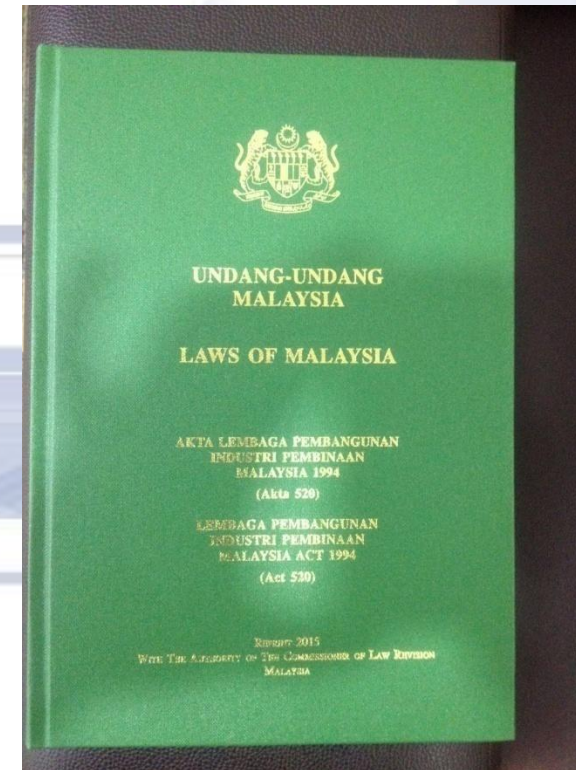
<b>No</b>	<b>Type Of Construction Material</b>	<b>Standard</b>
11	Steel Frame Scaffolding	MS 1462
12	Cold reduced mild steel wire for reinforcement of concrete	MS 144
13	Steel welded fabric for reinforcement of concrete	MS 145
14	Hot rolled steel bars for reinforcement of concrete	MS 146
15	Hot rolled non alloy structural steel sections	MS 1490
16	Steel wire ropes for lifts	MS ISO 4344

- **Section 33D(1) : ‘A person shall not deal or undertake to deal, whether directly or indirectly, with the construction materials specified in the Fourth Schedule unless the construction materials have been certified by CIDB.’ – prohibitive clause**

*Section 2. (1), ‘deal’ means to handle, use, manufacture, supply, market, transfer, sell or buy, whether wholesale or retail, import or export*

- **Section 33D(2) : Any person who deal or undertake to deal with the construction materials specified in the Fourth Schedule without the certification of the Lembaga shall be guilty of an offence and shall, on conviction, be liable to a fine of not less than RM10,000 but not more than RM500,000.’ – penalty clause**

- **Section 33E(1) : ‘Where any construction material which is not certified in accordance with this Act is dealt with or is undertaken to be dealt with or will be dealt with by any person, the Lembaga may, by notice in the prescribed form, serve on such person requiring him to abstain from commencing or proceeding with, engaging in or being involved in or undertaking to be engaged or involved in, dealing with the non-certified construction material’. – **notification clause** to stop using the material**



## WHAT DOES THAT IMPLIES ????......

- CIDB is now a RB for enforcing the identified mandatory standards
- The manufacturer will be held responsible for quality of their products
- Using the materials during construction not certified by CIDB is considered a legitimate offence under the amended CIDB act which liable to be compounded or fined

## Compare to the current scenario.....

Using materials not accordance to the technical specifications is considered breaching the contractual requirements whereby the product will be rejected.

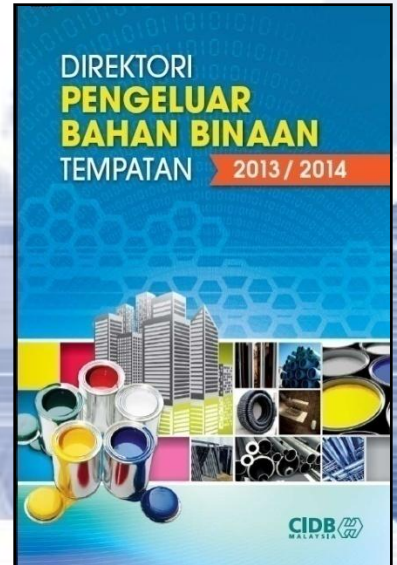
# CERTIFICATION FRAMEWORK

- Mandated the manufacturers to test their materials according to the respective mandatory standards by the accredited CABs (third party) – MS 1462: 2012
- CABs will undertake sampling, factory auditing and testing of materials
- AB (JSM) regulates CABs through its accreditation program



# CERTIFICATION FRAMEWORK

- Using the CB's PC then the manufacturers will apply Certificate of Standard Compliance (PPS) from CIDB
- CIDB will register the materials



***.....please note that CIDB being the RB will NOT be involved in taking samples and perform material testing. CIDB accepts testing reports from accredited CABs.***



# ENFORCEMENT APPROACH

CIDB will look for evidences of PPS

- Periodic site visits
- Inspection/verification of materials at factories
- Verification of materials at port
- Inspection at premises (marketing outlet or storage area)

....therefore ensure the products have PPS

# ENFORCEMENT APPROACH

## RECOMMENDED ROLES OF STAKEHOLDERS

- Client** – incorporate in contractual requirements
- Consultant** – align design features and technical specification with MS 1462
- Contractor** – ensure use scaffolds with PPS
- Supplier** – ensure scaffolds from registered manufacturer

# ENFORCEMENT APPROACH

## RECOMMENDED ROLES OF STAKEHOLDERS

**Manufacturer – apply PPS from CIDB**

**Importer - ensure that to obtain the test result prior to handling of scaffolds for shipment. No samples are allow at ports.**

**....holistic approach moving towards self-regulation**

# ENFORCEMENT APPROACH

## RECOMMENDED ROLES OF STAKEHOLDERS

- **CIDB is in the midst of the development of Construction Industry Standard (CIS), Scaffolding: Guidelines for Safe Use of Scaffolding in Construction**
- **Expected to be released for public comment somewhere in June 2016.**
- **The industry should participate in the giving their comments in that document**

# Benefits of Regulating Scaffolding

- ✓ **Safeguard the workers— avoid failure due to substandard or under specification material**
- ✓ **Protect the country from becoming dumping ground of sub standard scaffolds**
- ✓ **Establish equal level of playing fields – promote standardization, i.e. manufactured based on MS 1462.**
- ✓ **Healthy competition based on productivity, efficiency and cost effectiveness – good for customer**



No Lesen : PA055901  
Licence No :

## LESEN PENSIJILAN BARANGAN

*Product Certification Licence*



SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada  
*SIRIM QAS International Sdn. Bhd. hereby grants to*

**ASCENTURY SDN. BHD.**  
NO. 7, JALAN SUNGAI KERAMAT 5  
TAMAN KLANG UTAMA  
42100 KLANG  
SELANGOR MALAYSIA



MS ISO/IEC GUIDE 65 : 2003  
PC 01/03/004 CR 01

Lesen untuk menggunakan Tanda Pensijilan di atas barangan  
*a licence to use the Certification Mark on*  
**CERAMIC TILES**

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan  
*as complying with*  
MS ISO 13006 : 2003

*Khalidah Mustafa*

**Khalidah Mustafa**  
Pegarah Urusan  
*Managing Director*  
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.  
(No. Syarikat 410334-X)  
1, Persiaran Dato' Menteri  
Bekesyen 2, Peti Surat 7035  
40700 Shah Alam  
Selangor Darul Ehsan  
MALAYSIA

Tarikh Mula Pensijilan : 18 May 2007  
Certified Since  
Sah Sehingga : 18 May 2013  
Valid Until

Tarikh Dikeluarkan : 15 May 2012  
Issue Date  
No Siri : 001597  
Serial No

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
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Faks : 60-3-55448466  
<http://www.sirim.com.my>  
<http://www.malaysiancertified.com.my>



No Lesen : PA055901  
Licence No :

## SCHEDULE

ASCENTURY SDN. BHD.



Brand : XINLICHENG, ZHANPENG  
Model : GROUP BIA - UNGLAZED (THICKNESS MORE THAN OR EQUAL TO 7.5MM)  
INDICATION OF FIRST QUALITY : AAA  
Rating : NON - MODULAR60CM X 60CM, 80CM X 80CM

Factory Name and Location :  
FOSHAN XIN HUA TAO CERAMIC CO. LTD.  
JINGANG INDUSTRIAL ZONE  
BAINI TOWN, SANSHUI FOSHAN  
GUANGDONG CHINA



MS ISO/IEC GUIDE 65 : 2003  
PC 01/03/004 CR 01

*End of page*

**SAMPLE**

SIRIM QAS International Sdn. Bhd.  
(No. Syarikat 410334-X)  
1, Persiaran Dato' Menteri  
Bekesyen 2, Peti Surat 7035  
40700 Shah Alam  
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Tel : 60-3-55448400  
Faks : 60-3-55448466  
<http://www.sirim.com.my>  
<http://www.malaysiancertified.com.my>



## PERAKUAN PEMATUHAN STANDARD (BAHAN BINAAN)

Sebelum dengan ini pengeluar/pengilang yang dinyatakan di bawah ini telah mengeluarkan bahan binaan yang diperakui oleh Lembaga mengikut Bahagian VIIA Akta Lembaga Pembangunan Industri dan Binaan Malaysia (Produk 2011). Perakuan ini adalah terikat kepada syarat-syarat yang telah ditetapkan. Perakuan ini mengesahkan bahawa bahan atau produk binaan yang dinyatakan di bawah telah diperakui oleh Lembaga.

No. Permohonan : CIDBWP091200000  
 Nama Pengilang / Pengeluar : CIDB Malaysia Sdn Bhd  
 Alamat Kilang Pendaftaran : Tkt. 35, Menara Data\* Om, PWTC  
 No.45 Jalan Tun Ismail  
 50480 Kuala Lumpur.

### Kategori dan Jenis produk bahan binaan :

<b>Glasses</b>	Clear Float Glass Lined Float Glass
<b>Sanitary Wares</b>	Wash Hand Basin Bidet

Tarikh Mula Perakuan : 1 Januari 2014  
 Tarikh Tamat Tempoh Perakuan : 31 Disember 2014

Perakuan ini hendaklah dipertahani seawal-lewanya 30 hari sebelum tarikh tamat tempoh perakuan

*Nota:* Perakuan dikeluarkan setelah Lembaga menjalankan pemeriksaan dan pengesahan ke atas kilang dan produk-produk yang terkandung di dalam Penujutan Produk (Product Certification) yang dikeluarkan oleh Badan Penujutan yang diiktiraf.

Tr. MUKHTAR CHE ALI  
 b.p. Ketua Eksekutif

Bertarikh :



**Perakuan Pematuhan Standard (PPS) CIDB  
 bagi produk & bahan binaan tempatan.**



FULL TYPE TEST REPORT

REPORT NO : 2015CB1923

PAGE : 1 OF 11

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf of Page 1 for Conditions Relating to the Use of Test Report.

Applicant:



Manufacturer:

CHANGSHA XIANGJIA METAL MATERIAL TRADING CO. LTD.  
Room 1805-1809, Mingcheng International Building,  
No 46, Renmin East Road,  
Changsha, Hunan, China.

Product:

Scaffolding Component

Reference Standard/  
Method of test

- a) MS 1462 -1 : 2012  
Metal Scaffolding – Part 1 : Prefabricated scaffold - Specification for Steel Frame Scaffoldings (First Revision).
- b) MS 1462-2-1 : 2010  
Metal Scaffolding – Part 2 : Tubular (Tube and Coupler) Scaffolds – Section 1: Specification for Steel Tubes.
- c) MS 1462-2-3 : 2011  
Metal Scaffolding – Part 2 : Tubular (Tube and Coupler) Scaffolds – Section 3 : Specification for Steel and Aluminium Couplers, Fitting and Accessories.
- d) AS 1576 2-2009  
Scaffolding – Part 2 : Couplers and Accessories.

Description of sample

Samples of Scaffolding Components consisting of components below have been imported from China and subsequently been examined and tested. The application was through Appointment of 3<sup>rd</sup> Party Inspection Body / Foreign / Local Accredited Laboratory from CIDB (Ref no: 610).

1) Metal Plank	5) Putlog Clamp
2) Plate	6) Sleeve Coupler
3) Hot Dipped Galvanized Scaffolding Tube	7) Double Coupler
4) Swivel Coupler	8) Beam Clamp

Date Received of  
Complete Application

13<sup>th</sup> October 2015

Job No./Ref. No

J20151432498/SQAS/CCST/T.REC/CSL/16

Description of test  
results

The test results for the submitted test samples described in this test report complied with the requirements of the above reference standard except for Chemical Composition of Hot Dipped Galvanized Scaffolding Tube and Performance Requirement for Beam Clamp.

Issued date

30 NOV 2015

Approved Signatory

(MOHD HAFIZ MOHD NASIR)  
Testing Executive



*Nor Siha Raja Abd. Hanan*  
NOR RAJA NOR SIHA RAJA ABD. HANAN  
Head  
Civil & Construction Section  
Testing Services Department

# FULL TYPE TEST REPORT

The test results for the submitted test samples described in this test report complied with the requirements of the above reference standard **except for Chemical Composition of Hot Dipped Galvanize Scaffolding Tube and Performance Requirement for Beam Clamp.**

## FOR ANY ENQUIRY

**Address**

Tingkat 35, No 45, Menara Dato' Onn, Pusat Dagangan  
Dunia Putra (PWTC)  
Jalan Tun Ismail, 50480 Kuala Lumpur

**Tel. No.**

03- 4047 7435 (En. Rosmen Ag Hassan) / [rosmen@cidb.gov.my](mailto:rosmen@cidb.gov.my)

03-4047 7447 (Pn. Nor Hamiza Zahar) / [hamiza@cidb.gov.my](mailto:hamiza@cidb.gov.my)

03-4047 7438 (Cik Rashimah Adenan) / [rashimah@cidb.gov.my](mailto:rashimah@cidb.gov.my)

03-4047 7448 (Pn Rohana Abd Manan) / [rohana@cidb.gov.my](mailto:rohana@cidb.gov.my)

03-4047 7443 (En.Muhamad Norsani Katab) / [norsani@cidb.gov.my](mailto:norsani@cidb.gov.my)

**Fax No.**

03-40477420

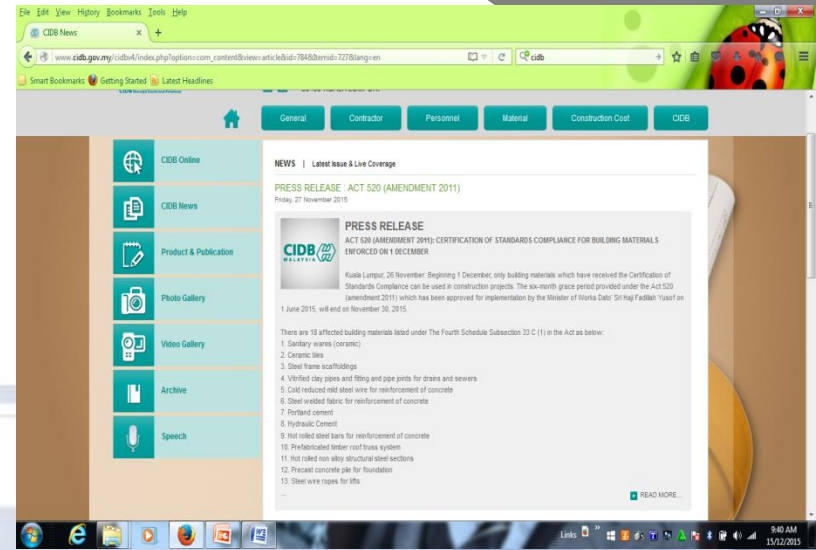
**E-mail**

[qpass@cidb.gov.my](mailto:qpass@cidb.gov.my)

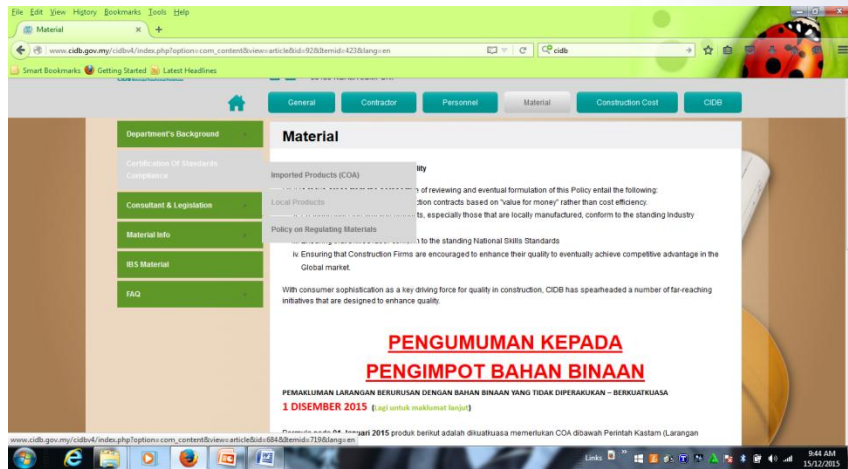
# For more info : www.cidb.gov.my



Go to 'Public'



Go to 'Material'



Go to 'Certification of Standard Compliance'



Go to 'Local Products'

# SUMMARY

- ❖ **What?...scaffolds comply to mandatory standard MS 1462:2012**
- ❖ **Why?....to meet the regulatory requirement under CIDB Act**
- ❖ **When?... 1 December 2015**
- ❖ **Where?...onsite and offsite**
- ❖ **Who?...key stakeholders in the construction value chain**



# SUMMARY

- ❖ **How?...the manufacturers need to apply PPS from CIDB. Getting their products certified by CABs**
- ❖ **Does it affect imported scaffolds?....Yes**

# THANK YOU

