



10 September 2021
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P.U. (A) 358

WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT
GAZETTE*

PERINTAH LEMBAGA PEMBANGUNAN INDUSTRI
PEMBINAAN MALAYSIA
(PINDAAN JADUAL KEEMPAT) 2021

*LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN
MALAYSIA (AMENDMENT OF FOURTH SCHEDULE)
ORDER 2021*

DISIARKAN OLEH/
PUBLISHED BY
JABATAN PEGUAM NEGARA/
ATTORNEY GENERAL'S CHAMBERS

LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN MALAYSIA ACT 1994

LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN MALAYSIA
(AMENDMENT OF FOURTH SCHEDULE) ORDER 2021

IN exercise of the powers conferred by subsection 33C(2) of the Lembaga Pembangunan Industri Pembinaan Malaysia Act 1994 [Act 520], the Minister makes the following order:

Citation and commencement

1. (1) This order may be cited as the **Lembaga Pembangunan Industri Pembinaan Malaysia (Amendment of Fourth Schedule) Order 2021**.

(2) This Order comes into operation on 13 September 2021.

Substitution of Fourth Schedule

2. The Lembaga Pembangunan Industri Pembinaan Malaysia Act 1994 [Act 520] is amended by substituting for the Fourth Schedule the following Schedule:

"FOURTH SCHEDULE

[Subsection 33C (1)]

STANDARDS FOR CERTIFICATION OF CONSTRUCTION MATERIAL

<i>No.</i>	<i>Type of construction materials</i>	<i>*Approved standard by the Lembaga</i>
1.	Aluminium	
	(a) Aluminium plates, sheets and strips	MS 2040
	(b) Aluminium foils of a thickness not exceeding 0.2mm, not backed: roll nut not further	MS 1848
	(c) Aluminium structure	MS 832
		MS 1017

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|------|---|--------------|
| (d) | Aluminium composite panel for exterior and interior wall | MS 2571 |
| (e) | Aluminium and aluminium alloy – coil coated sheet and strip for general applications | MS EN 1396 |
| (f) | Aluminium and aluminium alloy for extruded shape | MS 2289 |
| | | |
| 2. | Insulation material | |
| | | |
| (a) | Slag wool, rock wool and similar mineral wool (including their intermixtures) in bulk, sheets or rolls | MS 1020 |
| (b) | Thin sheets (voiles), web, mats, mattress, boards and similar non-woven products, of fibre glass | MS 1020 |
| (c) | Glass fibre (including wools) | MS 1020 |
| | | |
| 3. | Ceramic tiles | MS ISO 13006 |
| | | |
| 4. | Glass | |
| | | |
| (a) | Float glass | |
| (i) | Clear float glass, non-wired or non-coloured throughout the mass, other than square or rectangular shape (including those with one, two, three or four corners cut) | MS 1135 |
| (ii) | Tinted float glass, coloured throughout the mass (body tinted), opacified, flashed or merely surface ground, other than optical glass | MS 1135 |
| (b) | Coated glass | MS 2397 |
| (c) | Safety glass | MS 1498 |
| (d) | Wired glass | MS 2676 |
| | | |
| 5. | Fibre cement flat sheet not containing asbestos | MS 1296 |

6.	Pre-Cast concrete	
	(a) Piles for foundation	MS 1314-3
		MS 1314-4
		MS 1314-6

7.	Ready mix concrete	MS EN 206
		MS 523-2
		MS 523-3
		CIS 21

8. Cement

(a) Portland Cement

- | | | |
|------|---|-------------|
| (i) | White Portland Cement of all kinds | MS 888 |
| (ii) | Other than white Portland Cement of all kinds | MS EN 197-1 |

(b) Aluminous cement

BS EN 14647

(c) Other hydraulic cement

MS EN 197-1

(d) Masonry cement

MS EN 413-1

9. Industrialised Building System (IBS) CIS 24

(a) Pre-Cast Concrete System

(i) Special Roof Elements

(ii) Staircase

(iii) Wall Elements

(iv) Slab System

(A) Half Slab

(B) Plank

(C) Pre-Stressed Slab

(D) Hollow Core Slab

(E) Ribbed Floor Elements

(v) Linear Structural Elements

(A) Beam

(B) Column

(b) Blockwork System

(i) Concrete Masonry Units (CMU)

(ii) Cellular Lightweight Concrete (CLC)

(iii) Autoclaved Aerated Concrete (AAC)

(c) Reusable Formwork

(d) Steel Framing System

(e) Timber Framing System

(f) Innovative System

10. Ceramic pipes and pipe fittings	MS 1061-1
	MS 1061-2
	MS 1061-3
11. Sanitary Wares	
(a) Ceramic wash basins	MS 2578
(b) Ceramic water closet pans	MS 1522
(c) Ceramic flushing cistern	MS 795-1

- | | |
|---|----------|
| <i>(d)</i> Ceramic water closet pans with ceramic flushing cisterns (one-piece) | MS 147 |
| | MS 1522 |
| | MS 795-1 |
| <i>(e)</i> Ceramic urinals (floor or wall mounted) | MS 1799 |
| <i>(f)</i> Ceramic bidets and ceramic pedestal | MS 147 |
| <i>(g)</i> Ceramic flushing cisterns not equipped with inlet valve and flushing device (close coupled, medium level, high level or concealed) | MS 147 |
| <i>(h)</i> Plastic flushing cisterns | |
| <i>(i)</i> Equipped with inlet valve and flushing device (close coupled, medium level, high level or concealed) | MS 795-1 |
| <i>(ii)</i> Inlet valve | MS 795-2 |
| <i>(iii)</i> Flushing device | MS 795-3 |

12. Iron and steel products

- | | |
|---|---------------|
| <i>(a)</i> Hot rolled carbon steel sheets or plates | |
| <i>(i)</i> Hot rolled steel sheets or plates | MS EN 10025-2 |
| | API 2H |
| | API 2W |
| | API 2Y |
| | API 2MT1 |
| | ASTM A131 |
| | ASTM A709 |
| | ASTM A36 |
| | ASTM A633 |

MS 1705

MS 1768

MS 2658

EN 10225

(ii) Hot rolled chequered sheets or plates

ASTM A 786

MS EN 10025-2

(b) Coated steel coils or sheets

(i) Coils or sheets electrolytically plated or coated with zinc MS 2543

(ii) Zinc-coated carbon steel profiles hot dipped MS 2500 (Profile)
Otherwise, plated or coated with zincCoils or sheets zinc-coated carbon steel hot dipped MS 2660
Otherwise, plated or coated with zinc

(iii) Profile aluminium-zinc alloy coated continuous hot-dip MS 2500 (Profile)

Plated or coated with aluminium-zinc alloy BS EN 508-2

BS EN 508-3

Coils or sheets aluminium-zinc alloy coated JIS G 3317
continuous hot-dip

Plated or coated with aluminium-zinc alloy JIS G 3323

MS 1196

AS 1397

MS 2657

(iv) Painted, varnished or coated with plastic MS 2383

JIS G 3318

(v) Plated or coated roofing tile MS 2500 (steps)

(c) Pipes and tubes

(i) Seamless carbon steel pipes

API 5L

MS ISO 3183

API 5CT

(ii) Welded carbon steel pipes

MS 863

Circular cross-section, non-circular cross-section,
square or rectangular cross-section

JIS G 3444

Others of non-circular cross-section

MS 1462-2-1

SPAN TS 21827-1

SPAN TS 21827-2

API 5L

API 5CT

MS ISO 3183

MS 2381

EN 10210-1

EN 10219-1

MS EN 10219-1

MS EN 10219-2

MS EN 10210-1

MS EN 10210-2

MS 61386-21

(iii) Reinforcement coupler - mechanical splice

ISO 15835-1

BS 8597

(d) Structural and other cast iron and articles

(i) Bridges and bridge sections

MS EN 10025-2

(ii)	Towers and lattice	MS EN 10025-2
(iii)	Scaffolding	MS 1462-1
		MS 1462-2-1
		MS 1462-2-2
		MS 1462-2-3
		MS 1462-3-1
		MS 1462-3-2
		MS 1462-4-1
		MS 1462-4-2
		CIS 22
	(A) Coupler, fitting and accessories for scaffold	BS 1139-2.2
		AS\NZS 1576.2
(iv)	Corrugated sheet pile	
	(A) Cold form	MS 2025-1
		MS 2025-2
	(B) Hot form	MS 2674-1
		MS 2674-2
(v)	Bearing piles – angle, shape and section	MS EN 10025-2
(vi)	Guardrails	AASHTO M-180
		BS EN ISO 1461
(vii)	Fabricated structure	MS EN 10025-2
(viii)	Railway track	JIS E 1101
		BS EN 13674
(ix)	Light gauge steel section	MS EN 10025-2
		JIS G 3350

(x)	Equal angles, shape and section U, I, L, T or H	MS EN 10025-2
(xi)	Falsework	MS EN 1065
		BS EN 16031
		CIS 23
<i>(e)</i>	Wire rod, bars and wires	
(i)	Coil form	
	(A) Hot rolled steel reinforcement bar	MS 146
	(B) Steel wire rod	MS ISO 16120-2
		MS ISO 16120-4
	(C) Round bar in coil	MS 144
	(D) Wire, strands and ropes	MS 1138-2
		MS 1138-3
		MS 1138-4
		MS ISO 4344
		MS ISO 2408
(ii)	Wire mesh for construction	MS 145
(iii)	Straight form	
	(A) Carbon steel for structural use	MS 144
	(B) Carbon steel for structural machine use (flat bar)	MS EN 10025-2
	(C) Hot rolled steel reinforcement bar	MS 146
	(D) Round bar	MS 144
<i>(f)</i>	Stainless steel products	
(i)	Seamless, welded stainless steel pipes for construction purpose	MS 1841
		ASTM A 554

(ii)	Seamless, welded stainless steel pipes for the conveyance of water	MS 1988
		BS EN 10312
		ASTM A 312
		JIS G 3448
(iii)	Light gauge stainless steel tube for ordinary piping	JIS G 3448
(iv)	Stainless steel-angled, shape and cross-section	MS 2240-2
(v)	Casing and tubing of a kind used in drilling for oil and gas	API 5CT
<i>(g)</i>	Alloy steel product	
(i)	Hot rolled steel alloy steel plate and coil	MS EN 10025-6
(ii)	Equal angles, shape and section U, I, L,T or H	MS EN 10025-5
		MS EN 10025-6
(iii)	Hot rolled wire rod for pre-stressed steel	MS 2682
<i>(h)</i>	Cast iron product	
(i)	Non-malleable cast iron – manhole covers	BS EN 124
(ii)	Tube, pipe and hollow profile	MS 1919
		BS EN 598
		ISO 6594
13.	Radiant barrier (thermal insulation foil)	MS 2095

*Note: The latest edition of the standard specifications published by the relevant accreditation body shall apply.”.

Made 7 September 2021
[KKR.PUU.110-1/5/3; PN(PU2)546/V]

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Senior Minister of Works