

CONSTRUCTION PRODUCT APPROVAL (CPA) CPA CERTIFICATION REPORT

Construction Research Institute of Malaysia
 Makmal Kerja Raya Malaysia
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1. CPA Factory Assessment ☒
2. Renewal Factory Assessment ☐

PART 1: GENERAL INFORMATION

PARTICULARS OF APPLICANT				
Name & Address of Applicant	Le Nam Megasheet (M) Sdn Bhd			
Name & Address of Manufacturer	Le Nam Megasheet (M) Sdn Bhd No. 768, Lorong Perindustrian Bukit Minyak 9, Kawasan Perindustrian Bukit Minyak, Simpang Ampat, 14100 Seberang Perai Tengah, Pulau Pinang			
Name & Address of Factory / Plant	Le Nam Megasheet (M) Sdn Bhd No. 768, Lorong Perindustrian Bukit Minyak 9, Kawasan Perindustrian Bukit Minyak, Simpang Ampat, 14100 Seberang Perai Tengah, Pulau Pinang			
Application No.	CREAM/CPA-20/2/232			
Report No				
Date of issue	18 September 2026			
Authorized Representative	Name	Seah Choon Aik	Designation	QA Manager
	Phone No (Office)	012-4567133	Email	qa@lenam.com.my
IBS Category	Reusable Formwork System / Timber Formwork System / Metal Framing System / Innovative System			
Product	LEDEX Light Weight Truss System			

Prepared by :		Reviewed by :	
			
Name :	Muhammad Iqhwani Bin Ismail	Name :	Daniel Iskandar Sulaiman Bin Rasidi
Position:	Certification Executive	Position:	Certification Officer
Date :	18/9/2026	Date :	18/9/2026

PART 2: PRODUCT EVALUATION

2.1 PRODUCT DESCRIPTION

- a) Product Name : LEDEX Light Weight Truss System
- b) Product Category : Metal Framing System
- c) Brands : LEDEX
- d) Model/ Rating/ Coding/ Type :
- e) Material List :

No	Material	Supplier	Standard	Grade
1.	Steel Metal Coil	Hoa Sen Group	MS 2660 : 2020 (HOA SEN)	AZ 70, 100
		NS BlueScope Malaysia Sdn Bhd (BSM)	MS 2383 : 2020 (BSM)	

- f) Component List :

No	Component	Range of Length	Range of Thickness	Range of Height
1.	LEDEX BATTEN 121	63+-3 MM	0.40 or 0.42 or 0.45MM	32+-1MM
2.	LEDEX BATTEN 172	84.66+-3MM		50+-1MM
3.	LEDEX BATTEN 110 (NEW)	TBD		TBD
4	LEDEX LIGHT CHANNEL 135	75+-3MM	0.70-1.0MM	29+-0.5MM
5	LEDEX LIGHT CHANNEL 151	75+-3MM	0.70-1.0MM	38+-0.3MM
6	LEDEX LIGHT CHANNEL 110	55+-3MM	0.70MM	25+-0.5MM

- g) Drawing/ Sketch : As per attached

2.2 TYPE TEST REPORT

-Refer to mill certificate

PART 3: SUMMARY OF DOCUMENT REVIEW ASSESSMENT

Document review has been assessed as follows:

Remarks	
Compliance (C) – means the requirement in checklist is addressed.	
Rating	
Level	Non-compliance/ Compliance
1	Major NCR – are non-compliance to the specified requirement or documented procedures are non-existence or procedure is not implemented.
2	Minor NCR – are non-compliance due to inadequacy to address the specified requirement fully or non-existence of records or record not adequately maintained.
3	Comply - Satisfactory in all aspects of the specified requirements. Procedures are adequate and adequately documented. Records are available.

SUMMARY
No of Major NCR: - No of Minor NCR: - No of OFI: - All required documents has been submitted. Abide all requirements in the CPA Checklist.

PART 4: SUMMARY OF FACTORY ASSESSMENT REPORT

Factory / Manufacturing plant has been assessed as follows:

Remarks	
Comply - Satisfactory in all aspects of the specified requirements. Procedures are adequate and adequately documented. Records are available.	
Rating	
Level	Non-compliance/ Compliance
1	Major NCR – are non-compliance to the specified requirement or documented procedures are non-existence or procedure is not implemented.
2	Minor NCR – are non-compliance due to inadequacy to address the specified requirement fully or non-existence of records or record not adequately maintained.
3	Comply - Satisfactory in all aspects of the specified requirements. Procedures are adequate and adequately documented. Records are available.

SUMMARY
No of Major NCR: - No of Minor NCR: - No of OFI: - Based on the surveillance factory assessment conducted by CREAM's assessor on 20 August 2026, Le Nam Megasheet (M) Sdn Bhd has shown their ability to produce LEDEX LIGHT WEIGHT TRUSS SYSTEM according to the design drawing and calculation. The raw materials used have been certified by PPS. The product is following the procedure and meet the standard requirement by CPA. The applicant is advised to continue the marking standard according to CIS 24:2023. During the factory assessment, Le Nam Megasheet (M) Sdn Bhd has maintained the consistency of the production according to the previous initial certification. Abide all requirements in the CPA Checklist.

APPENDIX (Photos of Factory)

Description	Raw material was supplied by Bluescope which is certified by CIDB. The inspection and test plan (ITP) covers the physical checking on the raw materials requirement including the quality, thickness, and dimension.												
Photo 1													
Photo 2	 MS SIRIM CERTIFIED TO CERTIFICATION NO. MS 1196:2020 PC001362 www.hoasengroup.vn HOT-DIP ALUMINIUM/ZINC ALLOY-COATED STEEL SHEET AND STRIP <table><tr><td>COIL NO. 01140226060222101</td><td>LENGTH (m) 1290</td><td>ORDER No. 320012003591</td></tr><tr><td>SIZE (mm) 0.45 BMT x 1219</td><td>STANDARD No. MS 1196:2020</td><td>LOT NUMBER</td></tr><tr><td>NET WEIGHT (kg) 5750</td><td>GRADE DESIGNATION G550</td><td>Date Of Production 30-06-2026</td></tr><tr><td>GROSS WEIGHT (kg) 5820</td><td>COATING DESIGNATION AZ100R1550</td><td>Inspector HIEN</td></tr></table> HOA SEN PHU MY STEEL SHEET PLANT Sheet No. 18, Phu My Industrial Park, Phu My Ward, Ho Chi Minh City, Vietnam Tel: (+84) 254 3924 790 Fax: (+84) 254 3924 759 Website: www.hoasengroup.vn MADE IN VIETNAM	COIL NO. 01140226060222101	LENGTH (m) 1290	ORDER No. 320012003591	SIZE (mm) 0.45 BMT x 1219	STANDARD No. MS 1196:2020	LOT NUMBER	NET WEIGHT (kg) 5750	GRADE DESIGNATION G550	Date Of Production 30-06-2026	GROSS WEIGHT (kg) 5820	COATING DESIGNATION AZ100R1550	Inspector HIEN
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Description	Raw material was inserted into the uncoiler and proceeded with roll forming. During the profiling process, the marking will be printed on every component in ensuring the marking standard compliance is following the CIS 24:2023.
Photo 3	
Photo 4	