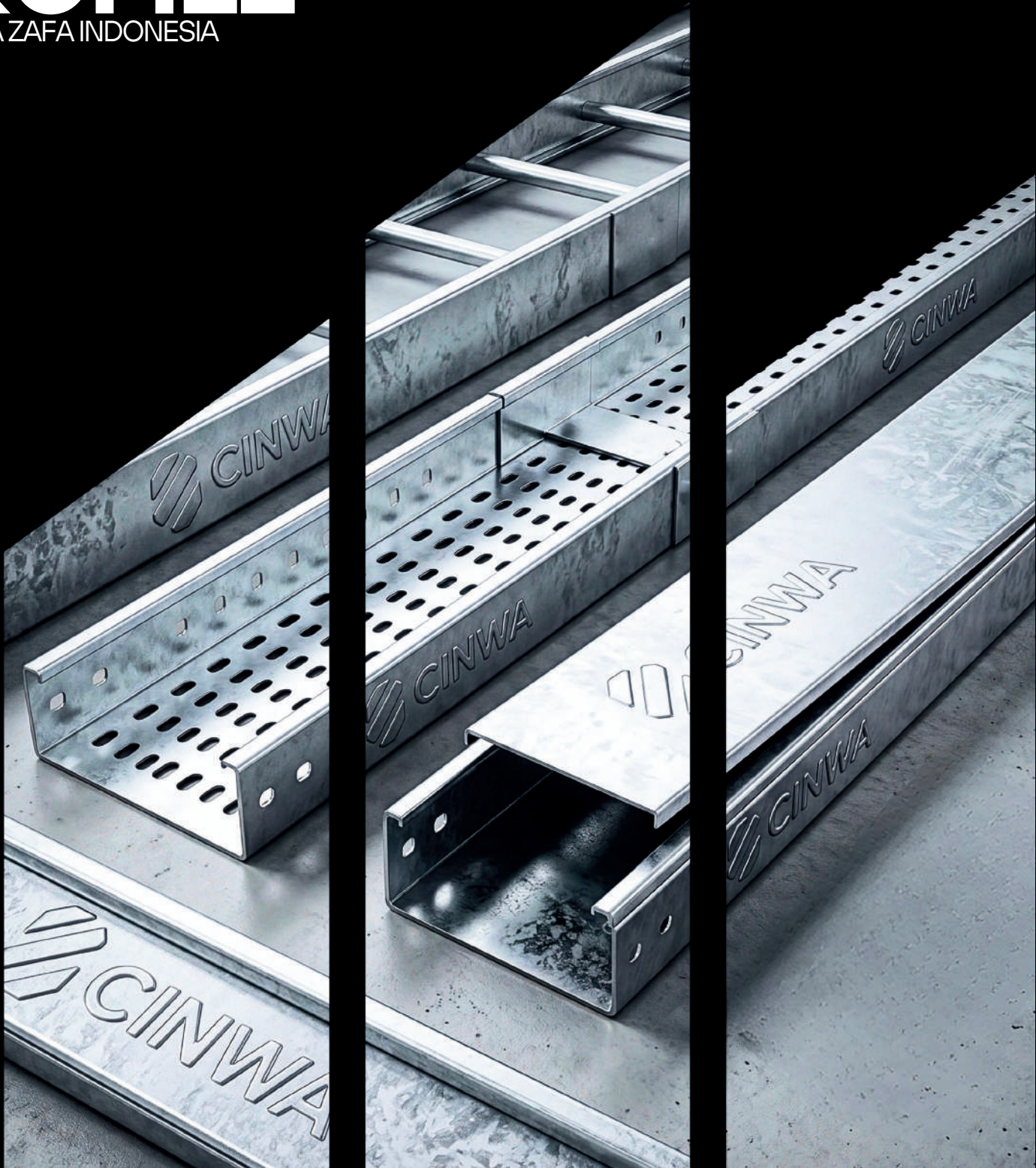


COMPANY PROFILE

PT CINWA ZAFA INDONESIA





Engineering Reliable Cable Support Solutions.

"Welcome to PT Cinwa Zafa Indonesia.

As a dedicated manufacturer of Cable Support Systems, we are committed to delivering products that combine quality, precision, and reliability. Through continuous improvement, advanced manufacturing processes, and customer-focused solutions, we support projects across various industries with confidence and professionalism."



Table of Contents

About PT Cinwa Zafa Indonesia

The Beginning of Our Journey	1
Awal Perjalanan Kami	2
Company Overview	3
Our Mission & Vission	4
why choose us ?	5

Products & Services

Free Delivery Jabodetabek	6
Cable Tray	7
Cable Ladder	8
Cable Duct	9
Cable Wiremesh	10
Accecories	11
Finishing Options	12

Certification

ISO 9001:2015	13
ISO 14001:2015	14
Load Test Nema VE-1 / CSA C22.2	15

Our Experience

Our Experience	20
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The Beginning of Our Journey

Founding History:
The journey of PT Cinwa Zafa Indonesia is inseparable from the extensive experience and dedication of its founder, Mr. Adi Junadi, in the cable support system industry.

Mr. Adi Junadi completed his education in Palembang in 1990, after which he moved to Jakarta to launch his career with a company specializing in cable support systems, steel conduits, accessories, and grounding systems. Through this experience, he gained strong technical expertise and deep insight into the needs of the electrical industry. Leveraging the experience he acquired between 1991 and 2005, he subsequently founded CV Hendry Cipta Karya, marking the first step in establishing a business focused on cable support and conduit systems. The company has since grown, supported by production facilities in Salembaran Jaya, Tangerang City, and a team of experienced professionals.

Growth

Over time, the trust placed in the company by various electrical contractors drove product development—particularly in the supply of cable support system materials such as cable trays, cable ladders, and their accessories, including heavy-duty, stainless steel, and aluminum products designed to meet the requirements of high-specification projects. In tandem with business growth and increasing specialization, business operations were separated to enhance service quality and professionalism. It is against this backdrop that PT Cinwa Zafa Indonesia emerged as an entity specializing in -



Cable Support Systems—specifically cable trays and cable ladders.

Leveraging its established experience, expertise, dedication, and proven project track record, PT Cinwa Zafa Indonesia is committed to being a trusted partner in delivering high-quality, precision-engineered Cable Support System solutions tailored to industry needs.



Awal Perjalanan Kami

Sejarah Pendirian :

Perjalanan PT Cinwa Zafa Indonesia tidak terlepas dari pengalaman panjang dan dedikasi pendirinya. Bapak Adi Junadi, di industri Cable Support System.

Bapak Adi Junadi menyelesaikan pendidikan di Palembang Pada tahun 1990, setelah , beliau merantau ke Jakarta dan memulai karier di perusahaan yang bergerak di bidang Cable Support System, steel conduit, aksesoris, serta grounding system.

Dari pengalaman tersebut, beliau memperoleh pemahaman teknis yang kuat serta wawasan mendalam terhadap kebutuhan industri elektrikal. Berbekal pengalaman yang diperoleh selama periode 1991 hingga 2005, beliau kemudian mendirikan CV Hendry Cipta Karya sebagai langkah awal dalam membangun usaha di bidang Cable Support System dan conduit system. Perusahaan ini berkembang dengan dukungan fasilitas produksi di Salembaran Jaya, Kota Tangerang, serta tenaga kerja profesional yang berpengalaman.

Pertumbuhan

Seiring berjalannya waktu, kepercayaan dari berbagai kontraktor elektrikal mendorong pengembangan produk, khususnya dalam penyediaan material Cable Support System seperti cable tray, cable ladder, serta aksesoris pendukungnya, termasuk pengembangan produk heavy duty, stainless steel, dan aluminium untuk memenuhi kebutuhan proyek dengan spesifikasi tinggi. Sejalan dengan pertumbuhan usaha dan peningkatan spesialisasi, dilakukan pemisahan fokus bisnis guna meningkatkan kualitas dan profesionalitas layanan.



Dari sinilah PT Cinwa Zafa Indonesia hadir sebagai entitas yang lebih fokus dan spesialis dalam bidang Cable Support System, khususnya pada produk cable tray dan cable ladder.

Dengan membawa pengalaman, keahlian, dedikasi serta rekam jejak proyek yang telah terbentuk sebelumnya,

PT Cinwa Zafa Indonesia berkomitmen untuk menjadi mitra terpercaya dalam menyediakan solusi Cable Support System yang berkualitas, presisi, dan sesuai dengan kebutuhan industri.



Company Overview

ENGLISH

PT CINWA ZAFa INDONESIA is an expansion of CV Hendry Cipta Karya, a company with extensive experience in delivering various Cable Support System projects. As the business evolved, its operations were strategically divided, with CV Hendry Cipta Karya focusing on conduit products, while :

PT CINWA ZAFa INDONESIA specializes in the manufacturing and supply of Cable Trays, Cable Ladders, Ducts/Trunking, and related Accessories.

As a result, the project experience, technical expertise, and operational capabilities developed over the years continue to serve as the foundation of PT CINWA ZAFa INDONESIA's operations. Supported by an experienced workforce, we are committed to delivering consistent product quality, on-time delivery, and excellent customer service.

With a strong focus on Cable Trays, Cable Ladders, Ducts/Trunking, and related Accessories, PT CINWA ZAFa INDONESIA continues to strengthen its position as a specialized, professional, and trusted Cable Support System manufacturer in Indonesia.

BAHASA INDONESIA

PT CINWA ZAFa INDONESIA merupakan pengembangan dari CV Hendry Cipta Karya yang telah berpengalaman dalam berbagai proyek Cable Support System. Seiring dengan perkembangan usaha, dilakukan pemisahan fokus bisnis, di mana CV Hendry Cipta Karya berfokus pada produk conduit, sedangkan :

PT CINWA ZAFa INDONESIA secara khusus menangani Cable Tray, Cable Ladder, dan Duct/Trunking, serta Aksesoris lainnya.

Dengan demikian, pengalaman proyek, pemahaman teknis, serta kemampuan operasional yang telah terbentuk sebelumnya tetap menjadi bagian yang berkelanjutan dalam operasional PT Cinwa Zafa Indonesia saat ini. Didukung oleh tenaga kerja berpengalaman, kami berkomitmen memberikan kualitas yang konsisten, pengiriman tepat waktu, dan pelayanan terbaik bagi setiap pelanggan.

Dengan fokus pada Cable Tray, Cable Ladder, dan Duct/Trunking, serta Aksesoris lainnya. PT CINWA ZAFa INDONESIA terus memperkuat posisinya sebagai perusahaan yang spesialis, profesional, dan terpercaya dalam industri Cable Support System di Indonesia.





Our Mission

"Customer satisfaction as a priority."

Our Vission

01

Quality and Consistency

Providing high-quality and consistent cable support system products (cable trays, cable ladders, ducts/trunking, and accessories).

02

Accuracy

Ensure timely production and delivery processes in accordance with project requirements.

03

Finishing

Providing a range of materials and finishes in accordance with project specifications (Hot-Dip Galvanized, Electroplating, Powder Coating, Aluminum, and Stainless Steel).

04

Best Value Pricing

Providing competitive prices and professional service to achieve customer satisfaction.



why choose us ?



Specialist in Cable Support Systems

PT Cinwa Zafa Indonesia focuses on cable trays, cable ladders, ducts/trunking, and their accessories, enabling the delivery of solutions that are accurate, precise, and tailored to project requirements.



Backed by Proven Experience

Supported by extensive industry experience, the company possesses a strong understanding of technical requirements and the challenges of fieldwork.



Guaranteed Product Quality

Each product is manufactured through a controlled process to ensure consistent, robust, and reliable quality for a wide range of project requirements.



Comprehensive Range of Materials & Finishes

A variety of finishes are available—such as hot-dip galvanizing, electroplating, powder coating, aluminum, and stainless steel—that can be tailored to specific project requirements and conditions.



Fast and Punctual Delivery

We are committed to ensuring that every order is delivered on schedule, thereby supporting the smooth execution of the project.



Competitive Pricing

Offering competitive prices while maintaining quality, thereby delivering the best value to customers.



Customized Project Solutions

We are ready to tailor products to project specifications and requirements, while delivering efficient and effective solutions.



A Professional and Trusted Partner

Committed to quality and service, PT Cinwa Zafa Indonesia stands as a reliable partner in the supply of cable support systems.



Free Delivery Available Across JABODETABEK Area

We provide free delivery within the JABODETABEK area to support a more efficient and cost-effective procurement process. Products are delivered safely and on time to help ensure smooth project execution.



**In-House
Delivery Fleet**



**JABODETABEK
Coverage**



**On-Time
Delivery**

Cable Tray Support Systems



Perforated Cable Tray is designed to provide reliable cable protection with enhanced ventilation. The perforated design promotes heat dissipation, reduces heat accumulation, and allows easy inspection and maintenance. This results in improved cable system reliability and extended service life.



Type C



Type U



Cable Ladder

Support Systems



Cable Ladder is designed for heavy-duty cable support in demanding environments such as industrial facilities, basements, and oil & gas installations. Constructed from durable materials, it offers excellent strength, reliable load-bearing capacity, and long-lasting performance.



Type U



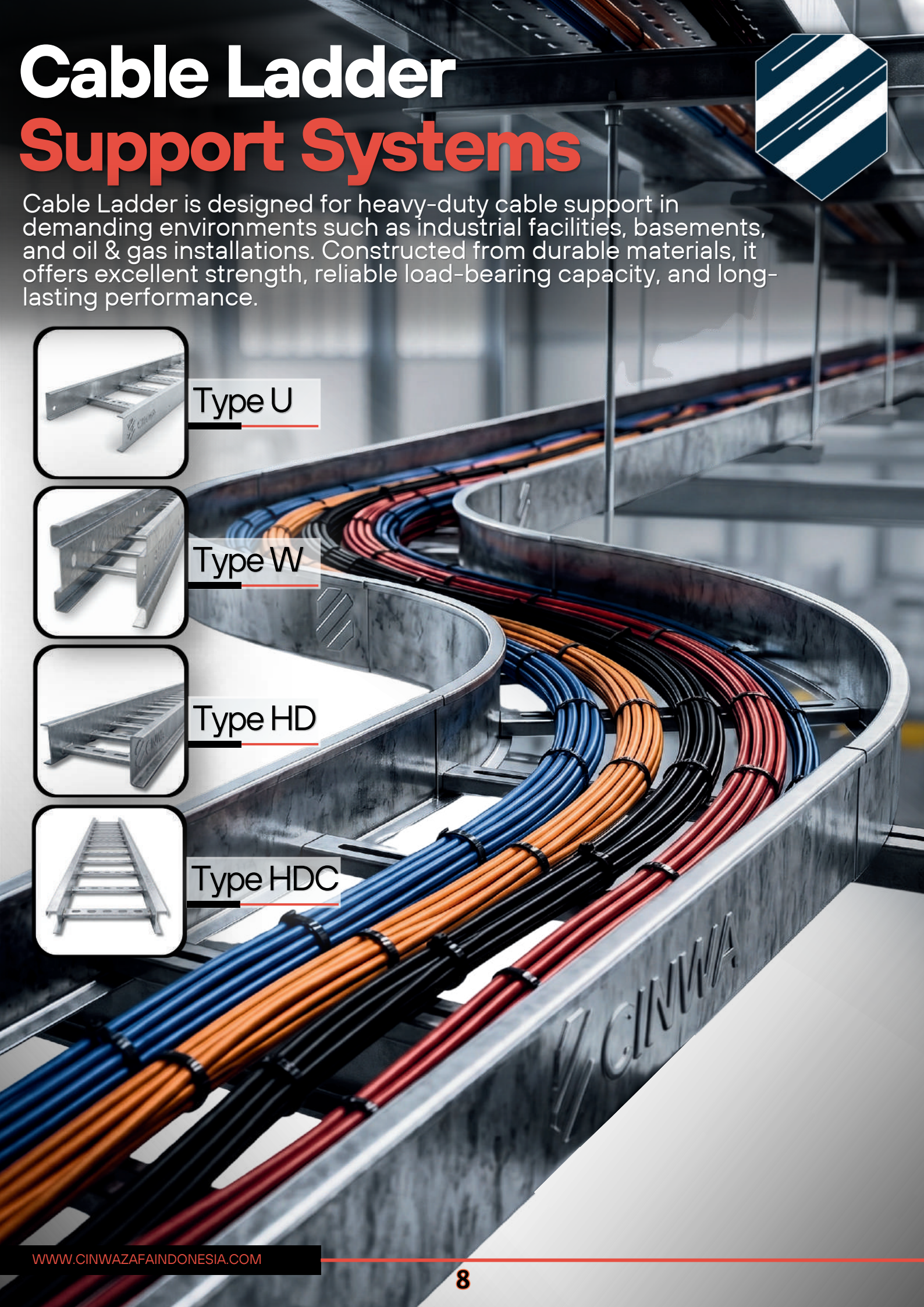
Type W



Type HD



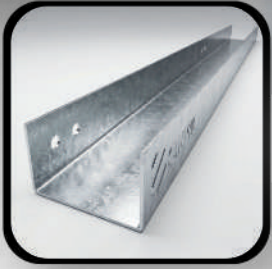
Type HDC



Cable Duct Support Systems



Cable Duct features a fully enclosed design that provides enhanced protection for cables in underfloor and concrete-embedded installations. Its solid construction helps protect cables from physical damage, dust, moisture, and corrosion, ensuring long-lasting reliability and performance.



Type U



Cable Wiremesh Support Systems



Cable Wire Mesh (Cable Cage) offers an economical and flexible cable management solution. Its open structure allows easy inspection, maintenance, and cable routing adjustments while promoting excellent airflow. The design reduces installation time and minimizes the need for prefabrication, making it ideal for dynamic cable installations.



Accessories

Support Systems

Accessories are supporting components designed to connect, support, protect, and adapt cable routing systems. The proper use of accessories ensures that cable tray installations are secure, robust, and flexible, while maintaining optimal cable management performance and long-term system reliability.



Finishing Options



Available finishing options include Hot Dip Galvanized (HDG), Electro Galvanized (EG), and Powder Coating, each designed to enhance corrosion resistance and extend the service life of the product.

Note: Aluminium and Stainless Steel products are supplied in their natural material form (raw material) without additional surface finishing, as their corrosion resistance is inherently provided by the material itself.



Hot Dip Galvanized:
Durable Corrosion
Protection

Electroplating:
Zinc or nickel plating

Powder Coating:
Resilient matte finish

Aluminium:
Brush clear anodized
finish

Stainless Steel:
Polished satin
stainless steel

CERTIFICATION

ISO 9001:2015 CERTIFIED COMPANY



CERTIFICATE



PT CINWA ZAFa INDONESIA

ADDRESS: JALAN PUTRI 3 NOMOR 8., KEL. SALEMBARAN JAYA, KEC. KOSAMBI, KAB. TANGERANG, PROVINSI BANTEN, 15214, INDONESIA

QACS certifies that the quality management system of the above organization has been audited and found to be in accordance with the requirements of standard detailed below

ISO 9001:2015

For The Following Scope

WHOLESALE TRADE OF METAL GOODS FOR CONSTRUCTION MATERIALS

Certificate No. : QAIS-Q-INDO-PC-04.26.001

IAF Code: 29

*This certificate is issued in accordance with the QACS International Pvt. Ltd. audit and Certification procedures and it remains valid subject to annual surveillance audit.

Certificate Issue Date : 03.06.2026
Date of Initial Registration : 03.06.2026
Certificate Validity : 03 Years

1st Surveillance Date : 02.06.2027
2nd Surveillance Date : 02.06.2028
*Certificate Expiry Date : 02.06.2029

Note: Certificate shall be valid after surveillance, only if confirmed on letter by QACS is present.

QACS International Private Limited
Indonesian Branch
Email: info@qacsworld.com
To check the certificate validity please refer
Web:
www.qacsworld.com
& www.afcertsearch.org

QACS Accredited By:
International Accreditation Service (IAS)
3060 Saturn Street, Suite 100 Brea,
California 92621-1732, USA
United States Of America (USA)
Web: www.iasonline.org

Payal
Authorized Signatory



*To check the current validity of the certificate, kindly scan the QR code and follow the link.

Disclaimer :- This certificate is issued on the basis of random inspection on w.r.t. System/ Product. Certificate of organization as per the standard mentioned. This Certificate does not involve any financial audit. This certificate cannot be used as just fact on for running any type of deposit schemes. QACS will not be responsible if someone gives deposit/advance based on this System/Product certificate on investing as an internal financial audit.



ISO 9001:2015 CERTIFIED



QUALITY ASSURANCE
SYSTEM



STANDARDIZED
MANUFACTURING
PROCESS



CONTINUOUS
IMPROVEMENT



CUSTOMER
SATISFACTION FOCUS

Corporate Statement

PT CINWA ZAFa INDONESIA implements an ISO 9001:2015 certified Quality Management System. We are dedicated to ensuring the highest standards in the design, manufacturing, and supply of premium cable support systems and metal products, ensuring consistent quality, reliability, and continuous improvement across all operations, with a strong commitment to customer satisfaction and to consistently exceed customer expectations.

CERTIFICATION

ISO 14001:2015 CERTIFIED COMPANY



شهادة ◆ CERTIFICAT ◆ CERTIFICADO ◆ СЕРТИФИКАТ ◆ 認證證書 ◆ CERTIFICATE ◆ CERTIFIKAT

CERTIFICATE



PT CINWA ZAF A INDONESIA

ADDRESS: JALAN PUTRI 3 NOMOR 8., KEL. SALEMBARAN JAYA, KEC. KOSAMBI, KAB. TANGERANG, PROVINSI BANTEN, 15214, INDONESIA

QACS cert fy that the environmental management system of the above organ zat on has been aud ted and found to be n accordance w th the requ rements of standard deta led below

ISO 14001:2015

For The Following Scope

WHOLESALE TRADE OF METAL GOODS FOR CONSTRUCTION MATERIALS

Certificate No. : QAIS-E-INDO-PC-04.26.001

IAF Code:- 29

*Th s cert ficate s ssued n accordance w th the QACS Internat onal Pvt. Ltd. aud t ng and Cert ficat on procedures and t s rema n val d subject to annual surve llance aud t.

Cert ficate Issue Date : 03.06.2026

Date of In t al Reg strat on : 03.06.2026

Cert ficate Val d ty : 03 Years

1st Surve llance Date : 02.06.2027

2nd Surve llance Date : 02.06.2028

*Cert ficate Exp ry Date : 02.06.2029

Note: Cert ficate shall be val d after surve llance, only f cont nuat on letter by QACS s present.

QACS International Private Ltd.
Indonesian P. 452001, Ind a
Email: info@qacsworld.com
To check the certificate validity please refer
Web:
www.qacsworld.com
& www.iafcertsearch.org

QACS Accredited By:
International Accreditation Service (IAS)
3960 Saturn Street Suite 100 Brea,
California 92621-1732, USA
United States Of America (USA)
Web: www.iasonline.org


Authorized Signatory



*To check the current val d ty of the cert ficate, k ridly scan the QR code and follow the link.

D scla mer :- Th s cert ficate s ssued on the bas s of random on te nspect on w.r.t. System/ Product Cert ficat on of organ sat on as per the standard ment oned. Th s Cert ficat on do not nvolve any financ al aud t ng. Th s cert ficate cannot be used as just ficat on for run ng any type of depos t schemes. QACS w ll not be respons ble f someone g ve depos t advance based on th s System/Product cert ficat on in streal ng at as internat onal financ al aud t.



ISO 14001:2015 CERTIFIED



ENVIRONMENTAL
MANAGEMENT SYSTEM



SUSTAINABLE
MANUFACTURING
COMITMENT



WASTE REDUCTION &
RECYCLING PROGRAM



ENERGY EFFICIENCY &
RESOURCE
OPTIMIZATION

Corporate Statement

PT CINWA ZAF A INDONESIA implements an ISO 14001:2015 certified Environmental Management System. We are dedicated to minimizing environmental impact in the design, manufacturing, and supply of premium cable support systems and metal products, ensuring efficient use of resources, pollution prevention, and continuous environmental improvement across all operations to support sustainability, comply with applicable environmental regulations, and exceed stakeholder expectations.



LOAD TEST CERTIFICATION

Ensuring Structural Integrity and Compliance



Independent
Third-Party Testing



NEMA VE-1 / CSA C22.2
COMPLIANCE



Verified Load
Performance



Report No.E25381/FNBPAT
Date: June 18, 2026



Issuing Office:
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Telp./Faksimili: 021 88321176/021 88321166
cs.lab@sucofindo.co.id

REPORT OF TESTING

The sample was submitted by client with following identification:

CLIENT : CINWA ZAFa INDONESIA, PT.
ADDRESS : JALAN PUTRI 3 NO 8, SALEMBARAN JAYA, KOSAMBI, KAB.
TANGERANG, BANTEN 15214
SAMPLE NAME : TRAY TYPE C, W600 X H100 X L3000
CODE : CZI STC
MANUFACTURE : CINWA ZAFa INDONESIA, PT.
TEST REQUEST : LOAD TEST
TEST METHOD : NEMA VE 1-2017/CSA C22.2
RECEIVED DATE : June 9, 2026
TESTED DATE : June 15, 2026
RESULT : See attached sheet

The Attachment available is an integral part of this report.

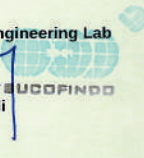
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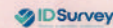
38010626001055

Sub. Dept. Electrical and Engineering Lab

Fandi Fermadi



SCI-2023A



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REPORT OF TESTING

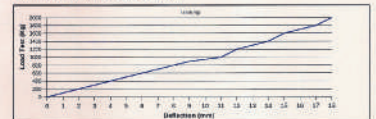
Sample Name : TRAY TYPE C, W600 X H100 X L3000
Test Condition : 24 ± 0.5 °C
Temperature : 55%
Humidity :
Test Equipment : Load Distance
S/N: 30325553
Digital Caliper
S/N: AT5110044

Tested by : Hendri Sukirno
Verified by : Lukman Prasetyo
Approved by : Fandi Fermadi

TYPE CABLE LADDER	STANDARD CLASS NEMA VE 1-2017/CSA C22.2
TRAY TYPE C, W600 X H100 X L3000	CLASS IC

Product Type	Thickness (mm)	Width (mm)	Height (mm)	Length (mm)	Span (mm)	Load (kg)	Deflection (mm)
TRAY TYPE C, W600 X H100 X L3000	2.50	600	100	3000	2400	5	0
						100	1
						200	2
						300	3
						400	4
						500	5
						600	6
						700	7
						800	8
						900	9
						1000	10
						1200	12
						1400	14
						1600	16
						1800	18
						2000	20

Note : - " sample break down
- maximum hold load 2000 kg at 18 mm deflection at span
- Minimum Test load for class IC: 3.36 kg per span

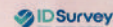


Load VS Deflection



2566055

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Page 2 of 2

ATTACHMENT OF CERTIFICATE

TEST DATE	SAMPLE NAME	TEST REQUEST	TEST METHOD
June 15, 2026	TRAY TYPE C, W600 X H100 X L3000	Load Test	NEMA VE 1-2017/CSA C22.2



Sample Picture

SUCOFINDO



2566055

SCI-2023P

LOAD TEST CERTIFICATION

Ensuring Structural Integrity and Compliance



Independent
Third-Party Testing



NEMA VE-1 / CSA C22.2
COMPLIANCE



Verified Load
Performance



Report No. E25385/FNBPAT
Date: June 18, 2026



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CLIENT : CINWA ZAFRA INDONESIA, PT.
ADDRESS : JALAN PUTRI 3 NO 8, SALEMBARAN JAYA, KOSAMBI, KAB.
TANGERANG, BANTEN 15214
SAMPLE NAME : TRAY TYPE U, W600 X H100 X L3000
CODE : CZI STU
MANUFACTURE : CINWA ZAFRA INDONESIA, PT.
TEST REQUEST : LOAD TEST
TEST METHOD : NEMA VE 1-2017/CSA C22.2
RECEIVED DATE : June 9, 2026
TESTED DATE : June 15, 2026
RESULT : See attached sheet

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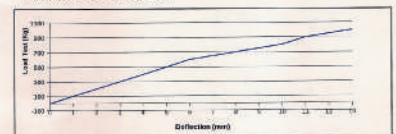
REPORT OF TESTING

Sample Name : TRAY TYPE U, W600 X H100 X L3000
Test Condition : Temperature : 24.6°C, Humidity : 55%
Test Equipment : Laser Distance, S/N: S2515055, Digital Calliper, S/N: A15118444
Issued by : Hendri Subianto
Verified by : Iskandar Prasetyo
Approved by : Fandi Fermadi

TYPE CABLE LADDER	STANDARD CLASS NEMA VE 1-2017/CSA C22.2
TRAY TYPE U, W600 X H100 X L3000	CLASS BC

Product Type	Thickness (mm)	Width (mm)	Height (mm)	Length (mm)	Span (mm)	Load (kg)	Deflection (mm)
TRAY TYPE U, W600 X H100 X L3000	2.45	603	99	3001	2400	0	0
						100	1
						200	2
						300	3
						400	4
						500	5
						600	6
						700	8
						800	10
						900	11
						1000	13

Note: - * Sample break down!
- maximum load 1000 kg at 13 mm deflection at span
- Minimum Test load for class BC 335 kg at span

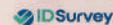


Load vs Deflection



2068087

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Date: June 18, 2026

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Page 2 of 2

ATTACHMENT OF CERTIFICATE

TEST DATE	SAMPLE NAME	TEST REQUEST	TEST METHOD
June 18, 2026	TRAY TYPE U, W600 X H100 X L3000	Load Test	NEMA VE 1-2017/CSA C22.2



Sample Picture



2068088

SCI-2023P



LOAD TEST CERTIFICATION

Ensuring Structural Integrity and Compliance



Independent
Third-Party Testing



NEMA VE-1 / CSA C22.2
COMPLIANCE



Verified Load
Performance



Report No.E25380/FNBPAT
Date: June 18, 2026



Issuing Office:
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Telp./Faksimili: 021 88321176/021 88321166
cs.lab@sucofindo.co.id

REPORT OF TESTING

The sample was submitted by client with following identification:

CLIENT : CINWA ZAFa INDONESIA, PT.
ADDRESS : JALAN PUTRI 3 NO 8, SALEMBARAN JAYA, KOSAMBI, KAB.
TANGERANG, BANTEN 15214
SAMPLE NAME : LADDER TYPE U, W600 X H100 X L3000
CODE : CZI SLU
MANUFACTURE : CINWA ZAFa INDONESIA, PT.
TEST REQUEST : LOAD TEST
TEST METHOD : NEMA VE 1-2017/CSA C22.2
RECEIVED DATE : June 9, 2026
TESTED DATE : June 15, 2026
RESULT : See attached sheet

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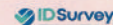
Fandi Fermadi



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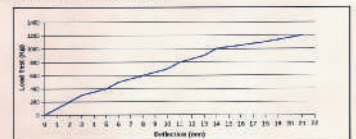
Page 1 of 2

REPORT OF TESTING

Sample Name : LADDER TYPE U, W600 X H100 X L3000
Test Condition : Temperature : 24 °C Tested by : Hendi Sukirno
Humidity : 55% Verified by : Lukman Prasetyo
Test Equipment : Laser Distance : Approved by : Fandi Fermadi
S/N: 20335903
Digital Caliper :
S/N: AJS11994H

TYPE CABLE LADDER				STANDARD CLASS NEMA VE 1-2017/CSA C22.2			
LADDER TYPE U, W600 X H100 X L3000				CLASS RC			
Load Table							
Product Type	Thickness (mm)	Width (mm)	Height (mm)	Length (mm)	Span (mm)	Load (Kg.)	Deflection (mm)
LADDER TYPE U, W600 X H100 X L3000	2.35	600	100	3000	2400		8
						1000	1
						2000	2
						3000	3
						4000	4
						5000	5
						6000	6
						7000	7
						8000	8
						9000	9
						10000	10
						11000	11
						12000	12
						13000	13
						14000	14
						15000	15
						16000	16
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						19000	19
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						255000	255
						256000	256
						257000	257
						258000	258
						259000	259
						260000	260
						261000	261
						262000	262
						2	

Note : - * sample break down
- maximum load load 1200 kg or 21 mm deflection at span
- Minimum load load for class RC 500 Kg at span

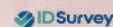


Load VS Deflection



2968053

SCI-2023P



Report No.
To Report No.E25380/FNBPAT
Date: June 18, 2026

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Page 2 of 2

ATTACHMENT OF CERTIFICATE

TEST DATE	SAMPLE NAME	TEST REQUEST	TEST METHOD
June 15, 2026	LADDER TYPE U, W600 X H100 X L3000	Load Test	NEMA VE 1-2017/CSA C22.2



Sample Picture

SCI-2023P



2968054

SCI-2023P

LOAD TEST CERTIFICATION

Ensuring Structural Integrity and Compliance



Independent
Third-Party Testing



NEMA VE-1 / CSA C22.2
COMPLIANCE



Verified Load
Performance



Report No.E25377/FNBPAT
Date: June 18, 2026



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REPORT OF TESTING

The sample was submitted by client with following identification:

CLIENT	: CINWA ZAFRA INDONESIA, PT.
ADDRESS	: JALAN PUTRI 3 NO 8, SALEMBARAN JAYA, KOSAMBI, KAB. TANGERANG, BANTEN 15214
SAMPLE NAME	: LADDER TYPE W, W600 X H100 X L3000
CODE	: CZI SLW
MANUFACTURE	: CINWA ZAFRA INDONESIA, PT.
TEST REQUEST	: LOAD TEST
TEST METHOD	: NEMA VE 1-2017/CSA C22.2
RECEIVED DATE	: June 9, 2026
TESTED DATE	: June 15, 2026
RESULT	: See attached sheet

The Attachment available is an integral part of this report.

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Sub. Dept. Electrical and Engineering Lab

Fandi Fermadi
SUCOFINDO



5553844



SCI-2023A



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Date: June 18, 2026



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Page 1 of 2

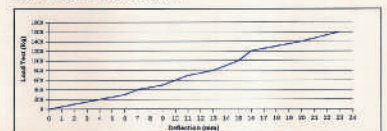
REPORT OF TESTING

Sample Name	: LADDER TYPE W, W600 X H100 X L3000	Tested by	: Hendri Suketono
Test Condition	: Temperature: 24.6°C Humidity: 55%	Verified by	: Lukman Firmansyah
Test Equipment	: - Laser Distance S/N: 8033553 - Digital Caliper S/N: AJSLS19544	Approved by	: Fandi Fermadi

TYPE CABLE LADDER	STANDARD CLASS NEMA VE 1-2017/CSA C22.2
LADDER TYPE W, W600 X H100 X L3000	CLASS BC

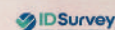
Product Type	Thickness (mm)	Width (mm)	Height (mm)	Length (mm)	Span (mm)	Load (kg)	Deflection (mm)
LADDER TYPE W, W600 X H100 X L3000	2.38	508	91	3003	2400	8	0
						100	2
						200	4
						300	6
						400	8
						500	10
						600	12
						700	14
						800	16
						900	18
						1000	20
						1200	24
						1400	28
						1600	32
						1800	36

Note: - * sample break down
- maximum load (load 1800 kg at 24 mm deflection at span
- minimum load (load for class BC 500 kg at span)



2968081

SCI-2023P



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Date: June 18, 2026



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Page 2 of 2

ATTACHMENT OF CERTIFICATE

TEST DATE	SAMPLE NAME	TEST REQUEST	TEST METHOD
June 15, 2026	LADDER TYPE W, W600 X H100 X L3000	Load Test	NEMA VE 1-2017/CSA C22.2



Sample Picture

SUCOFINDO



2968082

SCI-2023P



LOAD TEST CERTIFICATION

Ensuring Structural Integrity and Compliance



Independent
Third-Party Testing



NEMA VE-1 / CSA C22.2
COMPLIANCE



Verified Load
Performance



Report No.E25373/FNBPAT
Date: June 18, 2026



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REPORT OF TESTING

The sample was submitted by client with following identification:

CLIENT : CINWA Zafa INDONESIA, PT.
ADDRESS : JALAN PUTRI 3 NO 8, SALEMBARAN JAYA, KOSAMBI, KAB.
TANGERANG, BANTEN 15214
SAMPLE NAME : LADDER TYPE HD, W600 X H152 X L3000
CODE : CZI SLHD
MANUFACTURE : CINWA Zafa INDONESIA, PT.
TEST REQUEST : LOAD TEST
TEST METHOD : NEMA VE 1-2017/CSA C22.2
RECEIVED DATE : June 9, 2026
TESTED DATE : June 15, 2026
RESULT : See attached sheet

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Sub. Dept. Electrical and Engineering Lab

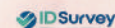
Fandi Fermadi
SUCOFINDO



5553843



SCI-2023A



Attachment
To Report No.E25373/FNBPAT
Date: June 18, 2026

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Page 3 of 8

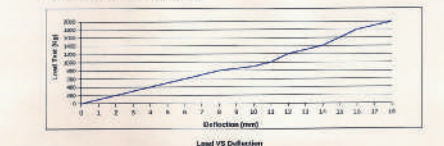
REPORT OF TESTING

Sample Name : LADDER TYPE HD, W600 X H152 X L3000
Test Condition : Temperature : 24.6°C
Humidity : 55%
Test Equipment : 1. Load Cell : SIA 30110653
Digital Caliper : SIA AL3119544
Tested by : Haniul Shaleha
Verified by : Lukman Prasanto
Approved by : Fandi Fermadi

TYPE CABLE LADDER : STANDARD CLASS NEMA VE 1-2017/CSA C22.2
LADDER TYPE HD, W600 X H152 X L3000 : CI 455 BC

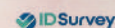
Product Type	Thickness (mm)	Load Table				Load (Kg)	Deflection (mm)
		Width (mm)	Length (mm)	Span (mm)			
LADDER TYPE HD, W600 X H152 X L3000	2.48	600	154	3000	0	0	0
					100	2	0
					200	5	0
					300	8	0
					400	12	0
					500	18	0
					600	25	0
					700	35	0
					800	45	0
					900	55	0
					1000	65	0
					1100	75	0

Note : 1. Maximum break down
2. Maximum load limit 2000 Kg at 15 mm deflection at span
3. Maximum Test load for class BC 536 Kg at span



2586079

SCI-2019P



Attachment
To Report No.E25373/FNBPAT
Date: June 18, 2026

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Page 8 of 8

ATTACHMENT OF CERTIFICATE

TEST DATE	SAMPLE NAME	TEST REQUEST	TEST METHOD
June 15, 2026	LADDER TYPE HD, W600 X H152 X L3000	Load Test	NEMA VE 1-2017/CSA C22.2



Sample Picture



2586080

SCI-2019P

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Supported by years of industry experience, our team has contributed to various projects and industrial sectors across Indonesia, delivering quality Cable Support System solutions that meet project requirements and industry standards.



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Data Center



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Mining



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Thank You

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