

# SIJIL GUNA PAKAI

CERTIFICATE OF PRODUCT ACCEPTANCE



**TENAGA  
NASIONAL BERHAD**

Serial No : D2020-0025

Manufacturer / Assembler  
**MEGA KABEL SDN. BHD.**  
No. 2-4, Jalan Mahir 5  
Taman Perindustrian Cemerlang  
81800 Ulu Tiram  
Johor

Item/Equipment  
**600/1000 (Um=1200V) SINGLE CORE PVC INSULATED, PVC SHEATHED, UNARMoured  
CABLE**

Make/ Model  
**MEGA KABEL /  
600/1000V 1 CORE x 500MMP, PVC INSULATED CABLE (COPPER)**

#### Qualification

Based on the assessment by TNB Labs Sdn. Bhd., the above equipment has complied with the specified requirements of TNB Technical Specification named below and is hereby accepted for use in the TNB system.

**TNBD Technical Specification :**  
**KEJ01120 : 2018 (Approved Date : 22<sup>nd</sup> October 2018)**  
**Specification for 600/1000 (Um = 1200V) Single Core PVC Insulated, PVC Sheathed, Unarmoured Cable**

*This certificate shall be read together with the attachment(s).*

Distribution Network Division  
Tenaga Nasional Berhad  
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**WAN NAZMY BIN WAN MAHMOOD**  
**Head (Asset Management)**  
**Distribution Network Division, TNB**

Certified since : 24<sup>th</sup> October 2013

Issue Date : 23<sup>rd</sup> March 2020

Expiry Date : 23<sup>rd</sup> October 2022

*Certification is subject to the terms and conditions overleaf*



## TERMS & CONDITIONS FOR CERTIFICATE

- *This certificate is issued by the Asset Management, Distribution Division, TNB for the Second Party Product Certification Scheme service provided by TNB Labs Sdn. Bhd. and is exclusively for products used within the Tenaga Nasional Berhad's business operation system.*
- *During the period of certification, the certificate holder shall not vary the product design, material, construction and manufacturing process or plant under which this certificate is issued.*
- *Any changes as stated above shall be made in writing to TNB Labs Sdn. Bhd. and shall be subject to the appropriate procedures imposed by the scheme.*
- *This certificate is the document of approval of the specified item or equipment stating the acceptance of its usage in Tenaga Nasional Berhad only, without any obligation to purchase the item or equipment from the manufacturer / assembler.*
- *Tenaga Nasional Berhad reserves the right to withdraw/cancel this Certificate of Product Acceptance with or without any notification if there is any deviation or omission from the sample item or equipment tested.*
- *Tenaga Nasional Berhad has the right to withdraw / cancel this Certificate of Product Acceptance if the equipment is no longer used in the Tenaga Nasional Berhad's system.*
- *The manufacturer / assembler shall be required to go through existing procurement procedures and regulations of TNB should they intend to market this item or equipment to Tenaga Nasional Berhad.*
- *This Certificate of Product Acceptance does not exempt the item or equipment from Acceptance Tests as required by Tenaga Nasional Berhad.*
- *Tenaga Nasional Berhad reserves the right to request for further tests to be carried out by manufacturer / assembler whenever the specification of the item/ equipment is reviewed or changed.*
- *This Certificate of Product Acceptance is subjected to periodic reviews based on the field performance of the item or equipment in the Tenaga Nasional Berhad system.*
- *Tenaga Nasional Berhad has the right to withdraw / cancel this Certificate of Product Acceptance and reject usage of the equipment/item if it is found to be defective in design or quality during its usage in the Tenaga Nasional Berhad system.*
- *This Certificate of Product Acceptance is only valid for the period stated in the certificate. If so desired, the manufacturer / assembler needs to apply for a re-certification. Tenaga Nasional Berhad shall review the performance of the equipment/item and may subject it to other test requirements if necessary, before re-certifying the validity period of the said certificate.*

Serial No : D2020-0025

**A) Technical Drawings**

No.	Parts / Components	Drawing No.	Drawing Quantity	Approving Authority / Date
1.	Mega Kabel Sdn Bhd	MTN B001, Rev No.: 00	1	TNBD – ES / 21 <sup>st</sup> October 2019

**B) Source of Key Raw Materials / Components / Sub-assemblies**

No.	Items	Manufacturer	Model / Grade	Country of Origin
1.	Conductor	Alpha Industries Sdn. Bhd.	Copper	Malaysia
		Metrod Malaysia Sdn. Bhd.		
		Ta Win Industries Sdn. Bhd.		
2.	Insulation	Hsing Lung Sdn. Bhd.	PVC A	
3.			Oversheath	

**C) Key Manufacturing Processes**

No.	Key Manufacturing Processes	Manufactured By / Location
1.	Copper Incoming	Alpha Industries Sdn. Bhd., Johor Bahru
		Metrod Sdn. Bhd. Klang, Selangor
		Ta Win Industries (M) Sdn. Bhd., Malacca
2.	PVC Compound Incoming	Syarikat Hsing Lung Sdn. Bhd., Johor Bahru.
3.	Copper Rewinding	
4.	Copper Stranding	
5.	Extrusion Core Insulation	Mega Kabel Sdn. Bhd., Ulu Tiram, Johor
6.	Extrusion Outer Layer (Sheath)	

 Issue date : 23<sup>rd</sup> March 2020

 Valid until : 23<sup>rd</sup> October 2022

Attachment 1 of 1

