

*"To be ultracompetitive in everything we do"*



*"To be ultracompetitive in everything we do"*

## Who We are

- ✓ Thailand's wire & cable **Leader** with **52 Years of Expertise**.
- ✓ **The only International** wire & cable supplier in Thailand who supplies for over **30 Years** in more than **30 Countries** worldwide.
- ✓ **The One and Only** manufacturer in SEA with Vertical Continuous Vulcanization (**VCV**) technology.
- ✓ Capable of producing EHV XLPE Cables up to 245kV with complete in-house testing facility for up to **400kV** voltage test.
- ✓ Guaranteed by professional and technical experts with **International Standard Certifications**.

"To be ultracompetitive in everything we do"

## Product Portfolio

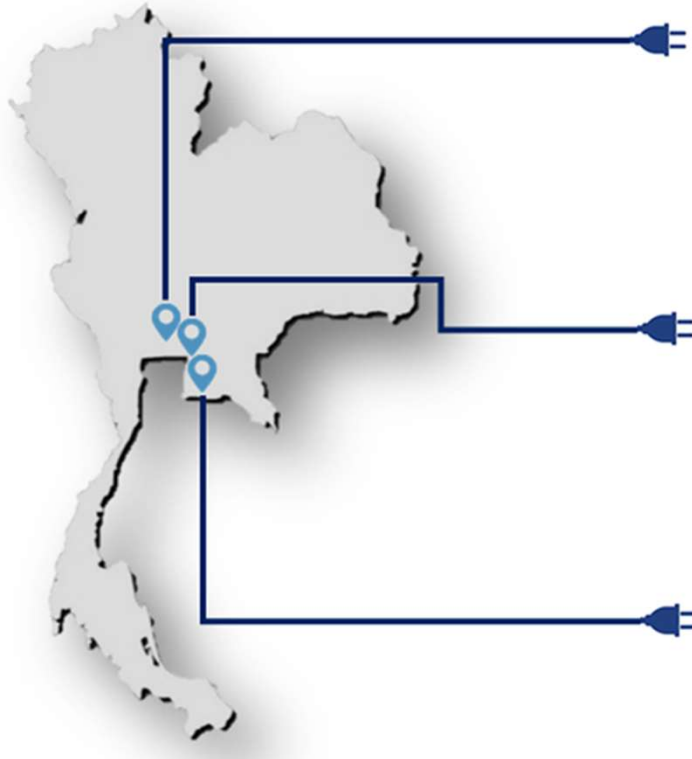


*LifeLine*  
เฟลปส์ ดอดจ์ ทุกสายคือชีวิต

- **Copper Rod, Aluminum Rod**
- **Bare Copper and Aluminum Conductors**
- **Building Wires**
- **Internal and External Telecommunication Cables**
- **Low Voltage Power Cables, Control Cables and Instrumentation Cables**
- **Photovoltaic Cables**
- **Medium – Extra High Voltage Power Cables**
- **Lead Sheathed Cables, Corrugated Aluminum, Copper or Stainless Steel Sheathed Cables**
- **Low Smoke Halogen Free, Flame Retardant and Fire Resistant Cables**

## Our Factory & Offices

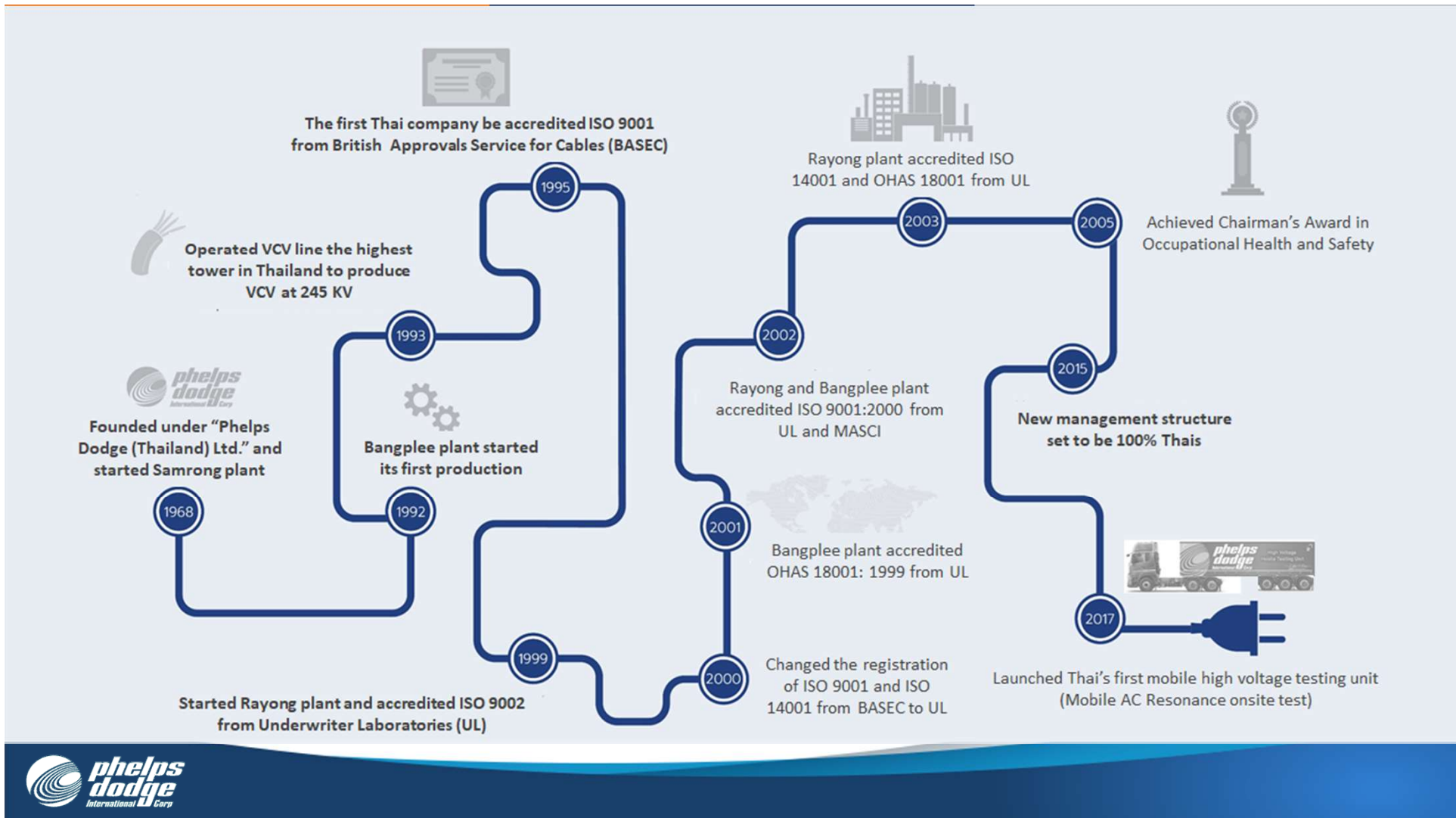
*"To be ultracompetitive in everything we do"*



**Bangkok Office** 16th Floor Maneeya Center 518/5  
Ploenchit Rd., Lumpinee, Pathumwan, Bangkok 10330

**Bangplee Plant** 159 Moo 10 Soi Bangpla24  
Teparak Rd., Bangpla, Bangplee, Samutprakarn 10540

**Rayong Plant** 9/9 Moo 4 Nikompattana Rayong 21180



*"To be ultracompetitive in everything we do"*

## TECHNOLOGY

Wire and Cable Technology Leader  
**WORLD CLASS SAFETY STANDARD**



"To be ultracompetitive in everything we do"

# World class products from top class technology

- Ensure the highest quality with premium grade raw materials.



*"To be ultracompetitive in everything we do"*

## World class products **from top class technology**

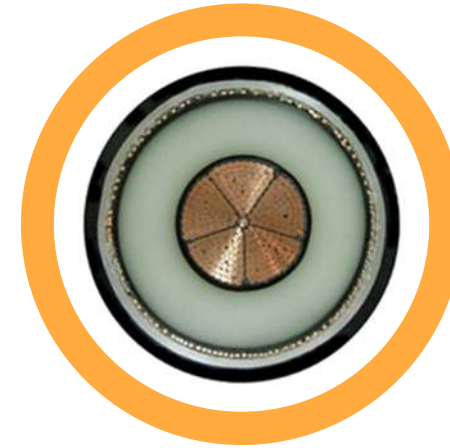
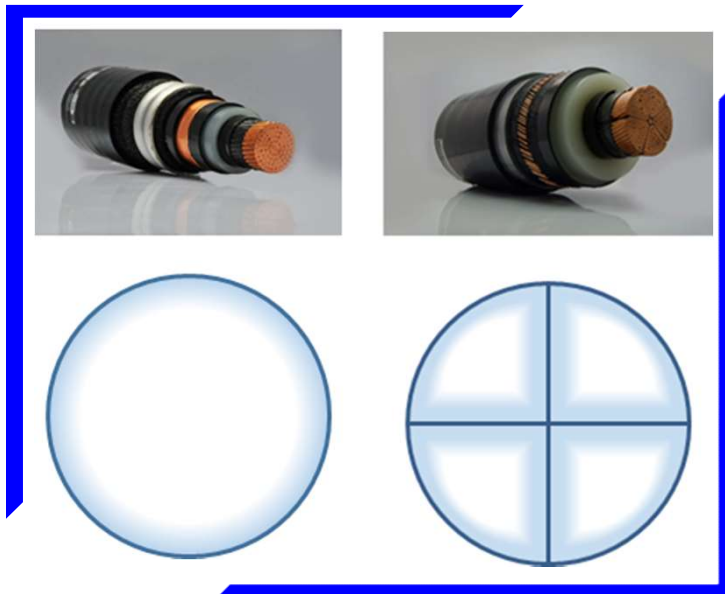
Copper is melting in the Oxygen Free Closed System to keep its toughness for rolling process as to keep its efficiency in electricity conducting





*"To be ultracompetitive in everything we do"*

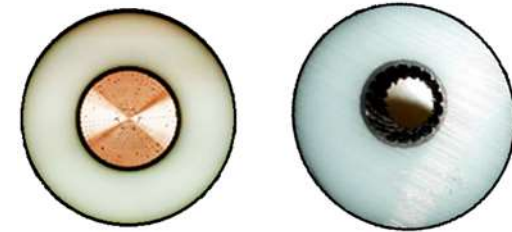
## World class products **from top class technology**



- Only one cable manufacturer in Thailand that can produce and supply Milliken conductor.
- Carrying higher electric current than normal round conductor including better flexibility.

*"To be ultracompetitive in everything we do"*

# World class products from top class technology



Ensure the quality and safety with the Vertical Continuous Vulcanization technology which controls the concentricity of insulation around the conductor to let the evenness of electric field stress

"To be ultracompetitive in everything we do"

## World class products from top class technology



Only one cable Manufacture in Thailand that can manufacture and supply metallic sheathed cable

**A: Copper wire shield (with integrated OF) + Laminated aluminum tape**

**B: Lead sheath**

**C: Copper wire shield + Lead sheath**

**D: Corrugated copper**

**E: Corrugated aluminum**

*"To be ultracompetitive in everything we do"*

# World class products **from top class technology**

## Pioneer in Skinned Insulation Design

Higher Resistivity, Safer Products



## Special Twisted Design for Telecom Cables

- High Signal Consistency
- No Cross Talk Disturbance
- The only Manufacturer who can produce up to 3,000 Pairs



*"To be ultracompetitive in everything we do"*

# World class products **from top class technology**

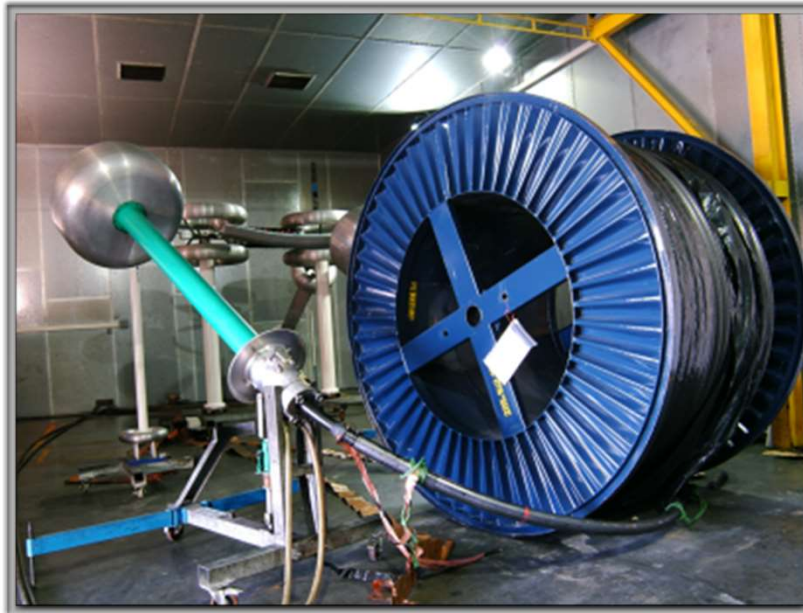
## Type Test Laboratory

The only manufacturer to produce 245 kV cable with 400 kV power frequency voltage and 1,800 kVp impulse voltage testing



*"To be ultracompetitive in everything we do"*

# World class products **from top class technology**



Guarantee with 100% of cable pass Electrical Test

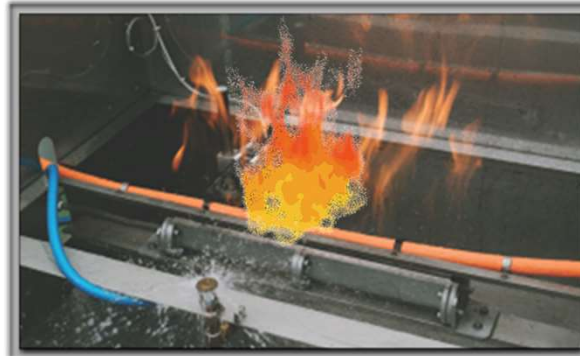
*"To be ultracompetitive in everything we do"*

# World class products **from top class technology**

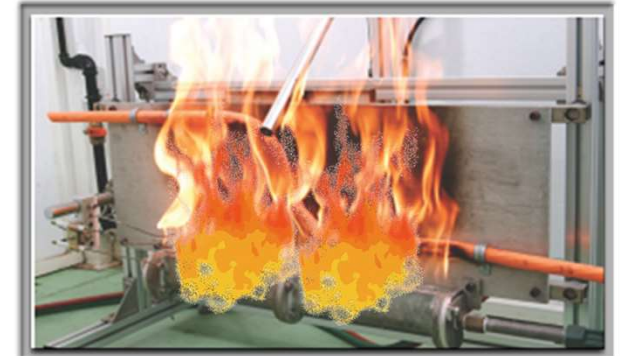
## Capability in product and material testing



Resistance to Fire



Resistance to Fire with  
Water Spray



Resistance to Fire with Mechanical  
Shock

"To be ultracompetitive in everything we do"

# World class products from top class technology

## Mobile Onsite ACRF

High voltage mobile testing unit is the German technology for AC high voltage testing fully complied with IEC standard.  
Phelps Dodge International (Thailand) is the only service provider in Thailand





"To be ultracompetitive in everything we do"

## Total Plant Capacity

Copper Output  
40,000 MT

Aluminum Output  
20,000 MT

> \$ 320 million  
sales turnover

Exporting in  
30+ Countries

More than 800 staffs  
More than 200 Electrical Engineers  
More than 1,000 distribution network nationwide in Thailand

"To be ultracompetitive in everything we do"

## Our Worldwide Market



"To be ultracompetitive in everything we do"

# Worldwide Customers



Domestic



International

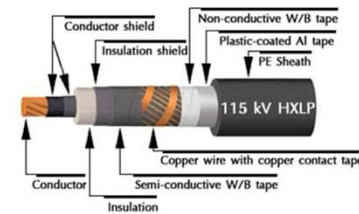
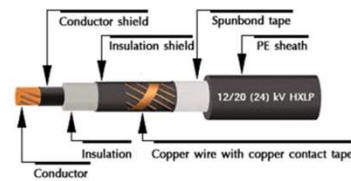
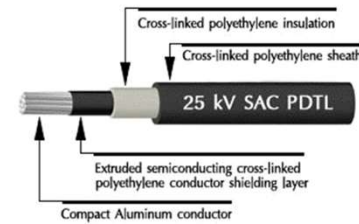
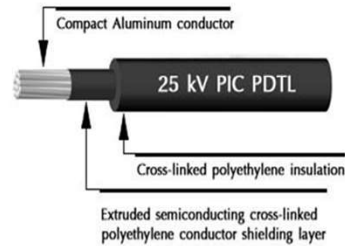
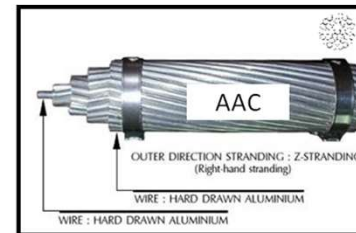
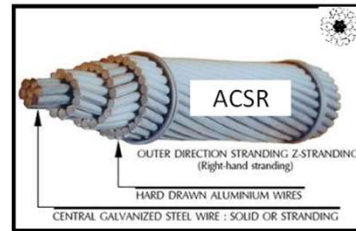
"To be ultracompetitive in everything we do"

# Our Market Segment



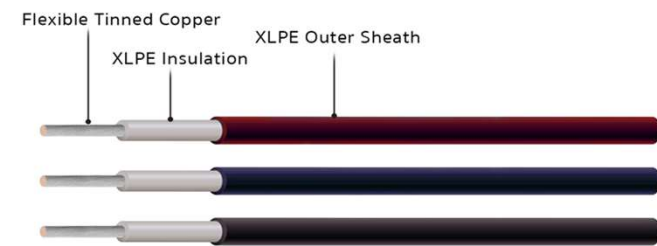
"To be ultracompetitive in everything we do"

# Utility and Infrastructure



*"To be ultracompetitive in everything we do"*

# Renewable Energy



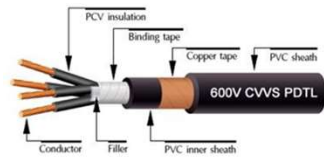
*"To be ultracompetitive in everything we do"*

# Renewable Energy (PDITL Bangplee Plant)

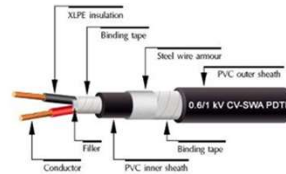


"To be ultracompetitive in everything we do"

# Industry, Oil & Gas and Petrochemical

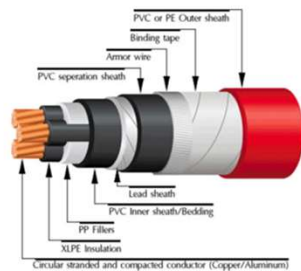


600 V CVVS CABLE

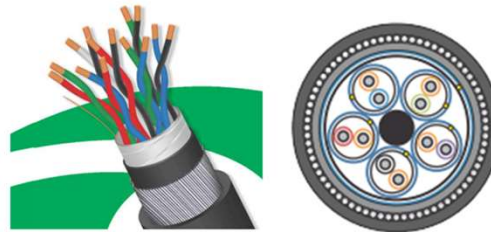


0.6/1 kV CV-SWA CABLE

**One and Only Provider of Power and Control Cables with Lead Sheath for Chemical and Oil Resistance**



MV Underground cable with Lead sheath & SWA



Instrument Cable



"To be ultracompetitive in everything we do"

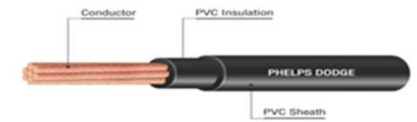
# Building and Construction



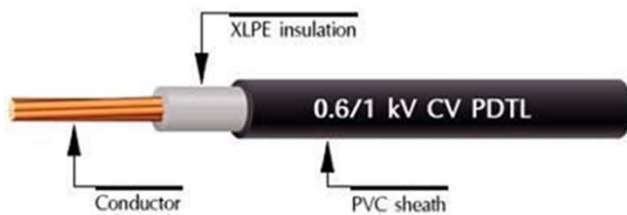
THW



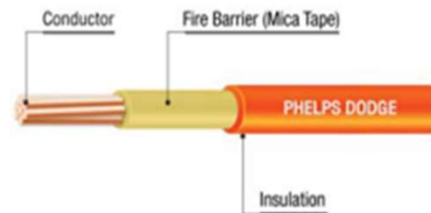
NYN



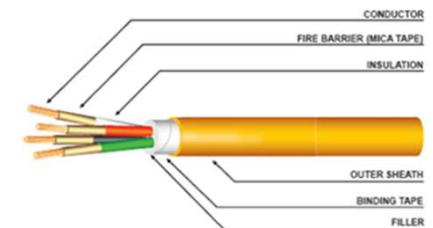
VCT



CV Cable



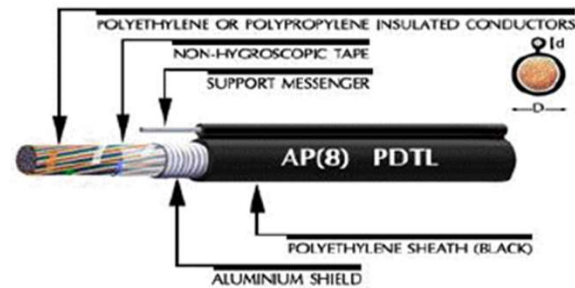
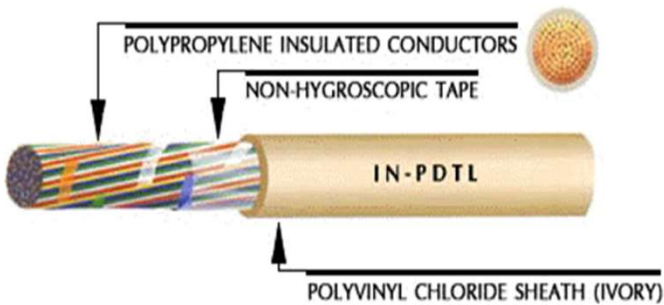
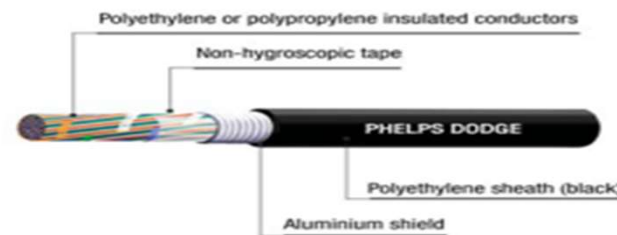
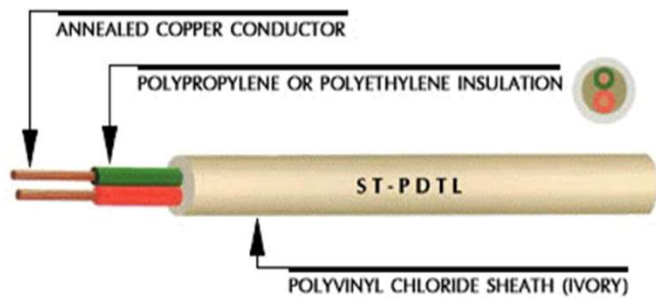
Fire Resistant Cable (FRC)



Fire Resistant Cable (FRC)

"To be ultracompetitive in everything we do"

# Communications



"To be ultracompetitive in everything we do"

# Project Highlight



KOLKATA CITY OF 132 kV SUBSTATION



WAYU WIND FARM



90 MW SOLAR FARM



METRO RAIL CORP. PROJECT, DELHI AND JAIPUR



*"To be ultracompetitive in everything we do"*

# Project Highlight



"To be ultracompetitive in everything we do"

# Project Highlight



CENTRAL Group



"To be ultracompetitive in everything we do"

# Our Qualification

DNV-GL

**KEMA TYPE TEST CERTIFICATE OF PRE-QUALIFICATION**

**Phelps Dodge International (Thailand) Limited**  
Samutprakarn, Thailand

has successfully passed the type test sequence on a **cable system (230 kV)**

Cable: 1 x 2500 mm<sup>2</sup> – Cu – XLPE insulated  
Manufacturer: Phelps Dodge International (Thailand) Limited

Outdoor termination: BE PL 09527  
Manufacturer: General Cable

GIS termination: BE PL 07983  
Manufacturer: General Cable

The test object passed the specification of test duties of **IEC 62067** subclause 13

The test results are recorded in Certificate No. **1175-16**

This Certificate was issued on 13 July 2016

KEMA Nederland B.V.  
  
J.P. Fonteinje  
Executive Vice President  
KEMA Laboratories

**KEMA** Laboratories

© DNV GL  
Please note that this document has been issued for information purposes only, and that the original bound and sealed paper copy of the Certificate including the results of the tests of the object will prevail. This document does not imply that DNV GL has certified or approved any object other than the specimen tested.



DNV-GL

**KEMA TYPE TEST CERTIFICATE OF PRE-QUALIFICATION**

Object: Power cable system consisting of a single-core power cable, 2 outdoor terminations, 2 GIS terminations, 1 joint with screen separation and 1 straight joint. **1634-16**

Rated voltage, (kV (U<sub>m</sub>)): 230 (240) kV  
Conductor cross-section: 247500 mm<sup>2</sup>  
Conductor material: Cu  
Insulation material: XLPE

Manufacturer: Cable: Phelps Dodge International (Thailand) Limited, Samutprakarn, Thailand (\*)  
Accessories: See section 1.1.3 Characteristics of the accessories

Client: Phelps Dodge International (Thailand) Limited, Samutprakarn, Thailand

Tested by: DNV GL Netherlands B.V., Anhem, the Netherlands

Date of tests: 25 November 2014 to 24 March 2016

The test object, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with **IEC 62067 (2011)** subclause 13

This Pre-qualification Certificate has been issued by DNV GL, following exclusively the STS Guides. The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to the ratings assigned by the manufacturer as listed on page 4 to 33.

This Certificate applies only to the object tested. The responsibility for conformity of any object having the same type references as that tested rests with the Manufacturer, (\*) as declared by the manufacturer.

This Certificate consists of 43 pages in total.




DNV GL Netherlands B.V.  
  
J.P. Fonteinje  
Executive Vice President  
KEMA Laboratories

**KEMA** Laboratories  
Anhem, 7 June 2016

Copyright © This original certificate is valid from 2016 to 2021. Renewal copies as PDF or hard copy of this report are only available upon request. The control and technical content of this report is the sole responsibility of the manufacturer.

"To be ultracompetitive in everything we do"

# Our Certificate

Zertifikat	Certificate		
Zertifikat Nr. / Certificate No. R 60124536	Blatt / Sheet 0001		
Ihr Zeichen / Client Reference 0001--28238981 001	Unser Zeichen / Our Reference 0001--28238981 001	Anstellungsdatum / Date of Issue 11.04.2018	(day/month)
<b>Genehmigungsinhaber / License Holder</b> Phelps Dodge International (Thailand) Limited 159 Soi Bangpla 24, Teprak Road, Samutprakarn-Bangpliee 10540 Thailand	<b>Fertigungsstätte / Manufacturing Plant</b> Phelps Dodge International (Thailand) Limited 9/9 Moo 4, T.Nikomattana, A.Nikomattana, Rayong 21180 Thailand		
<b>Prüfzeichen / Test Mark</b> 	<b>Geprüft nach / Tested acc. to</b> EN 50618:2014		
<b>Zertifiziertes Produkt (Gründentifikation) / Certified Product (Product Identification)</b> <b>PV Systems Photovoltaic cable family</b>	<b>Lizenzgebühr - Einheit / License Fee - Unit</b> 16		
Type designation: H1Z2Z-K Cross section: 1x2,5mm <sup>2</sup> , 1x4mm <sup>2</sup> , 1x6mm <sup>2</sup> , 1x10mm <sup>2</sup> , 1x16mm <sup>2</sup> , 1x25mm <sup>2</sup> , Rated voltage: AC 10/10 1.1kV DC 1.5kV (Conductor-Conductor and Conductor-Earth) max. voltage: DC 1.5kV Transmittance: 94 Range of temperature: -40°C to +90°C max. temperature at conductor: 120°C (2000h) Material insulation: XLPE insulation Material sheath: XLPE sheath			
<p><small>Das Zertifikat legt unsere Prüf- und Zertifizierungsanforderungen gemäß und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfverfahren. Zusätzliche Anforderungen an Lieferanten, an denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich beachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht. This certificate is based on our Testing and Certification Regulations and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements to customers where the product is going to be marketed have to be considered additionally. The conformity of the manufacturing of the certified product is subject to surveillance.</small></p> <p><b>TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg</b> Tel.: +49 221 896-1771 e-mail: cert-rs@tuev.com Fax: +49 221 896-7933 http://www.aus.com/safety</p> <p><b>Zertifizierungsstelle / Certification Center</b>  Z. Spreitzer</p>			

Zertifikat	Certificate		
Zertifikat Nr. / Certificate No. R 60124536	Blatt / Sheet 0002		
Ihr Zeichen / Client Reference 0001--28238981 002	Unser Zeichen / Our Reference 0001--28238981 002	Anstellungsdatum / Date of Issue 30.01.2019	(day/month)
<b>Genehmigungsinhaber / License Holder</b> Phelps Dodge International (Thailand) Limited 159 Soi Bangpla 24, Teprak Road, Samutprakarn-Bangpliee 10540 Thailand	<b>Fertigungsstätte / Manufacturing Plant</b> Phelps Dodge International (Thailand) Limited 9/9 Moo 4, T.Nikomattana, A.Nikomattana, Rayong 21180 Thailand		
<b>Prüfzeichen / Test Mark</b> 	<b>Geprüft nach / Tested acc. to</b> EN 50618:2014		
<b>Zertifiziertes Produkt (Gründentifikation) / Certified Product (Product Identification)</b> <b>PV Systems Photovoltaic cable family</b>	<b>Lizenzgebühr - Einheit / License Fee - Unit</b> 1		
Produkt aus page 0001 Additional: The variant of cross section of product listed on page 0001 is increased.			
Cross section: 1x2,5mm <sup>2</sup> , 1x6mm <sup>2</sup> , 1x10mm <sup>2</sup> , 1x16mm <sup>2</sup> , 1x25mm <sup>2</sup> , 1x37mm <sup>2</sup> , 1x50mm <sup>2</sup> , 1x70mm <sup>2</sup> , 1x95mm <sup>2</sup> , 1x120mm <sup>2</sup> , 1x150mm <sup>2</sup> , 1x185mm <sup>2</sup> , 1x240mm <sup>2</sup>			
<p><small>Das Zertifikat legt unsere Prüf- und Zertifizierungsanforderungen gemäß und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfverfahren. Zusätzliche Anforderungen an Lieferanten, an denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich beachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht. This certificate is based on our Testing and Certification Regulations and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements to customers where the product is going to be marketed have to be considered additionally. The conformity of the manufacturing of the certified product is subject to surveillance.</small></p> <p><b>TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg</b> Tel.: +49 221 896-1771 e-mail: cert-rs@tuev.com Fax: +49 221 896-7933 http://www.aus.com/safety</p> <p><b>Zertifizierungsstelle / Certification Center</b>  Z. Spreitzer</p>			

"To be ultracompetitive in everything we do"

# Our Certificate



**Product Certification Schedule**

Schedule No: 219/001/001  
 Licensee: PHELPS DODGE INTERNATIONAL (THAILAND) LIMITED, 16TH FLOOR, MANEEYA CENTER BUILDING, 519/5 PLOENCHIT ROAD, LUMPINEE, PATHUMWAN, BANGKOK 10330, THAILAND  
 Factory: PHELPS DODGE INTERNATIONAL (THAILAND) LIMITED, 9/9 MOO 4, T.NIKHOMPATTANA, A NIKHOMPATTANA, RAYONG 21180, THAILAND  
 Specification: BS 5467:2016 Incorporating Corrigendum No. 1 Electric cables. Thermosetting insulated, armoured cables of rated voltages of 600/1 000 V and 1 900/3 300 V for fixed installations. Specification  
 Type of Cable: Tables 5, 6 and 7  
 Two-core, three-core and four-core 600/1000V cables with copper conductors  
 HAR Document: Not applicable  
 HAR Specification: Not applicable  
 Range of Approval: 1.5sqmm to 16sqmm nominal cross-sectional area of conductors inclusive. Two-core to three-core inclusive. Class 2 circular conductor. 1.5sqmm to 35sqmm nominal cross-sectional area of conductors inclusive. Four-core. Class 2 circular conductor. 25sqmm to 50sqmm nominal cross-sectional area of conductors inclusive. Four-core. Class 2 shaped conductor. Sheath - Type 9. Insulation - GP8.  
 Origin Thread: Not applicable  
 Origin Mark: PHELPS DODGE

**PERMISSIBLE MARKS**



**BASEC**

YELLOW  
ACETATE  
THREAD

Please refer to the BASEC Product Certification Requirements

Expiry Date: 11/10/2019

Signed for and on behalf of the British Approvals Service for Cables



Date: 05/09/2017

This Certificate and Schedule(s) remain the property of BASEC, and shall be returned when required.




PHELPS DODGE INTERNATIONAL (THAILAND) LIMITED, 16TH FLOOR, MANEEYA CENTER BUILDING, 519/5 PLOENCHIT ROAD, LUMPINEE, PATHUMWAN, BANGKOK 10330, THAILAND



**CERTIFICATE OF CONFORMITY**

This is to certify that the

**Quality Management System**

of

**Phelps Dodge International (Thailand) Limited**

conforms to the requirements of

**BASEC Product Certification Requirements**  
 Including Clause 2.6 (Formerly BA Z250:1996 Parts 1 & 2)  
 "Enhanced Quality Management Systems For Product Related Functions"

in respect of the sites specified in the attached schedule(s).

Schedule nos:-  
**PCR-254/001**  
**PCR-254/002**  
**PCR-254/003**

Certificate No: PCR-254

Issue Date: 11<sup>th</sup> October 2016

Date of original certification: 11<sup>th</sup> October 2016

Expiry Date: 11<sup>th</sup> October 2019

This certificate is issued subject to and in accordance with BASEC Regulations and continued compliance.

Includes requirements for Environmental issues directly relating to the Product and Manufacturing processes as well as limited Health & Safety issues directly relating to the Product and Manufacturing processes

Signed for and on behalf of the British Approvals Service for Cables



Date: 17/10/2016

This Certificate and Schedule(s) remain the property of BASEC, and shall be returned when required.  
 BS/PCN 1000/A/076A, A/176B & A/176C / Copy No. 1





Product Service

**CERTIFICATE**

No. B 15 12 91380 004

Holder of Certificate: **Phelps Dodge International (Thailand) Limited.**  
 9/9 Moo 4, T Nikompattana  
 Nikompattana  
 Rayong 21180  
 THAILAND

Production Facility(ies): 91380

Certification Mark: 

Product: **Fire Resistant Cables**  
**CU/MICA/XLPE/LSFOH/CTS/LSFOH Fire Resistant Cable**

Model(s): **CU/MICA/XLPE/LSFOH/CTS/LSFOH**

Parameters: Type : CU/MICA/XLPE/LSFOH/CTS/LSFOH Fire resistant Cable  
 Size : 2C x 1.5mm<sup>2</sup> to 30C x 1.5mm<sup>2</sup>  
 Voltage : 600/1000V  
 See appendix for details cable construction

Tested according to: BS 6387:2013  
 IEC 60502-1(ed.2):am1  
 IEC 60332-3-22(ed.1.1)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 7191119139-EEC15 See Attached

Valid until: 2020-12-03

Date: 2015-12-17 (Kim Suah Phua)

Page 1 of 2



TÜV SÜD Product Service GmbH - Zertifizierstelle - Ridlerstraße 65 - 80339 München - Germany







# Our Certificate



## CERTIFICATE





This is to certify that

**Phelps Dodge International (Thailand) Limited**  
 159 Moo 10 Soi Watratburana, Teparak Rd., KM. 17  
 Bangpla, Bangpla District, Samutprakarn 10540  
 Thailand

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

**Scope:**  
 The design and manufacture of copper and aluminum cables for power applications and telecommunication applications at Bangpla Thailand  
 The design and manufacture of copper rod and copper and aluminum cables for power applications at Rayong Thailand

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

**ISO 9001 : 2015**

Certificate registration no.	438872 QM15	 
Date of original certification	2000-09-08	
Valid from	2017-10-13	
Valid until	2020-08-26	
Date of certification	2017-10-13	

**DQS GmbH**

*Frank Griebler*  
 Frank Griebler  
 Managing Director

Accredited Body: DQS GmbH, August-Schneer-Strasse 21, 69433 Frankfurt am Main, Germany  
 Administrative Office: DQS M83 (Thailand) Ltd., Level 16, 49173, Lfr @ Sathorn 10, Sathorn 10, Siam,  
 Bangkok, Bangkok 10500 - Thailand

1 / 2



## CERTIFICATE





This is to certify that

**Phelps Dodge International (Thailand) Limited**  
 159 Moo 10 Soi Watratburana, Teparak Rd., KM. 17  
 Bangpla, Bangpla District, Samutprakarn 10540  
 Thailand

with the organizational units/sites as listed in the annex

has implemented and maintains an **Environmental Management System**.

**Scope:**  
 The design and manufacture of copper and aluminum cables for power applications and telecommunication applications at Bangpla Thailand  
 The design and manufacture of copper rod and copper and aluminum cables for power applications at Rayong Thailand

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

**ISO 14001 : 2015**

Certificate registration no.	438872 UM15	 
Date of original certification	2000-10-25	
Valid from	2017-08-27	
Valid until	2020-08-26	
Date of certification	2017-08-27	

**DQS GmbH**

*Frank Griebler*  
 Frank Griebler  
 Managing Director

Accredited Body: DQS GmbH, August-Schneer-Strasse 21, 69433 Frankfurt am Main, Germany  
 Administrative Office: DQS M83 (Thailand) Ltd., Level 16, 49173, Lfr @ Sathorn 10, Sathorn 10, Siam,  
 Bangkok, Bangkok 10500 - Thailand

1 / 2



## CERTIFICATE





This is to certify that

**Phelps Dodge International (Thailand) Limited**  
 159 Moo 10 Soi Watratburana, Teparak Rd., KM. 17  
 Bangpla, Bangpla District, Samutprakarn 10540  
 Thailand

with the organizational units/sites as listed in the annex

has implemented and maintains an **Occupational Health and Safety Management System**.

**Scope:**  
 The design and manufacture of copper and aluminum cables for power applications and telecommunication applications at Bangpla Thailand  
 The design and manufacture of copper rod and copper and aluminum cables for power applications at Rayong Thailand

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

**BS OHSAS 18001 : 2007**

Certificate registration no.	438872 BS04	
Date of original certification	2001-03-08	
Valid from	2017-06-17	
Valid until	2020-06-16	
Date of certification	2017-06-17	

**DQS GmbH**

*Frank Griebler*  
 Frank Griebler  
 Managing Director

Accredited Body: DQS GmbH, August-Schneer-Strasse 21, 69433 Frankfurt am Main, Germany  
 Administrative Office: DQS M83 (Thailand) Ltd., Level 16, 49173, Lfr @ Sathorn 10, Sathorn 10, Siam,  
 Bangkok, Bangkok 10500 - Thailand

1 / 2

"To be ultracompetitive in everything we do"

# Our Certificate

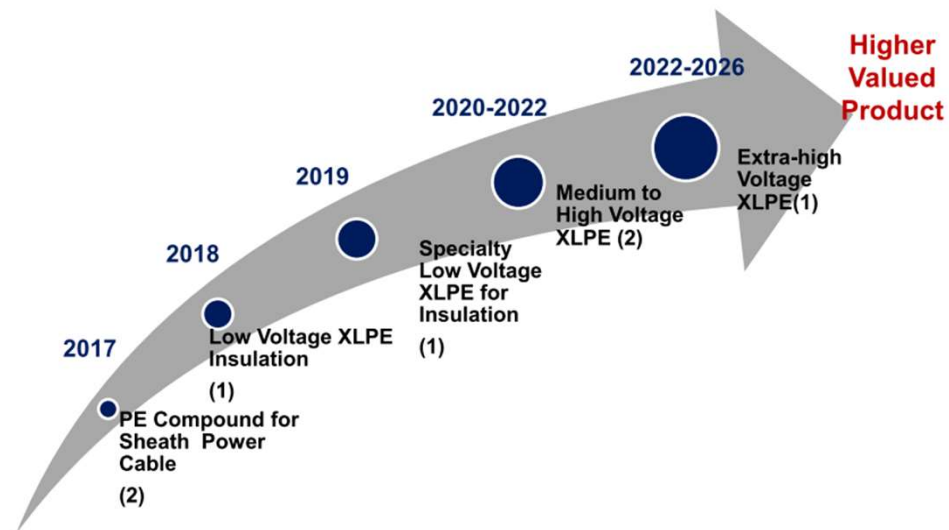


"To be ultracompetitive in everything we do"

## Business Alliance

GC (PTT Global Chemicals) 

- R&D collaboration in polymer development
  - MDPE
  - HDPE
  - XLPE
  - HFFR



*"To be ultracompetitive in everything we do"*

## Worldwide Business Partners





## Phelps Dodge (International) Thailand และ Dubai Cable ประสานความร่วมมือทางธุรกิจ



คณะผู้บริหารของ Phelps Dodge นำโดย พีไอ่ พิกัด และพีเคียง บินตรงสู่ดูไบ เพื่อเซ็น MoU กับ Ducab โดยการร่วมมือครั้งนี้มีเป้าหมายที่จะสนับสนุนเรื่องวัตถุดิบ แลกเปลี่ยนองค์ความรู้เพื่อเสริมแกร่งซึ่งกันและกัน ทั้งยังรวมถึงการร่วมขยายการลงทุน โดยมุ่งเน้นตลาดเอเชียตะวันออกเฉียงใต้อีกด้วย พิธีการเซ็น MoU จัดขึ้นในวันที่ 27 กุมภาพันธ์ ณ สำนักงานใหญ่ Ducab นครดูไบ สหรัฐอาหรับเอมิเรตส์



Ducab เป็นรัฐวิสาหกิจของสหรัฐอาหรับเอมิเรตส์ และ Phelps Dodge เป็นองค์กรเอกชนไทยหนึ่งเดียวที่ได้เซ็นสัญญาเป็นพันธมิตรทางธุรกิจกับ Ducab

เป้าหมายของเราไม่ใช่การเอาชนะคู่แข่งในประเทศอีกต่อไป แต่คือการออกไปสร้างชื่อในระดับโลก และในเร็ว ๆ นี้ Phelps Dodge จะยังก้าวอย่างยิ่งใหญ่ ด้วยการเข้าตลาดหุ้น ซึ่งจะช่วยขยายศักยภาพของเราให้แข็งแกร่งยิ่งขึ้น



LifeLine ทุกสายคือชีวิต



## Phelps Dodge (International) Thailand และ Lean Global Network จับมือเป็นพันธมิตร ผลักดันประเทศไทยสู่ผู้นำ LEAN ในเอเชียตะวันออกเฉียงใต้



คณะผู้บริหารของ PDITL นำโดย พีไอ่และพีเคียง บินตรงสู่สหรัฐอเมริกา เพื่อเซ็นสัญญา กับ Lean Global Network เมื่อวันที่ 26 มีนาคม ณ เมืองอีวัสตัน รัฐเท็กซัส สหรัฐอเมริกา

### 1 การร่วมมือครั้งนี้มีเป้าหมาย ดังต่อไปนี้

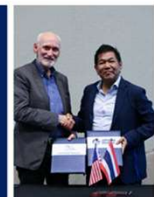
พัฒนาความศักยภาพการทำงาน พนักงาน และระบบ เพื่อให้บรรลุเป้าหมายทางธุรกิจโดยใช้หลักการ และเครื่องมือแบบ LEAN

### 2

ร่วมกับพันธมิตรของ PDITL ทั้งภาครัฐ ภาคเอกชน และสถาบันการศึกษา ผลักดันประเทศไทยให้เป็นศูนย์กลางการเรียนรู้ระบบ LEAN



Mr. John Shook CEO ของ Lean Global Network ให้การต้อนรับคณะ PDITL เป็นอย่างดี



ในช่วงปลายเดือนเมษายนนี้ พวกเราจะได้ทำเวิร์คช็อปกับโค้ชจาก Lean Global Network อย่างจริงจังเพื่อให้ได้ผลลัพธ์ และกระจายการเรียนรู้ไปทั่วทั้งองค์กร เพราะกระบวนการทำงานแบบ LEAN จะต้องถูกนำไปใช้กับทุกธุรกิจ ในเครือ ทั้ง โลจิสติกส์ สายไฟสายเคเบิล และแพคเกจจิ้ง

LifeLine ทุกสายคือชีวิต





Life  line

เฟลปส์ ดอดจ์ ทุกสายคือชีวิต