

Ref. No : 10T061/0924



## CERTIFICATE OF LABORATORY ACCREDITATION

This is to certify that

**Testing Laboratory**  
**Bangkok Cable Company Limited**  
39/1 Moo 1, Bangpakong-Chachoengsao Road, San phudas,  
Banpho, Chachoengsao

has successfully undergone assessment under  
the Thai Laboratory Accreditation Scheme (TLAS)  
Thai Industrial Standards Institute  
for meeting its criteria of competence, which are in accordance with  
General requirements for the competence of testing and calibration laboratories

TIS 17025 - 2548 (2005)

ISO/IEC 17025 : 2005

Accreditation No. TESTING 0164

The scope of accreditation is as annexed hereto.

Date of Issue : 22<sup>nd</sup> July 2010

Valid until : 21<sup>st</sup> July 2013

Signature :   
(Anusorn Nuangpholmak)

Deputy Permanent Secretary for Industry  
Chairman, Ministerial Cluster  
for Industrial and Entrepreneurial Promotion  
Chairman of Industrial Product Standards Council

Initial Date of Issue : 19<sup>th</sup> January 2006

Thai Laboratory Accreditation Scheme, Thai Industrial Standards Institute, Ministry of Industry

## Scope of Accreditation for Testing

**Laboratory Name** : Testing Laboratory  
 Bangkok Cable Company Limited  
**Premises** : 39/1 Moo 1, Bangpakong-Chachoengsao Road, San phudas, Banpho, Chachoengsao  
**Accreditation No.** : TESTING 0164  
**Laboratory Status** :  Permanent     Site     Temporary     Mobile

Item/Product Tested	Specific Test/ Range of Measurement	Standard/Test Method/ Technique Used
Cables	<ul style="list-style-type: none"> <li>- Test for fire resistance characteristics               <ul style="list-style-type: none"> <li>• Resistance to fire alone</li> <li>• Resistance to fire with water</li> <li>• Resistance to fire with mechanical shock</li> </ul> </li> <li>- Measurement of smoke density of cables burning under defined conditions</li> <li>- Test for vertical flame spread of vertically-mounted bunched wires or cables-category A F/R</li> </ul>	<ul style="list-style-type: none"> <li>- BS 6387 : 1994</li> <li>- IEC 61034-1 Third edition 2005-04</li> <li>- IEC 61034-2 Third edition 2005-04</li> <li>- BS EN 61034-1 : 2005</li> <li>- BS EN 61034-2 : 2005</li> <li>- IEC 60332-3-21 First edition 2000-10</li> </ul>

## Scope of Accreditation for Testing

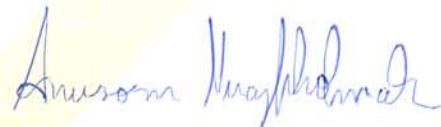
Accreditation No. : TESTING 0164

Laboratory Status :  Permanent  Site  Temporary  Mobile

Item/Product Tested	Specific Test/ Range of Measurement	Standard/Test Method/ Technique Used
Cables (cont.)	- Test for vertical flame spread of vertically-mounted bunched wires or cables-category D	- IEC 60332-3-25 : 2000 First edition 2000-10

Date of Issue : 22<sup>nd</sup> July 2010

Signature :



(Anusorn Nuangpholmak)

Deputy Permanent Secretary for Industry

Chairman, Ministerial Cluster


for Industrial and Entrepreneurial Promotion

Chairman of Industrial Product Standards Council

## Scope of Accreditation for Testing

Accreditation No. : TESTING 0164

Laboratory Status :  Permanent     Site     Temporary     Mobile

Item/Product Tested	Specific Test/ Range of Measurement	Standard/Test Method/ Technique Used
Cables (cont.)	<ul style="list-style-type: none"> <li>- Test for vertical flame spread of vertically-mounted bunched wires or cables-category A</li>   <li>- Test for vertical flame spread of vertically-mounted bunched wires or cables-category B</li>   <li>- Test for vertical flame spread of vertically-mounted bunched wires or cables-category C</li> </ul>	<ul style="list-style-type: none"> <li>- IEC 60332-3-22 First edition 2000-10</li>   <li>- IEC 60332-3-23 First edition 2000-10</li>   <li>- IEC 60332-3-24 First edition 2000-10</li> </ul> <div style="text-align: right; margin-top: 20px;">  </div>