



**CABLES LABORATORY**  
**DIAGNOSTIC, CABLES & CAPACITORS DIVISION**  
**CENTRAL POWER RESEARCH INSTITUTE**

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**CPRI**

Sheet 1 of 8

**TEST REPORT**

**Test Report Number** : DCCD-11714 **Dated** : 18.10.2010

**Name & Address of the Customer** : M/s Phelps Dodge International ( Thailand) Ltd.,  
159 Soi Watratburana Teparak Road, Bangpla,Bangplee,  
Samutprakarn 10540, Thailand..

**Name & Address of the Manufacturer** : M/s Phelps Dodge International ( Thailand) Ltd.,  
159 Soi Watratburana Teparak Road, Bangpla,Bangplee,  
Samutprakarn 10540, Thailand..

**Particulars of sample tested** : 1 X 630 mm<sup>2</sup> 66 kV(E) XLPE Cable  
**Condition of the sample on receipt** : New.  
**Type** : XLPE Cable  
**Designation** : Conductor Material : Aluminium  
No. of cores : One  
Size : 630 mm<sup>2</sup>  
Insulation: XLPE  
Metallic Sheath : Welded Corrugated Aluminium  
Outer sheath : HD PE  
Voltage Rating : 66 kV(E)  
Declared Capacitance :0.265 µF/km (Max)  
Embossing : 66 KV AL/XLPE/CAS/HDPE 1 X 630 SQ.MM  
PHELPS DODGE INTERNATIONAL THAILAND , 2010 BMRCL

**Serial Number** : Nil  
**Number of Samples tested** : One  
**Date(s) of Test(s)** : 17.08.2010 to 08.10.2010  
**CPRI Sample Code no(s)** : DCCDCAB10S0045  
**Particulars of test conducted** : Type Test  
**Test in accordance with Standard /Specification** : As per IEC 60840-2004  
**Sampling plan** : Not Applicable  
**Customer's requirement** : Nil  
**Deviation if any** : Nil  
**Name of the witnessing persons**  
**Customer's representatives** : None.  
**Other than customer's representatives** : None.  
**Test subcontracted with address of the laboratory** : Nil  
**Documents constituting this report (in words)**  
**Number of sheets** : Eight + One Report of Three Pages  
**Number of oscillogram/s** : Four ( One page)  
**Number of graphs** : Nil  
**Number of photos** : Nil  
**Number of test circuit diagrams** : Nil  
**Number of drawings** : One. Drg. No.:66KVAL630-Corr AL

  
(Thirumurthy)  
**Test Engineer**



  
(A.Sudhindra)  
**Additional Director**