

## TYPE TEST CERTIFICATE

APPROVED

B4000107

Type Test Certificate of **Electrical type tests on cable systems**

Apparatus **400 kV XLPE-cable and accessories**

Designation **Cable: 1600Sqmm 400 kV (acc. sample-400/1600)**  
**Joint: SM 420-S (acc. 3.78086-00)**

Rated voltage  $U_m/U_n/U_0$  420/400/220 kV ; Rated current - ; Rated frequency -

Manufacturer **Universal Cables Limited**  
**P.O. Birla Vikas, Satna (MP) 485005, INDIA**

Client **Universal Cables Limited**  
**P.O. Birla Vikas, Satna (MP) 485005, INDIA**

Tested by **IPH - Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH**  
**Landsberger Allee 378A, 13681 Berlin, Germany**  
**Subsidiary Company of CESI S.p.A., Milan, Italy**

Tests date **from July 24, 2012 to September 10, 2013**

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference documents identified in this Certificate, has been subjected to the series of proving tests in accordance with

**IEC 62067:2011-11 Sub-clause 12.4**

**This Type Test Certificate has been issued by CESI in accordance with above mentioned Standard(s).**

The results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the Manufacturer as listed on page No. 3.

The Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

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