



**ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION**  
 (Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)  
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**TEST REPORT**

**SHEET NO.: 1 OF 7**

<b>NAME &amp; ADDRESS OF CUSTOMER</b>  <b>M/s. ASBESCO (INDIA) PRIVATE LIMITED</b> 1-A, K.B.R. Complex, 4, Ho-Chi-Minh Sarani, Kolkata – 700 071, India	<b>TEST REPORT NO.:</b> RP-1516-035343 <b>DATE</b> : 24/12/2015	
	<b>CUSTOMER REF. NO.:</b> ACF/EX-181/ERDA/15-16/400 <b>DATED</b> : 07/12/2015	
	<b>DATE OF SAMPLE RECEIPT</b>	<b>DATE OF TESTING</b>
	15/12/2015 & 16/12/2015	18/12/2015
<b>SAMPLE DESCRIPTION</b>  <b>132 kV Double Tension String with Hardware Fittings suitable for Twin Rubus AAAC Conductor</b> Rated Voltage : 132 kV Embossing : (1) Insulator: DECOSIL (2) Hardware: ACO Contractor: M/s. ASBESCO (INDIA) PRIVATE LIMITED Customer: EAC, CYPRUS Project: 132 kV D/C TL in CYPRUS	<b>SAMPLE IDENTIFICATION</b> Year of Mfg. : 2015  Type : Strings, OHTL Hardware Hardware Make : M/s. ASBESCO (INDIA) PRIVATE LIMITED  Insulator Make: M/s. Deccan Enterprises Limited  ERDA Sample Code No.: ERDA-00119201	
<b>TEST DETAILS</b> (1) Dry lightning impulse withstand voltage test (2) Wet power-frequency test (3) Radio interference voltage test (4) Visible corona test ENCLOSURES: DRG. No.: (1) ADT-587/TW-400/COM-160A REVISION NO. 2 (2) 1233	<b>TEST SPECIFICATION</b> As per customer's requirement & test procedure was followed as per IEC: 61109-2008 & IEC: 60437-1997	
TEST WITNESSED BY:(1) Mr. CHRISTAKIS ZACHARIOU – M/s. Electricity Authority of Cyprus (2) Dr. Christian Bernauer - M/s. ASBESCO (INDIA) PRIVATE LIMITED		
REMARKS: As per <b>SHEET NO.:</b> 2 OF 7		
 <b>PREPARED BY</b>	 <b>CHECKED BY</b>	 <b>A.S.KHOPKAR APPROVED BY</b>
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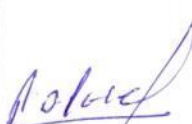


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TEST REPORT NO.: RP-1516-035343			SHEET NO.: 2 OF 7	
DATE : 24/12/2015				
<p><b>Atmospheric condition :</b> Dry bulb Temperature : 27.0 °C Wet bulb Temperature : 23.0 °C Atmospheric Pressure : 753.4 mm of Hg</p>				
Sr. No.	Test Conducted (Cl.No. & IEC)	Test Requirement	Obtained Results	Remarks
(1)	Dry lightning impulse withstand voltage test  (As per cl. no. 11.1 of IEC:61109-2008)	Lightning impulse withstand voltage value requirement for both polarity : 650 kVp  (No. of shots applied : 15 +ve polarity & 15 -ve polarity)	Withstood  (+ve 644.10 to 652.46 kVp) (- ve 650.55 to 651.35 kVp)  (Wave forms recorded given in <b>SHEET NO.:</b> 3 OF 7 & 4 OF 7)	Conforms
(2)	Wet power frequency test  (As per cl. no. 11.1 of IEC:61109-2008)	The test voltage of 275 kV AC corrected to reference atmospheric conditions shall be applied between H.V. terminal and Earth for one minute duration under artificial rainfall condition.	Withstood	Conforms
(3)	Radio interference voltage test  (As per customer's requirement and test procedure was followed as per cl.no.13 of IEC: 60437-1997)	As per actual radio interference voltage measured @ specified test voltage as specified by the customer.	As Per <b>SHEET NO.:</b> 5 OF 7	---
(4)	Visible corona test  (As per customer's requirement)	To be achieved during testing.	As Per <b>SHEET NO.:</b> 6 OF 7	---
<p>   <b>PREPARED BY</b> </p> <p>   <b>CHECKED BY</b> </p> <p style="text-align: right;">  </p>				

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