



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

NAME & ADDRESS OF CUSTOMER M/s. ASBESCO (INDIA) PRIVATE LIMITED 1-A, K.B.R. Complex, 4, Ho-Chi-Minh Sarani, Kolkata – 700 071, India	TEST REPORT NO.: RP-1516-035342 DATE : 24/12/2015	
	CUSTOMER REF. NO.: ACF/EX-181/ERDA/15-16/400 DATED : 07/12/2015	
	DATE OF SAMPLE RECEIPT	DATE OF TESTING
	15/12/2015 & 16/12/2015	17/12/2015
SAMPLE DESCRIPTION 132 kV Single Suspension String with Hardware Fittings suitable for Twin Rubus AAAC Conductor 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	SAMPLE IDENTIFICATION 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-00119200	
TEST DETAILS (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) ASS-584/TW-400/COM-160A REVISION NO. 1 (2) 1262	TEST SPECIFICATION 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 SHEET NO.: 2 OF 7		
 PREPARED BY	 CHECKED BY	 A.S.KHOPKAR APPROVED BY
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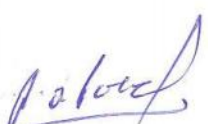


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TEST REPORT NO.: RP-1516-035342			SHEET NO.: 2 OF 7	
DATE : 24/12/2015				
Atmospheric condition :				
Dry bulb Temperature : 26.0 °C				
Wet bulb Temperature : 23.0 °C				
Atmospheric Pressure : 755.5 mm of Hg				
Sr. No.	Test Conducted (Cl.No. & 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 648.30 to 651.18 kVp) (- ve 650.21 to 650.83 kVp) (Wave forms recorded given in SHEET NO.: 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 SHEET NO.: 5 OF 7	---
(4)	Visible corona test (As per customer's requirement)	To be achieved during testing.	As Per SHEET NO.: 6 OF 7	---
 PREPARED BY		 CHECKED BY		

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