



## TEST REPORT

<b>Test report No.:</b>	CER4904-0037	<b>Date:</b>	March 5, 2017
<b>Report on:</b>	Power Frequency Voltage Withstand test for 33 kV Elastimold separable elbow cable termination.		
<b>Client request:</b>	E-mail dated July 17, 2016, and September 28, 2016		
<b>Client:</b>	<b>Saudi Electricity Company, Riyadh- Saudi Arabia</b> <b>Att.: Eng. Mohammed A. Al-Nadhary</b> Senior Distribution Engineering Expert Technical Improvements & Standards, Distribution Services - SEC HQ. Tel. #: +9661 18079534		
<b>KFUPM Quotation:</b>	E-mail dated July 17, 2016, and September 28, 2016, and KFUPM laboratory service contract No.: CER4904-0037, dated December 7, 2016.		
<b>Test samples:</b>	1. Elastimold, 3C-M465-M1-400, interface C, 33 kV pre-mold termination, dead break separable connector elbow, manufactured by Elsewedy SEDCO / Elastimold Egypt-Subsidiaries of Elsewedy Electric- Egypt and supplied locally by Al Abdulkarim Holding Company (AKH), Jeddah, Saudi Arabia. 2. Outdoor, SEL RMU 33 kV, Type TPR6-HP as per SEC's specification 32-SDMS-07, manufactured by SEL Company from Italy 3. Alfancar cable of 36 kV, Al, 3X400 mm <sup>2</sup> , as per SEC Specifications 11-SDMS-03		

**Test purpose:** To conduct power frequency voltage withstand test for the Elastimold, 3C-M465-M1-400, interface C, 33 kV cable separable elbow connector

**Tested at:** The High Voltage Laboratory, Research Institute/King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia

**Test date:** February 9, 2017

**Test reference:** IEC 62271-1

**Conclusion:** *The tested Separable Elbow Connector, Elastimold part # 3C-M465-M1-400, passed the test of the applied voltage of 70 kV for each core as per IEC 62271-1.*

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