

TEST REPORT

REPORT No. (236/2010)

- **CLIENT:** Elastimold Egypt – Elsewedy cables CO.
- **Report Date:** 7 / 11 /2010.
- **Place:**
 - Laboratories of Extra High Voltage Research Center.
 - Internal code : TO – AC – 10 – 10 – 03 - 01.
- **Requirements:**
 - Testing according to IEC (60502-4) Table (10).
- **Standard Specification:**
 - IEC 60502-4 "Power cables with extruded insulation and their accessories for rated voltages from 1.0 kV ($U_m=1.2$ kV) up to 30 kV ($U_m=36$ kV)".
Part 4: Test requirements on accessories for cables with rated voltages from 6 kV ($U_m=7.2$ kV) up to 30 kV ($U_m=36$ kV).
 - IEC 61442 "Test method for accessories for power cables with rated voltages from 6 kV ($U_m=7.2$ kV) up to 30 kV ($U_m=36$ kV)".
- **Description of the Specimen :**
 - 1- One 35 kV Premolded Power Cable Outdoor Termination with the following specifications:
 - Manufacturer : Elastimold Egypt.
 - Type : MTG 35 kV.
 - Size : B.
 - Module & Stress Cone : PA.
 - Leakage path : 620 mm.
 - Diameter of sheds : 90 mm.
 - Number of sheds : 7.
 - Terminations Lugs : Copper lugs made by EL-Sewedy SEDCO.
 - 2- One 35 kV Premolded Power Cable Indoor Termination with the following specifications:
 - Manufacturer : Elastimold Egypt.
 - Type : MTG 35 kV.
 - Size : B.
 - Module & Stress Cone : PA.
 - Leakage path : 470 mm.
 - Diameter of sheds : 90 mm.
 - Number of sheds : 5.
 - Terminations Lugs : Copper lugs made by EL-Sewedy SEDCO.

M. Rabey

