



DIN EN ISO 9001:2008
Zertifikat: 01 100 026214



**LABORATORIES OF EXTRA HIGH
VOLTAGE RESEARCH CENTER SECTOR**
KM 27 Cairo- Alex. Desert Road
Report No. (154/2015)
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TEST REPORT

REPORT NO. (154 /2015)

▪ **CLIENT:** ELASTIMOLD EGYPT - ELSEWEDY SEDCO CO. - SUBSIDIARIES OF ELSEWEDY ELECTRIC.

▪ **Report Date:** 30 / 07 /2015.

▪ **Place:**

- **LABORATORIES OF EXTRA HIGH VOLTAGE RESEARCH CENTER.**
- Internal code : TO - AC - 15 - 05 - 28 - 01.

▪ **Requirements:**

- Testing according to IEC 60502-4.

▪ **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 Elastimold Egypt - Elsewedy SEDCO CO. Subsidiaries of Elsewedy Electric - Egypt.
- Type : MTG 35 kV.
- Leakage path : 850 mm.
- Flash over path : 430 mm
- Diameter of sheds : 100 mm.
- Number of sheds : 7.
- Terminations Lugs : Compression Lugs .

2- One 35 kV Premolded Power Cable Indoor Termination with the following specifications:

- Manufacturer : Elastimold Elastimold Egypt - Elsewedy SEDCO CO - subsidiaries of Elsewedy Electric - Egypt.
- Type : MTG 35 kV.
- Leakage path : 625 mm.
- Flash over path : 370 mm
- Diameter of sheds : 100 mm
- Number of sheds : 5.
- Terminations Lugs : Compression Lugs.

M. Rabee

