

Schedule of Accreditation
Elsewedy Cables Laboratory
Elsewedy Cables Egypt
10th of ramadan city, industrial zone A3

Schedule No.: 211021 B 1st accreditation date: August 14, 2012 Issue No.: (2) October 24, 2016 Revision No. (-) Valid to : August 13, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Electrical tests Power cables with rated voltage up to 230 kV	High voltage	IEC 60227-2:1997+A1:2003 IEC 60502-1:2004+A1:2009 IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011 IEC 62067:2011
	Partial discharge	IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011 IEC 60885:2015
	Tan delta measurement	IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011
	Heating cycle voltage test	IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011
Impulse voltage	1kV Up to 300 kV	IEC 60502-1:2004+A1:2009 IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011 IEC 60230:1966
		IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011
		IEC 60502-2:2014 IEC 60840:2011 IEC 62067:2011
Bending test	1kV Up to 300 kV	Bending machine Manufacturer: Elsewedy Engineering Co. Model: HFSAB 03psf80

Hany El Desouki

Schedule of Accreditation
Elsewedy Cables Laboratory
Elsewedy Cables Egypt
10th of ramadan city, industrial zone A3

Schedule No.: 211021 B 1st accreditation date: August 14, 2012 Issue No.: (2) October 24, 2016 Revision No. (-) Valid to : August 13, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Non-Electrical Tests Power cables with rated voltage up to 230 kV	Measurement of thicknesses and over all dimensions	IEC 60811-201:2012 IEC 60811-202:2012 IEC 60811-203:2012 Profile projector Model: PJ3000 SN. 590126 - Vernier caliper SN. 1034910 - Measuring tape SN. ES1474
	Determination of mechanical properties of insulating and sheathing compounds	IEC 60811-501:2012 2.5 KN Tensile SN. 177477
	Loss of mass test for insulations and sheaths	IEC 60811-409:2012 Thermo-scientific oven Model: TK6060, SN. 40765229 Electronic balance Model: AB204, SN. 11116240781 Digital caliper Model: CD-12, SN. 1034897
	Heat shock test for sheaths	IEC 60811-509:2012 Thermo-scientific oven Model: TK6060, SN. 40759025 Digital caliper Model: CD-12, SN. 1034910
	Hot set test	IEC 60811-507:2012 Thermo-fisher oven Type Model: ut6050 HS, SN.40759325 Digital caliper Model: CD-12, SN. 1034897 Digital micrometer SN. 35003118 Stop watch SN. 02 Digital balance SN. 1115271067

Hany ElBosouki



Schedule of Accreditation
Elsewedy Cables Laboratory
Elsewedy Cables Egypt
10th of Ramadan city, industrial zone A3

Schedule No.: 211021 B 1st accreditation date: August 14, 2012 Issue No.: (2) October 24, 2016 Revision No. (-) Valid to : August 13, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Power cables with rated voltage up to 230 kV	Shrinkage 1- 5 mm	IEC 60811-502:2012 IEC 60811-503:2012 Thermo-scientific oven SN. 40759026 Diplomatic caliper SN. 1034897, SN. 1034910 Stop watch SN. 02

Hany Desouki