



Schedule of Accreditation  
 Issue To

High Voltage Testing Laboratory  
 Egyptian Company for Manufacturing Electrical Insulators (ECMED) - El Sewedy Electric  
 10<sup>th</sup> of Ramadan City Area (1/4) -South (A-1), Cairo, Egypt

Schedule No.: 210022B 1st Accreditation date: August 15, 2011 Issue No. (3): December 12, 2017 Revision No. (-): Valid to : August 14, 2019

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Ceramic and Polymer Insulators	Verification of the dimensions: - Creepage distance test - Diameter test - Spacing test	IEC 60383 -1:1993 Clause 17 IEC 61109:2008-05 Clause 12.2 Vernier caliper SN. PS10232, S.N: K15B12816 Digital level SN. ES10353
	Verification of the displacements: - Axial test - Radial test	IEC 60383-1:1993 Clause 21 Digital indicator SN. KBS 950 Digital level SN. ES10353
Ceramic Insulators (Class B)	Temperature cycle test	IEC 60383-1:1993 Clause 23.1 Digital thermometer SN: C SN: H Stop watch SN: 1 Break down voltage tester SN. M9812031 A C Withstand voltage test system SN. 2009/5002
	Puncture withstand test	IEC 60383-1:1993 Clause 15 A C Withstand voltage test system SN. 2009/5002, SN. 201230001 Oil bath Model: NYNAS

Hany El-Sesouky

Schedule of Accreditation  
Issue To

High Voltage Testing Laboratory  
Egyptian Company for Manufacturing Electrical Insulators (ECMED) - El Sewedy Electric  
10<sup>th</sup> of Ramadan City Area (1/4) -South (A-1), Cairo, Egypt

Schedule No.: 210022B 1st Accreditation date: August 15, 2011 Issue No. (3): December 12, 2017 Revision No. (-): Valid to : August 14, 2019

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Ceramic Insulators	- Withstand voltage test - Disruptive discharge voltage test	IEC 60060-1: 2010 Clause 6.3.1, 6.3.2 AC Withstand voltage test system SN:2009/5002 Break down voltage tester SN: M9812031 Stop watch SN:67 SW02
Ceramic and Polymer insulators	Mechanical failing load test (30 - 270) kN	IEC 60383-1:1993 Clause 19 IEC 61109:2008-05 Clause 12.4 Tensile testing machine SN. 01266199 Model No.:SPI-TM-50, S.N: 10020 Stop watch SN: 67 SW02
Ceramic Insulators	Electromechanical failing load test (30 - 270) kN (15 to 150) kV	IEC 60383-1:1993 Clause 18 Tensile testing machine SN.: 01266/99 AC Withstand voltage test system SN:2009/5002 Stop watch SN: 67 SW02

AAA



Schedule of Accreditation  
 Issue To

High Voltage Testing Laboratory  
 Egyptian Company for Manufacturing Electrical Insulators (ECMED) - El Sewedy Electric  
 10<sup>th</sup> of Ramadan City Area (1/4) -South (A-1), Cairo, Egypt

Schedule No.: 210022B 1st Accreditation date: August 15, 2011 Issue No. (3): December 12, 2017 Revision No. (-): Valid to : August 14, 2019

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Ceramic Insulators	- Withstand voltage test	IEC 60383-1:1993 (clause 14)
	- Wet Power frequency Flashover	IEC 60060-1:2010 (clause 4.4)
Ceramic and Polymer Insulators	Galvanizing test (35 - 192) µm	IEC 60383-1:1993 (clause 26)
		IEC 61109:2008-05 Clause 12.5
Ceramic Insulators	Porosity test	IEC 60383-1: 1993 (clause 25)
		Porosity tester SN. 29723 Pressure gauge SN. 0630203400 Stop watch SN: 67 SW02

444

Handwritten signature: Hany El Desouky  
 كورنيش المادي - برج رياض المادي - القاهرة - مصر  
 تليفون : ٢٥٢٧٥٢٢٧ / ٢٥٢٧٥٢٢٤ / ٢٥٢٧٥٢٢٥ / ٢٥٢٧٥٢٢٧  
 فاكس : ٢٥٢٧٥٢٢٤ (٢٠٢)