

Schedule of Accreditation

El Sewedy Transformers Laboratories
El Sewedy Transformers Company
10th of Ramadan city, Industrial Zone A4, Sharqia, Egypt

Schedule No.: 412003 B 1st Accreditation date: March 14, 2013 Issue No. (1): March 14, 2013 Revision No. (2): Nov. 22, 2015 Valid to: March 13, 2017

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used / Main Device
- Power Transformers - Distribution Transformers (Oil & Dry)	Measurement of voltage ratio and check of phase displacement Measurement of winding resistance	IEC 60076-1:2011 IEC 60076-1:2011
	Dielectric routine tests Applied voltage test	Trans ratio meter Model: Trspy, SN.284-223 Model TR-MARK III-250, SN 341-107 Model: Trspy, SN.284-222 Model DXR-2000C, SN 3220 Model DXR-2000C, SN 3221 Model DXR-200C, SN. 3233 Digital Winding resistance meter Model: DWR, SN.199067 Winding resistance meter Model WINDAX, SN 080145 Model WINDAX, SN 080144 Model: DWR-10, SN.304089 Model: DWR-10T, SN. DWR8519 Model: DWR-10T, SN. DWR8515
	Dielectric routine tests Induced voltage withstand test	Resoant AC Test System Model: BG5-1, SN.888453 AC Tester Model: AC -2801, SN.20080109 Power Peak Value Device Model: FZ-9903, SN.20080109
	Dielectric routine tests Induced voltage withstand test	IEC 60076-3:2013 Digital Power analyzer Model: Norma 4000, SN. Y115811 BA Model: LMG450, SN.07270901 Model WT230, SN 9116345431 Model WT1600, SN 911634543 Power and Quality analyzer Model C.A. 8334B, SN.N145893EEH

Harry Besouki

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Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used / Main Device
- Power Transformers - Distribution Transformers (Oil & Dry)	- Measurement of no load losses and current. - Measurements of short circuit impedance and load losses Measurement of the harmonic of the no load current	IEC 60076-1:2011 IEC 60076-1:2000 <u>for power transformers</u> Power analyzer Model: Norma 4000, SN, Y115811 BA Model: LMG450, SN, 072709901 Model: WT230, SN 91J6345431 Model: WT1600, SN 91J634543 Power and Quality analyzer Model C.A. 8334B, SN N145893EEH Partial discharge Calibrator Model JZF-9, SN, 2013-037
Dry Transformers	Induced voltage test with Partial discharge measurements	IEC 60076-1:2013 Power analyzer Model: Norma 4000, SN, Y115811 BA Model: LMG450, SN, 072709901 Model: WT230, SN 91J6345431 Model: WT1600, SN 91J634543 Power and Quality analyzer Model C.A. 8334B, SN N145893EEH Partial discharge Calibrator Model JZF-9, SN, 2013-037

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