

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025
Issued To

United Industries -El Sewedy Laboratory
10th of Ramadan city, industrial zone A4, Sharqia, Egypt

Schedule No.: 20524B

1st Accreditation date: June 20, 2013

Issue No.(2): June 20, 2017

Revision No. (1): April 11, 2018

Valid to: October 31, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used / Main Device
Electrical tests		
Low frequency parameters for telephone cables	LF Parameter measurements: - Electrical resistance of conductor - Mutual Capacitance - Capacitance unbalance	IEC 60189-1:2007 IEC 60189-2:2007 Cable measuring equipment SN: 4330-1
Telephone cables	Insulation resistance measurements	IEC 60189-1:2007 IEC 60189-2:2007 Converting mega ohmmeter AES A 3921 Cortilbod SN. 96037

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Kornish El-Maadi, Riad El-Maadi Tower 1 - Cairo - Egypt

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Industrial Investment Map: <http://invvegypt.com>

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5.3/Mar 2018

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كورنيش المعادي - برج رياض المعادي ١ - القاهرة - مصر

تليفون : ٢٥٢٧٥٢٢٠/٥/٦/٧ (٢٠٢)

فاكس : ٢٥٢٧٥٢٢٤ (٢٠٢)

الصفحة الرسمية لخريطة الاستثمار الصناعي في مصر

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Physical tests	Hot set test -Dumb-bell -Tubular	IEC 60811-507:2012 Electrical Oven SN. 41118690 Electrical Oven SN. 41118467
		IEC 60811-502:2012 IEC 60811-503:2012 Profile projector SN. VCPB0410006 Laser scan micrometer SN. 200665
	-Shrinkage test for insulation -Shrinkage test for Sheaths	4 % ⁽²⁾ Electrical balance SN. 365741/12 Digital caliper SN. GL023058 Digital Stop Watch SN. 014 - Code 39
	-Insulation thickness	Up to 10 mm IEC 60811-201:2012 IEC 60811-202:2012 Profile projector SN. VCPB0410006

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Physical tests Low voltage special cables and wires	Mechanical properties: -Elongation -Tensile strength	IEC 60811-501:2012 Tensile machine SN. 175630/2007/E
	Outer diameter	IEC 60811-203:2012 Laser scan micrometer SN. 200665
	Outer diameter	IEC 60811-203:2012 Digital micrometer SN. 65010194
	Outer diameter	IEC 60811-203:2012 Digital caliper SN. GL023058
Material weight	up to 220 g	ISO 6722-1:2011 Electrical balance SN. 365741/12

- (1): 15% reflects the maximum permanent elongation after cooling, while 175% reflects the maximum elongation under load from the original test specimen length (20mm).
(2): 4% Maximum shrinkage from the original test specimen length (200 mm).
(3): Elongation % of the test specimen from the original length (20 mm).
(4): Force in N of the test specimen, tensile strength will be automated or calculated by dividing the force by the cross sectional area.

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