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Sin El Fil, the 25th of February 2021

Ref: MY/MB/2021/041RT
Ref: AR/MB/2020/035PIL
Project: Electrical Cables Tests Witnessing – Sarafand Hospital

To the Attention of Mr. Samer Hammoud,

Subject: Technical Witnessing Report for the tests of the Electrical Cables

Dear Mr. Hammoud,

Within the scope of our technical witnessing for the tests of the electrical cables, please find hereafter our report related to the project mentioned in reference.

We remain at your service for any information you may require.

Yours sincerely,



Capital 200.000.000 L. L (Entirely Paid) – Register Beirut No. 1006604
Sin El Fil – Fouad Chehab Street - Saint-Georges Center- 5th Floor - Tel/Fax 00 961 1 494402 – 496657
Tripoli - Mohamad Nael Wali El Dine Street –Ahmad Center - Ground Floor



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**TECHNICAL WITNESSING REPORT FOR THE TESTS OF THE
ELECTRICAL CABLES**

Project: Electrical Cables Tests Witnessing – Sarafand Hospital

Author of the Report: Engineer A. Harb

Number of Pages: 4

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REFERENCES:

- IEC 60502-1
- IEC 60228

CABLES CHARACTERISTICS :

Cables Type: Low Voltage Cables

Rated Voltage: 0.6 / 1.0 KV

Cables Size:

NYA/EARTH 150 240 mm²

NYM 2X4, NYM 4X4, NYM 2X6, NYM 4X6, NYM 4X10, NYM 4X16, NYM 4X25 mm²

NYY 4X120 4X150 4X185 mm²

NYY/ FIRE RATED 4X150 mm²

NYY 3X185 mm²

Standard: IEC 60502-1 & IEC 60228

Manufacturer: Mediterranean Cable Co

TESTS COMPLETED FOR THE CABLES ABOVE:

1- PHYSICAL TESTS:

- Conductor construction

Qualiconsult Moyen Orient Opinion: No Comment

- Insulation thickness

Qualiconsult Moyen Orient Opinion: No Comment

- Outer sheath thickness



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Qualiconsult Moyen Orient Opinion: *No Comment*

- *Cable dimensions*

Qualiconsult Moyen Orient Opinion: *No Comment*

2- **ELECTRICAL TESTS:**

- *AC withstand voltage test*

Qualiconsult Moyen Orient Opinion: *No Comment*

- *DC resistance of the conductor*

Qualiconsult Moyen Orient Opinion: *No Comment*

- *Insulation resistance*

Qualiconsult Moyen Orient Opinion: *No Comment*

3- **MECHANICAL TESTS:**

- *Tensile strength of the PVC (phases and outer sheath)*

Qualiconsult Moyen Orient Opinion: *No Comment*

- *Elongation test of the PVC (phases and outer sheath)*

Qualiconsult Moyen Orient Opinion: *No Comment*

Sincerely yours,



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