

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025
Issued To
Gemma Quality Lab
AL EZZ Ceramics & Porcelain Co.S.A.E
7th Industrial Zone, Sadat City
Monofia- Egypt

Schedule No.: 216008B Issue No. (I): May 30, 2017 1st Accreditation date: May 30, 2017 Revision No. (I): April 30, 2018 Valid to: October 31, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements (%)	Standard Specifications / Techniques Used
Ceramic Tiles	Determination of dimension and surface quality	Linear measuring apparatus Manufacturer: ASSOPRINT, S.N.: 09001/LCST0765 Dial gauges (attached to the machine) Manufacturer: Mitutoyo, Code: QC-DA-03-271 to QC-DA-03-276 and QC-DA-03-293 Metal calibration plates Code: QC-DA-03-281 to QC-DA-03-283 and from QC-DA-03-297 to QC-DA-03-300 Vernier caliper Code: QC-LN-03-257
	Determination of water absorption	Vacuum chamber Manufacturer: Ceramic Instrument, Model: VSVD/120, S.N: VDI43 Boiling water absorption apparatus Code: QC-WA-03-265 Balance Manufacturer: RADWAG, Model: WLC20/A2, S.N.: 360748/12

Kornish El-Maadi, Riad El-Maadi Tower 1 - Cairo - Egypt
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5.3/Mar 2018

كورنيش المعادي - برج رياض المعادي 1 - القاهرة - مصر
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Hany El Dosouki

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Ceramic Tiles	Determination of breaking strength and modulus of rupture	ISO 10545-4:2014 Breaking strength equipment Manufacturer: GABBRIELLI, Model: Crometro, S.N.: 127048 Vernier caliper Code: QC-LN-03-220, Code: QC-LN-03-261 Oven Manufacturer: ASSOPRINT, S.N.: 09001/LCSTO470
	Determination of surface abrasion for glazed tiles	ISO 10545-7:1996 Abrasion apparatus Manufacturer: GABBRIELLI, Model: W3B, S.N.: C0907005 Digital light meter Manufacturer: ISO-TECH, Model: I332A, S.N.: 81001883
	Determination of linear thermal expansion	ISO 10545-8:2014 Linear thermal expansion apparatus Manufacturer: Expert system, Model: MISURA&FLEX ODLT 1400-3008, S.N.: GEV31430383-32EEE0509 Vernier caliper Code: LN-03-294
	Determination of crazing resistance (In house freshly fired tiles)	ISO 10545-11:1994 Autoclave Manufacturer: GABBRIELLI, Italy, Model: C6, S.N.: T0702003.

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~~Hany Desouky~~

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