



# Prequalification Document

**An independent laboratory accredited to ISO/IEC 17025 and certified to ISO 9001, ISO 14001 and ISO 18001 for testing on various divisions.**

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**2024**

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# Introduction To Material Lab

Material Lab is a member of the well-known **S. S. Lootah Group** of Companies. SS Lootah Group has been serving UAE since more than 60 years and has played an instrumental role in Nation building. Established in Dubai in 1956, S.S. Lootah Group is a family-owned diversified business house with ventures across key industries from Construction, Real Estate, Energy, Food and Hospitality to Financial Services, Applied Research, ICT, Education and Healthcare among others along with a remarkable portfolio of not-for-profit educational institutions.

With the dynamic changes in Dubai and the increasing demand for quality control and high safety standards in the local construction market; the brilliant minds of S.S. Lootah Group came out with the idea of “Material Lab” which was established in 1996 as an independent accredited testing laboratory.



Since the last 24 years, Material lab has witnessed a phenomenal growth in its services and today we provide advanced testing on wide range of construction and industrial materials, fire testing, geotechnical investigation (onshore/offshore), oil & gas, chemical and environment testing to suit the requirements of local, national and international civil engineering contractors, consultants, manufacturers and government agencies.

Currently, material Lab is a one-stop shop covering a comprehensive scope of material tests further resulting in faster delivery of projects for contractors and consultants.

We are committed to high standards of quality and reliability of the data delivered with an aim to understand the client's needs and deliver the best value to our clients. We invest in the latest equipment and advanced technologies to ensure the accuracy, efficiency and safety of projects. Over recent years we have developed sophisticated operational software packages to ensure efficient management of test requirements and reporting which is available in all of our permanent and field laboratories.

We have a team of enthusiastic, forward thinking, multi-disciplined personnel made up of experienced engineers, field technicians, drilling crews, laboratory technicians and administrative staff.

Being a member of the **S.S Lootah family**, the Material Lab has the advantage of availing technical knowhow and experience from within the group, receiving assistance to find out the best solutions to complicated engineering problems in construction projects.

# Our Services

*We offer a wide range of material testing services and solutions to ensure that we are meeting our customer's needs.*



Construction Material  
Testing



Geotechnical and  
Geophysical Investigation



Environmental and  
Chemical Testing



Fire Resistance and  
Reaction to Fire Testing



Special Material Testing



Structural Assessment and  
Studies

# Construction Material Testing

Our Construction Material testing division offers physical and mechanical analysis of a comprehensive range of materials to achieve certification by complying with current guidelines and building regulations. The testing are carried out in accordance with International Standards and specifications as defined in BS, ASTM, BS EN, AASHTO, CIRIA, DIN, ISO, local building codes and other applicable standards. Our testing capacity ranges from material sampling, basic material classification tests to advanced material mechanics testing. For larger projects, on-site testing facilities are provided for faster access to critical results.

The core services offered includes testing of Concrete, Soil, Aggregates & Rock, Steel & Steel products, Asphalt & Cement.



## Concrete

One of the most common construction materials. We conduct testing on fresh and hardened concrete to ensure that desirable concrete properties are achieved. Our highly skilled technicians can sample fresh concrete to perform slump test, air content, bleeding, density and setting time test on site as well as Lab Trial Mix and Plant Trial. The physical characteristics such as compressive strength and water absorption, Transverse Strength, Flexural Strength can be tested for Cubes, Beams, kerbstone, Masonry Blocks, Paving Blocks &

Core samples. We also offer durability testing for hardened materials with tests such as Carbon dioxide Diffusion, Initial Surface Absorption Test, Rapid Chloride Penetration and Water Permeability tests which forms a common scope used to determine the longevity of concrete in service. Another area of concern is testing for contaminants such as chlorides and sulphates in hardened concrete.





Soils are an extremely complex matrix to analyse. We do tests such as particle size distribution, compaction, plasticity, and linear shrinkage to provide basic classification of the soil. Other tests such as permeability, chemical constituency of soil including organic and inorganic pollutants can assist with assessing soil suitability for specific projects. We also offer more complex soil testing using state of the art testing equipment to handle consolidation and direct shear testing. The main tests performed in the field include compaction control tests, in-situ CBR, plate load test and soil resistivity test.

## Soil

Aggregates are used in a variety of industries for a range of purposes. The physical properties of the aggregates are determined according to standardized test methods for gradation, particle shape and texture. We perform Los Angeles test, Impact, Soundness, Specific Gravity and Crushing tests that help to decide the suitability of the aggregate for use in pavement construction. Cleanliness and presence of deleterious materials in aggregate is found by conducting chemical tests like sulphate & chloride tests, potential alkali reactivity and organic content test. Cements are classified according to their early and final strength as well as their composition, we test the fineness, soundness, consistency and setting time of cement. Chemical analysis



## Aggregate & Cement



Steel is an essential material used in a variety of applications. It is very important to evaluate the chemical composition and mechanical properties to ensure the right grade of steel is used onsite. One of the most common and important tests conducted on steel material is a mechanical properties test that evaluates the material's yield, tensile & elongation properties. The test ultimately indicates the maximum load the material can bear before failure.

## Steel

# Geotechnical and Geophysical

The lab maintains modern drilling rigs, field and laboratory testing equipment designed for all types of geotechnical investigation purposes according to the latest technologies.

Equipment for geophysical studies, as well as mixers and pumps for grouting purposes, are also available at Material Lab.

Material Lab acquires geotechnical data to prepare analytical models to achieve optimum solutions for our client's requirements. Our Lab is equipped to carry out offshore site investigations for projects ranging in size from small projects in shallow water to large projects in relatively deep water. This is performed using self-propelled, self-elevated jack-up barge and drilling rigs specifically designed for this purpose.



The geotechnical services include but are not limited to the following activities:

<b>Geotechnical studies for dams, roads, buildings and retaining structures</b>	<b>Geological surveys including geological and geotechnical mapping</b>	<b>Investigation, monitoring and analysis for slope stability</b>
<b>Electric Cone Penetration Testing (CPTu)</b>	<b>Pressure meter Testing</b>	<b>Packer Permeability Test/ Falling Head Permeability Testing</b>
<b>Percolation/ Double ring infiltrometer test</b>	<b>Soil Electrical Resistivity Testing.</b>	<b>Topographical/ Bathymetric Survey</b>
<b>Acoustic Tele viewer Test</b>	<b>Jean Lutz Drilling Parameters</b>	<b>Geophysical studies</b>
<b>Installation and monitoring of field geotechnical instrumentation</b>	<b>Consultation on special geotechnical studies</b>	<b>Prospecting studies for mining and construction materials</b>



# Environmental and Chemical Testing

Material Lab operates state-of-the-art analytical instruments, tested in accordance to government, regulatory, and industry standards. It is very important to determine the hazards within our environment that can be harmful to people. Material Lab provides market-leading laboratory testing, and monitoring services to tests samples for tracing of chemical compounds and pollutants. Our services cover wide range of industrial companies, environmental consultants, contractors, retailers and government authorities. Our services comprise testing of water, air, soil, waste and other products to assess their quality and impact on health and the environment.

- ◆ Stack Emission Monitoring
- ◆ Ambient Air Quality Monitoring
- ◆ Indoor Air Quality Monitoring
- ◆ Noise Monitoring
- ◆ Lux level Monitoring
- ◆ Heat Stress Monitoring
- ◆ Water Quality Testing:
- ◆ Effluent Analysis: Sludge, Residue and Unknowns Analysis
- ◆ Elemental Trace Analysis
- ◆ Paint Testing
- ◆ Soil, Concrete, Aggregate and cement Testing



# Fire Testing

Material Lab is accredited by EIAC and approved by DCD for resistance and reaction to fire testing.

We have the latest equipment and advanced facility to conduct reaction to fire tests in accordance to EN 13501-1 for material classifications from class A1 to class F, as well as resistance to fire in accordance with BS 476 Part 22, EN 1363, EN 1634, UL and various international test standards.



## The Single Burning Item (SBI)

A method of test that determines the reaction to fire behavior of building products when exposed to the thermal attack by a single burning item.

## The Flooring Radiant Panel Test

Evaluates the propensity of a floor system to spread fire and the smoke development when exposed to intense radiant heat from a gas-fired radiant panel.

## Non-Combustibility Test

This test determines the temperature rise, flaming time and mass loss of specimen inserted into the furnace at 750 °C.

## Fire Resistance

We have the latest 3x3 m test furnace for the fire resistance test.

## Single Flame Source Test

Determining ignitability of building products in the vertical orientation, by direct small flame impingement under zero impressed irradiance.

## Ignition Temperature Test

This bench scale standard is often used to measure the response of materials to heat and flame by determining the Spontaneous Ignition

Temperature and the Flash Ignition Temperature of plastics using a hot-air furnace.

## Some of the products that can be tested against fire resistance:

Boards, Carpets, Coatings, Coverings, Doors, Facade, Floorings, Paints, Panels, Partitions, PV cells, Vermiculux, Wool, and more.



# Special Material Testing

Material Lab is well known in the Middle East region for its unconventional special testing capabilities. In addition to routine construction material testing, Material Lab undertake wide range of material testing for quality assurance, quality control and certification purpose. Top certification companies in the region regularly use services of Material Lab for their product certification programs.

Material Lab is well equipped with highly sophisticated and fully computerized machines to carry out various advanced tests on various materials, some of these are listed below:

- ◊ Geo-textiles
- ◊ Architectural Glass Testing
- ◊ Safety Glass testing
- ◊ Thermal conductivity / U-value of various materials
- ◊ Gypsum Board.
- ◊ Marble / Granite.
- ◊ Glass Fiber Reinforced Concrete (GRC)
- ◊ Water Proofing Membrane.
- ◊ Resins
- ◊ Plastic products
- ◊ Rubber products
- ◊ Packaging Materials
- ◊ Papers
- ◊ Steel Nails,
- ◊ Soft / Filler board
- ◊ Fabrics
- ◊ Wires
- ◊ Structural timber e.g. tensile, static bending, compression etc.
- ◊ Peel off test on adhesives.
- ◊ Safety belts and ropes.
- ◊ Safety helmets & Shoes.
- ◊ Road marking paint
- ◊ Sanitary wares
- ◊ Furniture
- ◊ Pampers / Napkins



# Structural Assessments and Studies

We undertake structural assessment to check the structural integrity and soundness of structures and their components for determining the structural deficiencies that need to be addressed as well as determining potential causes and the extent of structural failures. Our Professional Engineers assess the structural elements ensuring that they will continue to safely perform their intended function. Destructive as well as non-destructive methods are used for assessment of buildings, bridges, tunnels, dams and other industrial structures.



Non-destructive Testing (NDT) consists of a variety of non-invasive inspection techniques used to evaluate material properties, components, or entire process units. Some of the test we offer include Rebound hammer test, Cover meter test, Ultrasonic test, Ground penetrating radar, Impact Echo test & Vibration monitoring. In addition, we can monitor the structural cracks or thermal cracks along with the width and depth measurement. Long term monitoring of structures is also carried out to monitor the behaviour of structures and ensure that they comply with safety requirements.





# **Quality Policy**

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Material Lab

## Quality Policy

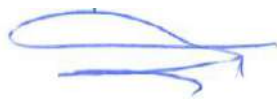
The Management of Material Lab is committed to perform sampling, material testing, calibration, research and investigation in the most efficient and accurate manner in accordance with the internationally recognized standards and the regulations of the local authorities.

Laboratory shall document, establish and maintain a Quality Management system based on the policies, technical requirements and guidelines, set by the ISO/IEC 17025:2017, ISO 9001:2015 and the recognized Accreditation Body. The Quality Management system shall cover all laboratory activities performed in the laboratory or on site.

Management would continually strive towards achieving a high level of reliability in all of our testing practices and results through the use of highly reliable equipment and well-trained personnel.

Management is committed to hear to the customers, identify their needs, deliver solutions and continuously improve on its process and services. At the same time ensure complete customer satisfaction and to foster trust by delivering innovative and sophisticated services.

The Management of Material Lab is committed to place the utmost importance on the integrity, impartiality and potential from conflicts of interests in providing and carrying out its laboratory testing activities and shall ensure not to allow bias, commercial, financial or other pressures to compromise the impartiality



Engr. Ahmad Amer  
General Manager  
13/07/2022



# **Accreditation Certificates**

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Material Lab



## ACCREDITATION CERTIFICATE

**LB-TEST-008**

**Emirates International Accreditation Centre**

has accredited

**MATERIAL LAB**

Al Quoz Industrial Area 4

Dubai - United Arab Emirates

In accordance with the requirements of

**ISO/IEC 17025:2017**

General requirements for the competence of testing and calibration laboratories  
to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity  
period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 07/03/2022 to 06/03/2025

Initial Accreditation Date: 05/02/2004



  
CHIEF EXECUTIVE OFFICER  
APPROVAL



**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-008**

**Material Lab**

**Al Quoz Industrial Area 4, Dubai-United Arab Emirates**

**Dubai- United Arab Emirates**

**Issue no.: 15**

**Date: 22-05-2023**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Water proofing membrane	Standard Test Method for Water Absorption of Plastics	ASTM D570
Mechanical/ Physical	Water proofing membrane	Special Directive for the Assessment of Reinforced Water proof Covering of Atactic Polypropylene (APP) polymer Bitumen and Styrene Butadiene-styrene(SBS) Elastomeric Bitumen-Heat Resistance	European Union of Agreement, UEA tc M.O.AT 30 & 31 Para E
Mechanical/ Physical	Water proofing membrane	Flexible sheets for waterproofing. Determination of tensile properties. Bitumen sheets for roof waterproofing	EN 12311-1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Water proofing membrane	Standard Test Methods for Water Vapor Retarders Used in Contact with Earth under Concrete Slabs, on Walls, or as Ground Cover- Resistance to Puncture	ASTM E154 section 10
Mechanical/ Physical	Water proofing membrane	General Directive for the assessment of Roof Waterproof Systems- Resistance to static Indentation	European Union of Agreement, UEA tc M.O.A.T No. 27 Para 5.1.9

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Water proofing membrane	Flexible sheets for waterproofing Part 1: Bitumen sheets for roof waterproofing – Test for determination of resistance to tearing (nail Shank)	EN 12310-1
Mechanical/ Physical	Water proofing membrane	General Directive for the assessment of Roof Waterproof Systems- Test for resistance to tearing	European Union of Agreement, UEA tc M.O.A.T No. 27 Para 5.4.1

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Mechanical/ Physical	Water proofing membrane	Special Directive for the Assessment of Reinforced Waterproof Covering of Atactic Polypropylene (APP) polymer Bitumen and Reinforce homogenouswaterproof covering of Styrene Butadiene-Styrene (SBS) Elastomer Bitumine Tensile strength at break elongation at Break	European Union of Agreement, UEA tc M.O.A.T No. 30 & 31 Para C
Mechanical/ Physical	Water proofing membrane	Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material Load Strain Properties & Tear strength	ASTM D5147 Clause: 7 & Clause: 8

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Water proofing membrane	Flexible sheets for waterproofing. Determination of thickness and mass per unit area. Bitumen sheets for roof waterproofing	EN 1849-1

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Mechanical/ Physical	Water proofing membrane	Special Directive for the Assessment of Reinforced Water proof Covering of Atactic Polypropylene(APP) Polymer Bitumen and reinforced homogenous water proof covering of Styrene Butadiene-styrene(SBS) Elastomeric Bitumen. Determination of thickness and mass per unit area	European Union of Agreement, UEA tc M.O.A.T No. 30 & 31 Para A & B

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Water proofing membrane	Special Directive for the Assessment of Reinforced Water proof Covering of Styrene Butadiene-styrene(SBS) Elastomeric Bitumen-Reinforcement	European Union of Agreement, UEA tc M.O.AT 31, Para f UEA technical guide for the assessment of roof water proofing system Method A
Mechanical/ Physical	Water proofing membrane	Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes	ASTM D4073
Mechanical/ Physical	PVC water Stopper	Method of testing plastics, Mechanical properties, Tensile strength, Elongation and Elastic Modulus- Tensile strength and elongation test	BS 2782 Part 3 Method 320C

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	PVC water Stopper	Standard Test Method for Rubber Property- Durometer Hardness Shore A hardness	ASTM D2240 Shore A
Mechanical/ Physical	Geo Synthetics/ Geotextiles	Geo synthetics. Static puncture test (CBR test)	BS EN ISO 12236
Mechanical/ Physical	Geo Synthetics/ Geotextiles	Standard Test Method for Index Puncture Resistance of Geomembranes and Related Products	ASTM D4833
Mechanical/ Physical	Geo Synthetics/ Geotextiles	Standard Test Method for Trapezoid Tearing Strength of Geotextiles	ASTM D4533

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Hardened Concrete	Testing hardened concrete. Depth of penetration of water under pressure	BS EN ISO 12390 Part 8
Mechanical/ Physical	Hardened Concrete	Testing concrete; testing of hardened concrete (specimens prepared in mould) Depth of penetration of water under pressure	DIN 1048 Part 5
Mechanical/ Physical	Hardened Concrete	Standard Test Method for Low Strain Impact Integrity Testing of Deep Foundations	ASTM D5882

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Hardened Concrete	Testing concrete Part 122: Method for determination of water absorption	BS 1881 Part 122
Mechanical/ Physical	Hardened Concrete	Part 111: Method of normal curing of test specimens (20°C method) Part 114: Methods for determination of density of hardened concrete Part 116: Method for determination of compressive strength of concrete cubes	BS 1881 Part 111 AMD 9387 BS 1881 Part 114 AMD 6721 BS 1881 Part 116 AMD 6097 & AMD 6720

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Hardened Concrete	Testing concrete Part 208: Recommendations for the determination of the initial surface absorption of concrete	BS 1881 Part 208
Mechanical/ Physical	Hardened Concrete	Testing hardened concrete Part 2: Making and curing specimens for strength tests	BS EN ISO 12390 Part 2
Mechanical/ Physical	Steel	Specification for Carbon steel bars for the reinforcement of concrete- Steel bend tests	BS 4449 Appendix C, Clause C.1.6.1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Steel	Specification for Carbon steel bars for the reinforcement of concrete- Steel tensile strength test	BS 4449 Annex E Clause E.1.4 BS EN 10002-1
Mechanical/ Physical	Steel	Specification for Carbon steel bars for the reinforcement of concrete- Steel re-bend tests	BS 4449 Annex E Clause E.1.6
Mechanical/ Physical	Steel	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification Steel for the reinforcement and pre stressing of concrete. Test methods.	BS 4449 +A3 BS EN ISO 15630 - 1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Steel	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification Steel for the reinforcement and pre stressing of concrete. Test methods. Reinforcing bars, wire rod and wire Tensile & Elongation	BS 4449 +A3 BS EN ISO 15630 - 1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for soils for civil engineering purposes Part 9: In-situ tests (Sand replacement method suitable for fine, medium and coarse grained soils (large and small pouring cylinder method)	BS 1377 Part 9 Clause 2.1 & Clause 2.2 AMD 8264

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for Soils for civil engineering purposes Part 4: Compaction-related tests. Determination of the California bearing ratio (CBR): - Preparation of test sample - Soaking	BS 1377 Part 4 Clause 7 AMD 13925

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for Soils for civil engineering purposes Part 2: Classification tests Determination of the liquid limit - Cone penetrometer method (definitive method)	BS 1377 Part 2 Clause 4.3 AMD 9027

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	<p>Methods of test for Soils for civil engineering purposes</p> <p>Part 4: Compaction-related tests.</p> <p>Determination of dry density/moisture content relationship:</p> <ul style="list-style-type: none"> <li>- Method using 4.5 kg rammer for soils with particles up to medium-gravel size</li> <li>- Method using 4.5 kg rammer for soils with some coarse gravel-size particles</li> </ul>	<p>BS 1377 Part 4 Clause 3.5 and Clause 3.6</p> <p>AMD 13925</p>

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for Soils for civil engineering purposes Part 2: Classification tests Determination of particle size distribution- Wet sieving method & Dry Sieving Method	BS 1377 Part 2 Clause 9.2 & Clause 9.3 AMD 9027
Mechanical/ Physical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests Determination of Plastic Limit and Plasticity Index - Method for plastic limit - Derivation of plasticity index and liquidity index	BS 1377 Part 2 Clause 5.3 & Clause 5.4 AMD 9027

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Aggregate	Testing aggregates Part 103: Methods for determination of particle size distribution Section 103.1 Sieve tests	BS 812 Part 103 Section 103.1 Clause 7.2 and 7.3 AMD 6003
Mechanical/ Physical	Aggregate	Standard Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C117
Mechanical/ Physical	Aggregate	Standard Test Method for Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	ASTM C127

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Mechanical/ Physical	Aggregate	Standard Test Method for Relative Density (Specific Gravity), and Absorption of Fine Aggregate	ASTM C128
Mechanical/ Physical	Aggregate	Testing aggregates Part 105: Methods for determination of particle shape Section 105.1 Flakiness index	BS 812 Part 105 Section 105.1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Aggregate	Testing aggregates Part 105: Methods for determination of particle shape Section 105.2 Elongation index of coarse aggregate	BS 812 Part 105 Section 105.2
Mechanical/ Physical	Blocks	Precast concrete masonry units Part 1: Specification for precast concrete masonry units- Measurement of dimension	BS 6073 Part 1 Appendix A AMD 4462

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**Construction Materials Testing**  
**LB-TEST-008**

**Material Lab**

**Al Quoz Industrial Area 4, Dubai-United Arab Emirates**

**Dubai- United Arab Emirates**

**Issue no.: 15**

**Date: 22-05-2023**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Blocks	Precast Concrete Masonry Units Part 2: Method For Specifying Precast Concrete Masonry Units- Routine rapid control test of compressive strength of blocks by manufacturer (fibre board test)	BS 6073 Part 2 Appendix B AMD 4508
Mechanical/ Physical	Blocks	Precast concrete paving blocks Part 1: Specification for paving blocks- Determination of Compressive strength	BS 6717 Part 1 Annex B

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Blocks	Precast concrete paving blocks Part 1: Specification for paving blocks- Measurement of dimension and plan area	BS 6717 Part 1 Annex A
Mechanical/ Physical	Blocks	Precast concrete masonry units - Part 2: Method for specifying precast concrete masonry units Determination of Concrete Density of Hollow Block	BS 6073 Part 2 Annex C AMD 4508

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Rock Core	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012 Method C
Mechanical/ Physical	Rock Core	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543

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Type of Activity	Test Materials/Products	Test Name	Test Method
Thermal	Architectural Glass	Glass in building. Determination of thermal transmittance (U value). Calculation method	EN 673 / Ashrae
Thermal	Architectural Glass	Glass in building. Determination of luminous and solar characteristics of glazing Determination of solar direct transmittance, Direct reflectance, Direct Absorptance, total solar energy transmittance, shading Co-efficient	EN 410 Clause 4.4

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Type of Activity	Test Materials/Products	Test Name	Test Method
Thermal	Architectural Glass	Glass in building. Determination of luminous and solar characteristics of glazing Determination of visible light properties (light transmittance, light reflection)	EN 410 Clause 4.2 & Clause 4.3
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical tests Determination of the sulphate content of soil (Acid Soluble & Water Soluble)	BS 1377 Part 3+A1 Clause 7

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical tests- Determination of the organic matter content	BS 1377 Part 3 Clause 4
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical tests Determination of the chloride (Acid Soluble & Water Soluble)	BS 1377 Part 3 Clause 9

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for Soils for civil engineering purposes Part 3: Chemical and electro-chemical tests Determination of the pH value	BS 1377 Part 3 Clause 12
Chemical	Soil	Total Dissolved Solids of Soil	SOP31/Earth Manual (Designation E-8)
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing Carbonate Content of Soil	BS 1377 Part 3+A1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ground Water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical tests- Determination of pH value	BS 1377 Part 3+A1 Clause 12
Chemical	Ground Water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical tests Determination of the sulphate content ground water	BS 1377 Part 3 Clause 7

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ground Water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical tests- Determination of the chloride content	BS 1377 Part 3+A1 Clause 9
Chemical	Concrete cubes	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	ASTM C1202
Chemical	Carbon low alloy steels	Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry for C, S, P, N, Mn ,Cr, Mo, V, Ni, Cu+(CEV)	MLD GMS based on ASTM E415

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Resistance	Non load bearing Concrete blocks, Wall	Fire resistance tests for non-load bearing elements. Part 1. Walls Performance criteria Integrity ,Insulation and Radiation	BS EN 1364-1 Including the relevant requirements of BS EN 1363-1 and BS EN 1363-2
Fire Resistance	Doors, Shutters and open able windows	Fire resistance and smoke control tests for door and shutter assemblies, open able windows and elements of building hardware. Fire resistance test for door and shutter assemblies and open able windows Performance criteria Integrity ,Insulation and Radiation	BS EN 1634-1 Including the relevant requirements of BS EN 1363-1 and BS EN 1363-2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Resistance	Building materials and structures	Fire tests on building materials and structures- method for determination of the fire resistance of elements of construction (general principles) (non load bearing only) Performance criteria Integrity ,Insulation and Radiation	BS 476.20

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Resistance	Building materials and structures	Fire tests on building materials and structures- method for determination of the fire resistance of non-load bearing elements of construction Performance criteria Integrity ,Insulation and Radiation	BS 476.22
Fire Resistance	Building materials and structures	Fire-resistance tests - Elements of building construction - Part 1: General requirements (non load bearing only) Performance criteria Integrity ,Insulation and Radiation	ISO 834-1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Resistance	Building materials and structures	Fire-resistance tests -- Elements of building construction -- Part 8: Specific requirements for non-load bearing vertical separating elements Performance criteria Integrity ,Insulation and Radiation	ISO 834-8
Fire Resistance	Doors and shutters	Fire resistance tests- Door and shutter assemblies. Performance criteria Integrity ,Insulation and Radiation	ISO 3008

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Resistance	Building construction – glazed elements	Fire-resistance tests - Elements of building construction - Glazed elements Performance criteria Integrity ,Insulation and Radiation	ISO 3009
Fire Testing for Building Materials and Products	Door Assemblies	Fire Tests of Door Assemblies	UL 10B
Fire Testing for Building Materials and Products	Door Assemblies	Positive Pressure Fire Tests of Door Assemblies	UL 10C
Fire Testing for Building Materials and Products	Building materials and structures	Fire tests of building construction and materials (non-load bearing vertical elements only)	UL 263

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Testing for Building Materials and Products	Building materials and structures	Standard Test Methods for Fire Tests of Building Construction and Materials (non-load bearing vertical elements only)	ASTM E119
Application of Hose Stream	Building materials and structures	Standard Practice for Application of Hose Stream	ASTM E2226
Reaction to Fire	Building Products	Reaction to fire tests for floorings Part 1: Determination of the burning behaviour using a radiant heat source	BS EN ISO 9239 Part 1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Building Products	Reaction to fire tests — Ignitability of products subjected to direct impingement of flame Part 2: Single-flame source test	EN ISO 11925 Part 2
Reaction to Fire	Building Products	Reaction to fire tests for products — Determination of the gross heat of combustion (calorific value)	BS EN ISO 1716
Reaction to Fire	Building Products	Reaction to fire tests for products — Non-combustibility test	BS EN ISO 1182

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Building Products	Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item	BS EN 13823+A1
Reaction to Fire	Building Products	Standard Test Method for Determining Ignition Temperature of Plastics	ASTM D1929
Reaction to Fire	Building Products	Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source	ASTM E648

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Building Products	Reaction to Fire Test: Fire Tests for Flame Propagation of Textiles and Films	NFPA 701 (2023) (method 1 & method 2) excluding accelerated dry cleaning and accelerated laundering procedures
Reaction to Fire	Building Products	Furniture. Assessment of the ignitability of upholstered furniture - Ignition source smouldering cigarette	BS EN 1021 Part 1
Reaction to Fire	Building Products	Furniture. Assessment of the ignitability of upholstered furniture. Ignition source match flame equivalent	BS EN 1021 Part 2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Building Products	Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources	BS 5852
Reaction to Fire	Building Products	Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests	EN 13501 Part 1
Reaction to Fire	Building Products	Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites	BS 7176+A1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Building Products	Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C	ASTM E136

Accreditation History		
Issue no.	Details	Date
15	Extension in scope (add Chemical-Soil: Total Dissolved Solids of Soil & Carbonate Content of Soil) and Reaction to Fire tests	22-05-2023
14	Renewal accreditation and voluntarily reduction in the scope (remove Building Products tests)	07-03-2022
13	Renewal accreditation and first issuance under the name of Eiac (which formally was known as DAC)	07-03-2019

**Accreditation Scope**  
**Geotechnical Investigation**  
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**Issue no.: 05**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Rock	Code of practice for site investigations Section 6: Description of soils and rocks- Description of rock masses- Rock quality designation	BS 5930 Clause 44.4.4 A2
Physical / Mechanical	Rock	Code of practice for site investigations Section 6: Description of soils and rocks- Description of rock masses- Core recovery	BS 5930 Clause 44.4.4 A2
Physical / Mechanical	Rock	Code of Practice for Site Investigations- Geotechnical Reporting Section 7: Reporting	BS 5930 Section 7 A2 (Factual Reporting only)

**Accreditation Scope**  
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**Issue no.: 05**

**Date: 07-03-2022**

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Rock Core	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012 Method C
Mechanical/ Physical	Rock Core	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543

**Accreditation Scope**  
**Geotechnical Investigation**  
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**Issue no.: 05**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Ground Water	Code of practice for site investigations- Ground water level measurement Section 3: Field investigations- Methods of determining groundwater pressures Section 4: Field tests- Observation wells Section 7: Reports and interpretation- Descriptive report	BS 5930 Clause 23.2 & Clause 27.5 & Clause 47.2.7 A2
Physical / Mechanical	Ground Water	Code of practice for site investigations Section 3: Field investigations- Groundwater samples	BS 5930 Clause 23.3 A2

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**Issue no.: 05**

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Soil Investigation	Methods of test for soils for civil engineering purposes Part 9: In-situ tests In Situ penetration test- Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	BS 1377 Part 9 Section 3.3 AMD 8264
Physical / Mechanical	Soil Investigation	Code of practice for site investigations Section 3: Field investigations- Soil Sampling: • Light cable percussion boring Split barrel Sampling	BS 5930 Clause 20.5 and Clause 22 A2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Soil Investigation	Code of practice for site investigations Section 6: Description of soils and rocks- Soil Description • Description of soils Description and classification of rocks	BS 5930 Section 41 & 44 Clark and Walker A2

Accreditation History		
Issue no.	Details	Date
05	Renewal accreditation and extension in the scope (add Rock Core tests)	07-03-2022
04	Renewal accreditation and first issuance under the name of EIAC (which formally was known as DAC)	07-03-2019

**Accreditation Scope**  
**Environmental Testing**  
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**Issue no.: 07**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water/ Waste Water	pH	APHA-AWWA-WEF 4500 H+
Chemical	Water/ Waste Water	Total Suspended Solids	APHA-AWWA-WEF 2540 D
Chemical	Water/ Waste Water	Biochemical Oxygen Demand	APHA-AWWA-WEF 5210
Chemical	Water/ Waste Water	Chemical Oxygen Demand	APHA-AWWA-WEF 5220 B
Chemical	Water/ Waste Water	Total Dissolved Solids	APHA-AWWA-WEF 2540C
Chemical	Water/ Waste Water	Determination of Metals and LOQ:	
Chemical	Water/ Waste Water	Cu: 0.25 mg/L	APHA-AWWA-WEF 3120B
Chemical	Water/ Waste Water	Pb: 0.036 mg/L	
Chemical	Water/ Waste Water	Cd: 0.03 mg/L	
Chemical	Water/ Waste Water	Zn: 0.028mg/L	
Chemical	Water/ Waste Water	Ni : 0.024 mg/L	

**Accreditation Scope**  
**Environmental Testing**  
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**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water/ Waste Water	Determination of Metals and LOQ:	
Chemical	Water/ Waste Water	Cr: 0.03mg/L	APHA-AWWA-WEF 3120B
Chemical	Water/ Waste Water	Fe: 0.024 mg/L	
Chemical	Water/ Waste Water	Co: 0.01 mg/L	
Chemical	Water/ Waste Water	Mn: 0.022 mg/L	
Chemical	Water/ Waste Water	Ag : 0.09 mg/L	
Chemical	Water/ Waste Water	Cu: 0.004 mg/L	
Chemical	Water/ Waste Water	Pb: 0.01 mg/L	
Chemical	Water/ Waste Water	Zn: 0.007mg/L	
Chemical	Water/ Waste Water	Ni: 0.01 mg/L	
Chemical	Water/ Waste Water	Cr: 0.014mg/L	
Chemical	Water/ Waste Water	Fe: 0.024 mg/L	

**Accreditation Scope**  
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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water/ Waste Water	Determination of Metals and LOQ:	
Chemical	Water/ Waste Water	Mn; 0.005 mg/L	APHA-AWWA-WEF 3120B
Chemical	Water/ Waste Water	Ag : 0.011 mg/L	

Accreditation History		
Issue no.	Details	Date
07	Renewal accreditation in the field of Environmental Testing	07-03-2022
06	Renewal accreditation and first issuance under the name of	07-03-2019

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-008**

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**Issue no.: 01**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Ambient Air	Total Suspended Particulate Matter (TSPM)	Internal method SOP-ENVT- 010 Based on US EPA - 40 CFR, Part 50, Appendix B
Air Quality Monitoring	Ambient Air	Respirable Particulate Matter (RSPM)	Internal method SOP-ENVT- 010 Based on US EPA- 40 CFR, Part 50, Appendix J
Air Quality Monitoring	Ambient Air	Non Respirable Particulate Matter- NRSPM	Internal method SOP-ENVT- 010 Based on US EPA - 40 CFR, Part 50, Appendix B
Air Quality Monitoring	Ambient Air	Sulphur Dioxide (SO <sub>2</sub> )	Internal method SOP-ENVT- 009 Based on US EPA - Designated
Air Quality Monitoring	Ambient Air	Nitrogen Dioxide (NO <sub>2</sub> )	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
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Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Ambient Air	Carbon Dioxide (CO <sub>2</sub> )	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Ambient Air	Ozone (O <sub>3</sub> )	Internal method SOP-ENVT- 008 Based on CBCP India, Vol.No.1 (National Ambient Air Quality Series,NAAQMS/36/2012-13)
Air Quality Monitoring	Ambient Air	Ammonia (NH <sub>3</sub> )	Internal method SOP-ENVT- 016 Based on NIOSH 6015
Air Quality Monitoring	Ambient Air	Hydrogen Sulfide (H <sub>2</sub> S)	Internal Method SOP_ENVT-005 Based on USEPA EQS-0775-002

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Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Ambient Air	Carbon Monoxide (CO)	Internal method SOP-ENVT- 013 Based on ISO 14644-8
Air Quality Monitoring	Ambient Air	Temperature	BS EN 60079-29-2
Air Quality Monitoring	Ambient Air	Total Volatile Organic Compound (TVOC)	Internal Method SOP-ENVT-011 Based on NIOSH 2549
Air Quality Monitoring	Ambient Air	Humidity	BS EN 60079-29-2
Air Quality Monitoring	Indoor Air	Particulate Matter $\mu\text{m}$ size (PM0.3, PM0.5, PM1.0, PM2.5, PM5.0, PM10, TSP) in Indoor	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 1
Air Quality Monitoring	Indoor Air	Sulphur Dioxide (SO <sub>2</sub> )	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
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Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Indoor Air	Nitrogen Dioxide (NO <sub>2</sub> )	Internal method SOP- ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Carbon Monoxide (CO)	Internal method SOP- ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Carbon Dioxide (CO <sub>2</sub> )	Internal method SOP- ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Oxygen (O <sub>2</sub> )	Internal method SOP- ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Ozone (O <sub>3</sub> )	Internal method SOP- ENVT- 013 Based on ISO 14644 Part 8

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Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Indoor Air	Ammonia (NH <sub>3</sub> )	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Hydrogen Sulfide (H <sub>2</sub> S)	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Total VOC	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Formaldehyde (HCHO)	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8
Air Quality Monitoring	Indoor Air	Humidity & Temperature	Internal method SOP-ENVT- 013 Based on ISO 14644 Part 8

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
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Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Microbial	Bio aerosol Sampling for Total Bacteria Count and Yeast & Mold Count	Internal method SOP-ENVT- 012 Based on NIOSH 801 Sampling Procedure
Air Quality Monitoring	Stack / Flue gas Emission	Determination of stack gas Velocity, Temperature, Pressure and volumetric flow rate	Internal method SOP-ENVT- 015 Based on US EPA-Method 2
Air Quality Monitoring	Stack / Flue gas Emission	Determination of stack gas Moisture	Internal method SOP-ENVT- 015 Based on US EPA-Method 2
Air Quality Monitoring	Stack / Flue gas Emission	Determination of stack gas Pressure and Temperature	Internal method SOP-ENVT- 015 Based on US EPA-Method 17
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Sulphur Dioxide (SO <sub>2</sub> )	Internal method SOP-ENVT- 014 Based on US EPA-Method 6C

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-008**

**Material Lab**

**Al Quoz Industrial Area 4, Dubai-United Arab Emirates**

**Dubai- United Arab Emirates**

**Issue no.: 01**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Nitrogen Dioxide (NO <sub>2</sub> )	Internal method SOP-ENVT- 014 Based on EPA-Method 7E
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Oxygen (O <sub>2</sub> )	Internal method SOP-ENVT- 014 Based on US EPA-Method 3C
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Carbon Dioxide (CO <sub>2</sub> )	Internal method SOP-ENVT- 014 Based on US EPA-Method 3C
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Carbon Monoxide (CO)	Internal method SOP-ENVT- 014 Based on US EPA-Method 10
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Volatile Organic Compound(VOC)	Internal Method SOP-ENVT-006 Based on EPA-Method 00331

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-008**

**Material Lab**

**Al Quoz Industrial Area 4, Dubai-United Arab Emirates**

**Dubai- United Arab Emirates**

**Issue no.: 01**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Heavy Metals	Internal Method SOP-ENVT-006 Based on EPA-Method 26:20016
Air Quality Monitoring	Stack / Flue gas Emission	Determination of Hydrocarbons	Internal method SOP-ENVT- 014 Based on US EPA - Method 3C
Physical	Noise Level	Acoustics-Description, measurement and assessment of	Internal method SOP-ENVT- 004 Based on ISO 1996 Part 2
Physical	Noise Level	Acoustics- Determination of Occupational Noise Exposure	Internal method SOP-ENVT- 004 Based on ISO 1996 Part 2
Physical	Light Intensity	Intensity Illumination Level	SOP-ENVT-003 Based on BS 667 AS/NZS 1680.2.4

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-008**

**Material Lab**

**Al Quoz Industrial Area 4, Dubai-United Arab Emirates**

**Dubai- United Arab Emirates**

**Issue no.: 01**

**Date: 07-03-2022**

**Valid to: 06-03-2025**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Heat Stress	Determination of Heat Stress at work place	SOP-ENVT-002 Based on OSHA Technical Manual 2017 Chapter 4

Accreditation History		
Issue no.	Details	Date
01	Granted accreditation from EIAC in the field of Air Quality Monitoring Testing	07-03-2022



UNITED ARAB EMIRATES  
MINISTRY OF INDUSTRY  
& ADVANCED TECHNOLOGY



# شهادة الاعتماد Accreditation Certificate

Conformity Assessment Body's ID: (NAL O38)

Material Lab Testing Services L.L.C  
Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi,  
United Arab Emirates

Accredited according to the International Standard ISO/IEC  
17025<sub>1</sub> to undertake tests as specified in the attached  
Accreditation Scope.

Accredited on: 03/03/2011

Expires on: 03/09/2026

الرمز التعريفي لجهة تقييم المطابقة: (NAL O38)

ماتيريال لاب لخدمات الفحص ذ.م.م  
مصفح م 2 ، أبو ظبي ، الإمارات العربية المتحدة، ابوظبي، الإمارات العربية  
المتحدة

حاصل على الإعتماد لطرق الفحص الواردة في وثيقة المجال المرفقة وفقاً  
للمواصفة الدولية ISO/IEC 17025<sub>1</sub>

تاريخ منح الاعتماد: 2011/03/03

تاريخ الانتهاء: 2026/09/03

1 Accreditation in accordance with the International Standard ISO/IEC  
17025:2017 "General requirements for the competence of testing and calibration  
laboratories" and the relevant ENAS and ILAC requirements.

This certificate is invalid without the attached scope of accreditation, which  
subjected to annual surveillances as per ENAS procedure. Certificate can be  
updated or re-issued until the expiry date defined above. The validity of the  
certificate is subjected to continuous compliance with the requirements of the  
accreditation system. The lab is responsible for the results of its testing.

This is an electronic certificate and does not require stamp and signature.  
Certificate will be invalid in case of any modification.

Initial Accreditation Date: 03/03/2011

1 وفقاً لمتطلبات المواصفة الدولية ISO/IEC 17025:2017 "المتطلبات العامة لكفاءة مختبرات  
الفحص والمعايرة" والمتطلبات ذات العلاقة الخاصة بنظام الإعتماد الوطني الإماراتي ENAS والمنظمة  
الدولية لاعتماد المختبرات ILAC.

مجال الاعتماد جزء أساسي من هذه الشهادة حيث تخضع مجالات الاعتماد المذكورة في الوثيقة المرفقة  
لعمليات متابعة لاحقة من قبل نظام الإعتماد الوطني الإماراتي ENAS، وتعتبر هذه الشهادة صالحة وقابلة  
للتحديث وإعادة الاصدار حتى تاريخ الانتهاء المدون اعلاه شريطة استمرار المختبر المذكور اعلاه في  
تطبيق متطلبات نظام الاعتماد سالف الذكر. يتحمل المختبر مسؤولية نتائج الفحص الصادرة عنه.

هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

تاريخ منح الإعتماد لأول مرة: 2011/03/03





# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Testing Field	Materials/ Products Tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Physical	Hardened Concrete	Method of normal curing of test specimens (20°C method)	BS 1881-111 Amd. 9387:1997 (Supersede)	P
Physical	Hardened Concrete	Methods for determination of density of hardened concrete	BS 1881-114 Amd. 6721:1989 (Supersede)	P
Physical	Hardened Concrete	Method for determination of compressive strength of concrete cubes	BS 1881-116 AMD. 6720: :1991 (Supersede)	P
Physical	Hardened Concrete	Shape, dimensions and other requirements for specimens and molds	BS EN 12390- 1:2021	P
Physical	Hardened Concrete	Making and curing specimens for strength tests	BS EN 12390- 2:2019	P

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هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Physical	Hardened Concrete	Compressive strength of test	BS EN 12390-3:2019	P
Physical	Hardened Concrete	Density of hardened concrete	BS EN 12390-7:2019	P
Physical	Hardened Concrete	Determination of Compressive Strength of Concrete Core	BS EN 12390-3:2019 BS EN 12504-1:2019	P
Physical	Hardened Concrete	Determination of Initial Surface Absorption of Concrete	BS 1881-208:1996	P
Physical	Hardened Concrete	Water Absorption Test	BS 1881-122:2011+A1:020	P
Physical	Hardened Concrete	Determination of Depth Penetration of Water Under Pressure	BS EN 12390-8:2019	P
Physical	Hardened Concrete	Determination of Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	ASTM C 1202:2022	P

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# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Physical	Soil	Determination of Dry Density Moisture Content Relationship using 4.5 kg Rammer for Coarse & Medium	BS 1377-2:2022 Clause 11.5 & 11.6	P
Physical	Soil	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort	ASTM D 1557-12 (2021)	P
Physical	Soil	Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.)	AASHTO T 180:2021	P
Physical	Soil	In-situ Density by Sand Replacement Method	BS 1377-9:1990, Cl. 2.2 AMD 8264 1995	S/P
Physical	Soil	Density of Soil In-Place by the Sand-Cone Method	ASTM D 1556-15	S/P
Physical	Soil	Density of Soil In-Place by the Sand-Cone Method	AASHTO T191:2022	S/P

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# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Physical	Soil	California Bearing Ratio	BS 1377-2:2022 Clause 15	P
Physical	Soil	California Bearing Ratio	ASTM D 1883-21	P
Physical	Soil	California Bearing Ratio	AASHTO T 193:2022	P
Physical	Soil	Laboratory Determination of Moisture Content of Soils	AASHTO T 265:15(Reapproved 22)	P
Physical	Soil	Liquid Limit, Plastic Limit, & Plasticity Index of Soils	ASTM D 4318-2017	P
Physical	Soil	Liquid Limit, Plastic Limit, & Plasticity Index of Soils	AASHTO T 89:2021 & AASHTO T 90:22	P
Physical	Aggregate	Particle Size Analysis	ASTM C 136-19	P
Physical	Aggregate	Particle Size Analysis	AASHTO T 27:22	P
Civil engineering	Soil	Determination of Cone Penetration Test (CPT)	BS 1377-9:1990, Cl. 3.1 AMD 8264 1995	S
Civil engineering	Soil	Determination of Standard Penetration Test (SPT)	BS 1377-9:1990, Cl. 3.3 AMD 8264 -1995	S

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# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Civil engineering	Core	Rotary Core Drilling	BS 5930:2015+A1:2020 Section:6	S
Civil engineering	Soil	Soil Sampling	BS 5930:2015+A1:2020 Cl. 25	S
Civil engineering	Water	Ground Water Level Measurement	BS 5930:2015+A1:2020 - Section 4	S
Civil engineering	Water	Ground Water Sampling	BS 5930:2015+A1:2020 - Section 4	S
Civil engineering	Soil	Particle Size Distribution by Sieve Analysis	BS 1377-2:1990, Cl. 9.2 & 9.3 Amd 9027:1996	P
Civil engineering	Soil	Particle Size Distribution by Hydrometer Method	BS 1377-2:1990, Cl. 9.5 Amd 9027:1996	P
Civil engineering	Soil	Liquid Limit, Plastic Limit, & Plasticity Index of Soils	BS 1377-2:1990, Cl. 4.3, 4.4, 5.3 & 5.4 AMD 9027:1996	P
Civil engineering	Soil	Determination of Water (Moisture) Content of soil by mass	BS 1377-2:2022: Clause 4.1 / BS EN 17892- 1:2014+A1:2022	P

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# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Civil engineering	Core	Unconfined Compressive Strength (UCS)	ASTM D 7012:2014e1 (Method C)	P
Civil engineering	Core	Preparation of Rock Core	ASTM D 4543-19	P
Civil engineering	Core	Determination of Water (Moisture) Content of soil and rock by mass	ASTM D 2216-19	P
Civil engineering	Soil & Rock	Soil & Rock Description	BS 5930:2015+A1:2020 – Cl.33 & Cl.36	P
Civil engineering	Core	Core Recovery	BS 5930:2015+A1:2020 – Cl.36.4.4	P
Civil engineering	Core	Rock Quality Designation	BS 5930:2015+A1:2020 – Cl.36	P
Civil engineering	Reporting	Code of Practice for Site Investigation Geotechnical Reporting	BS 5930:2015+A1:2020 – Cl.63	P
Civil engineering	Soil	Acid Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Clause 9.3	P

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# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Civil engineering	Soil	Acid Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Clause 7.9/ 7.6	P
Civil engineering	Soil	Water Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Clause 9.2	P
Civil engineering	Soil	Water Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Clause 7.3/ 7.6	P
Civil engineering	Soil	pH of Soil	BS 1377-3:2018+A1:2021 Clause 12	P
Civil engineering	Water	pH of Ground Water	BS 1377-3:2018+A1:2021 Clause 12	P
Civil engineering	Water	Sulphate Content of Ground Water	BS 1377-3:2018+A1:2021 Clause 7.8/ 7.6	P
Civil engineering	Water	Chloride Content of Ground Water	BS 1377-3:2018+A1:2021 Clause 9.2	P
Non-Destructive Testing	Concrete	Measurement of Velocity of Ultrasonic Pulses in Concrete	BS EN 12504-4:2021	S
Non-Destructive Testing	Concrete	Determination of Pull Off Stength	BS 1881-207:1992, Cl. 8	S

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# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Non-Destructive Testing	Concrete	Concrete Surface Hardness Test by Rebound Hammer	BS EN 12504-2:2021	S
Non-Destructive Testing	Concrete	Pull out Test of Anchor	BS 8539-2012+A1:2021, Annex B3	S
Non-Destructive Testing	Concrete	Pull out Test of Rebar	BS 1881-207:1992, Cl. 7	S
Pipe -UPVC	Pipe-UPVC	Tensile and Elongation	ISO 6259 -2:2020 ISO 6259-1 :2015	S
Pipe -UPVC	Pipe-UPVC	Heat Reversion	ISO 2505:2005	S
Insulation Material -U Foam	Insulation Material - U Foam	Compression testing of Cellular Plastics	ASTM D 1621:2016	S
Geophysical	Rocks & Soil	Multichannel Analysis of Surface Waves (MASW)	In-house Method (ML GMS-0166)	S
Geophysical	Rocks & Soil	Seismic Cross Hole Testing	ASTM D4428:2014	S
Geophysical	Rocks & Soil	Seismic Down Hole Testing	ASTM D7400:2017	S
Chemical	Water & Waste Water	Determination of pH	APHA 4500 H:2022 24th edition	P
Chemical	Water & Waste Water	Total Dissolved Solids	APHA 2540 C:2022 24th edition	P

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هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



# Accreditation Scope

**Material Lab Testing Services L.L.C, NAL O38**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates**

**Issue Date: 22/10/2023**

**Expiry Date: 03/09/2026**

**Issue No: 7**

Chemical	Water & Waste Water	Total Suspended Solids	APHA 2540 C:2022 24th edition	P
Chemical	Water & Waste Water	Nitrogen, Ammonia	Salicylate Hach Method 8155 (MLD GMS 053)	P
Chemical	Water & Waste Water	Nitrite	Diazotization Hach Method 8507 (MLD GMS 051)	P
Chemical	Water & Waste Water	Nitrate	Cadmium Reduction Hach Method 8039 (MLD GMS 052)	P
END				

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هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشف أو تغيير في هذه الشهادة يلغيها.

## **Other Certificates**

ماتیریل لیب  
Material Lab



# Certificate

SWISS CERT Pvt. Ltd. hereby certify that the Environmental Management System of

## **MATERIAL LAB**

**PO BOX: 114717, AL QUOZ INDUSTRIAL AREA 4, DUBAI,  
UNITED ARAB EMIRATES**

has been assessed and found to be in accordance with the requirements of

## **Environmental Management System ISO 14001:2015**

and scope of activities are detailed below

**OIL & PETROLEUM PRODUCT TESTING, CONSTRUCTION MATERIAL  
TESTING, SPECIAL TESTING, GEOTECHNICAL INVESTIGATION,  
ENVIRONMENTAL TESTING, NOISE MONITORING, GLASS TESTING  
AND FIRE RESISTANCE TESTING & FIRE REACTION TESTING**

This Certificate is valid for a period of Three years from: 12.05.2023 until: 11.05.2026  
And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 211591

Rev. No: 00



  
Director

### **SWISS CERT PVT. LTD.**

412, BEST SKY TOWER, NETAJI SUBHASH PLACE, PITAMPURA, DELHI - 110 034, INDIA

This certificate is the property of SWISS CERT PRIVATE LIMITED and shall be returned upon request.

All Interested parties are advised to verify the validity of the certificate from SWISSCERT ([info@swisoindia.com](mailto:info@swisoindia.com))



# Certificate

SWISS CERT Pvt. Ltd. hereby certify that the Quality Management System of

## **MATERIAL LAB**

**PO BOX: 114717, AL QUOZ INDUSTRIAL AREA 4, DUBAI,  
UNITED ARAB EMIRATES**

has been assessed and found to be in accordance with the requirements of

## **Quality Management System ISO 9001:2015**

and scope of activities are detailed below

---

**OIL & PETROLEUM PRODUCT TESTING, CONSTRUCTION  
MATERIAL TESTING, SPECIAL TESTING, GEOTECHNICAL  
INVESTIGATION, ENVIRONMENTAL TESTING, NOISE MONITORING,  
GLASS TESTING AND FIRE RESISTANCE TESTING & FIRE REACTION  
TESTING**

---

This Certificate is valid for a period of Three years from: 12.05.2023 until: 11.05.2026  
And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 211590

Rev. No: 00



*[Signature]*  
Director

### **SWISS CERT PVT. LTD.**

412, BEST SKY TOWER, NETAJI SUBHASH PLACE, PITAMPURA, DELHI - 110 034, INDIA

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# Certificate

SWISS CERT Pvt. Ltd. hereby Certify that the Management System of

## **MATERIAL LAB**

**PO BOX: 114717, AL QUOZ INDUSTRIAL AREA 4, DUBAI,  
UNITED ARAB EMIRATES**

has been assessed and found to be in accordance with the requirements of  
**Occupational Health & Safety Management System**

**ISO 45001:2018**

and scope of activities are detailed below

---

**OIL & PETROLEUM PRODUCT TESTING, CONSTRUCTION MATERIAL  
TESTING, SPECIAL TESTING, GEOTECHNICAL INVESTIGATION,  
ENVIRONMENTAL TESTING, NOISE MONITORING, GLASS TESTING  
AND FIRE RESISTANCE TESTING & FIRE REACTION TESTING**

---

This Certificate is valid for a period of Three years from: 12.05.2023 until: 11.05.2026  
And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 45001/480

Rev. No: 00



*[Signature]*  
Director

**SWISS CERT PVT. LTD.**

412, BEST SKY TOWER, NETAJI SUBHASH PLACE, PITAMPURA, DELHI - 110 034, INDIA

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# Certificate

SWISS CERT Pvt. Ltd. hereby certify that the Quality Management System of  
**MATERIAL LAB TESTING SERVICES L.L.C**  
**PO BOX: 61831, MUSSAFAH INDUSTRIAL AREA, M 2-ABU DHABI,**  
**UNITED ARAB EMIRATES**

has been assessed and found to be in accordance with the requirements of  
**Quality Management System ISO 9001:2015**

and scope of activities are detailed below

- ENVIRONMENTAL CONSULTANCY AND STUDIES AND RESEARCHES.
- PIPELINES TESTING AND TREATMENT SERVICES.
- MECHANICAL AND PHYSICAL TESTS LAB.
- SOIL TESTING SERVICES.
- GEOLOGICAL AND GEOPHYSICAL CONSULTANCY AND STUDIES AND RESEARCHES.
- INDUSTRIAL FACILITIES' INSTALLATIONS INSPECTION ENGINEERING SERVICES.
- CHEMICAL AND BIOLOGICAL ANALYSIS LAB.
- BUILDING MATERIAL TESTING LAB.
- ONSHORE AND OFFSHORE OIL AND GAS FIELDS AND FACILITIES SERVICES.

This Certificate is valid for a period of Three years from: 12.05.2023 until: 11.05.2026  
And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 211588  
Rev. No: 00



  
Director

**SWISS CERT PVT. LTD.**

412, BEST SKY TOWER, NETAJI SUBHASH PLACE, PITAMPURA, DELHI - 110 034, INDIA

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# Certificate

SWISS CERT Pvt. Ltd. hereby certify that the Environmental Management System of

**MATERIAL LAB TESTING SERVICES L.L.C**

**PO BOX: 61831, MUSSAFAH INDUSTRIAL AREA, M 2-ABU DHABI,  
UNITED ARAB EMIRATES**

has been assessed and found to be in accordance with the requirements of

**Environmental Management System ISO 14001:2015**

and scope of activities are detailed below

- ENVIRONMENTAL CONSULTANCY AND STUDIES AND RESEARCHES.
- PIPELINES TESTING AND TREATMENT SERVICES.
- MECHANICAL AND PHYSICAL TESTS LAB.
- SOIL TESTING SERVICES.
- GEOLOGICAL AND GEOPHYSICAL CONSULTANCY AND STUDIES AND RESEARCHES.
- INDUSTRIAL FACILITIES' INSTALLATIONS INSPECTION ENGINEERING SERVICES.
- CHEMICAL AND BIOLOGICAL ANALYSIS LAB.
- BUILDING MATERIAL TESTING LAB.
- ONSHORE AND OFFSHORE OIL AND GAS FIELDS AND FACILITIES SERVICES.

This Certificate is valid for a period of Three years from: 12.05.2023 until: 11.05.2026  
And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 211589

Rev. No: 00



  
Director

**SWISS CERT PVT. LTD.**

412, WEST SKY TOWER, NETAJI SUBHASH PLACE, PITAMPURA, DELHI - 110 034, INDIA

This certificate is the property of SWISS CERT PRIVATE LIMITED and shall be returned upon request.

All Interested parties are advised to verify the validity of the certificate from SWISSCERT ([info@swisoindia.com](mailto:info@swisoindia.com))



# Certificate

SWISS CERT Pvt. Ltd. hereby Certify that the Management System of

## **MATERIAL LAB TESTING SERVICES L.L.C**

**PO BOX: 61831, MUSSAFAH INDUSTRIAL AREA, M 2-ABU DHABI,  
UNITED ARAB EMIRATES**

has been assessed and found to be in accordance with the requirements of

## **Occupational Health & Safety Management System**

### **ISO 45001:2018**

and scope of activities are detailed below

- ENVIRONMENTAL CONSULTANCY AND STUDIES AND RESEARCHES.
- PIPELINES TESTING AND TREATMENT SERVICES.
- MECHANICAL AND PHYSICAL TESTS LAB.
- SOIL TESTING SERVICES.
- GEOLOGICAL AND GEOPHYSICAL CONSULTANCY AND STUDIES AND RESEARCHES.
- INDUSTRIAL FACILITIES' INSTALLATIONS INSPECTION ENGINEERING SERVICES.
- CHEMICAL AND BIOLOGICAL ANALYSIS LAB.
- BUILDING MATERIAL TESTING LAB.
- ONSHORE AND OFFSHORE OIL AND GAS FIELDS AND FACILITIES SERVICES.

This Certificate is valid for a period of Three years from: 12.05.2023 until: 11.05.2026

And remains valid Subject to satisfactory completion of surveillance audits

Certificate Number: 45001/479

Rev. No: 00



*[Signature]*  
Director

### **SWISS CERT PVT. LTD.**

412, BEST SKY TOWER, NEHAJI SUBBIAH PACE, PITAMPURA, DELHI - 110 034, INDIA

This certificate is the property of SWISS CERT PRIVATE LIMITED and shall be returned upon request.

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# **Approvals**

## **(Local Authorities)**

### **Material Lab**



## شهادة تعيين Designation Certificate

Name of the CAB	ماتيريال لاب Material Lab	اسم الجهة
CAB identification number	D-LAB-007	الرقم التعريفي للجهة
Initial designation date	11 <sup>th</sup> Sept. 2019	تاريخ التعيين الأول
Current designation date:	11 <sup>th</sup> Sept. 2022	تاريخ التعيين الحالي
Designation expiry date	10 <sup>th</sup> Sept. 2025	تاريخ انتهاء التعيين
Address	Al Quoz Industrial Area, Dubai, UAE	العنوان
Designation scopes	See appendix (A)	مجال التعيين

Dr. Helal Al Kaabi  
Secretary General



- This certificate is invalid without the scope of designation published on QCC website.
- Designated CAB shall maintain the compliance to designation requirements during the designation period.
- This is an electronic certificate and does not require stamp.
- Visit our website to verify this certificate: [www.qcc.gov.ae](http://www.qcc.gov.ae)
- Any changes or modification on this certificate will affect its validity.

- هذه الشهادة غير صالحة بدون مجال التعيين المنشور على موقع المجلس.
- يجب على الجهة المعينة استمرارية تحقيق متطلبات التعيين خلال فترة التعيين.
- هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم.
- للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: [www.qcc.gov.ae](http://www.qcc.gov.ae)
- أي كشط أو تغيير في هذه الشهادة يلغيها.



## شهادة تعيين Designation Certificate

Name of the CAB	ماتيريال لاب لخدمات الفحص ذ م م Material Lab Testing Services LLC	اسم الجهة
CAB identification number	D-LAB-006	الرقم التعريفي للجهة
Initial designation date	11 <sup>th</sup> Sept. 2019	تاريخ التعيين الأول
Current designation date:	11 <sup>th</sup> Sept. 2022	تاريخ التعيين الحالي
Designation expiry date	10 <sup>th</sup> Sept. 2025	تاريخ انتهاء التعيين
Address	Musaffah Industrial Area M34, Abu Dhabi, UAE	العنوان
Designation scopes	See appendix (A)	مجال التعيين

Dr. Helal Al Kaabi  
Secretary General



- This certificate is invalid without the scope of designation published on QCC website.
- Designated CAB shall maintain the compliance to designation requirements during the designation period.
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- يجب على الجهة المعينة استمرارية تحقيق متطلبات التعيين خلال فترة التعيين.
- هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم.
- للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: [www.qcc.gov.ae](http://www.qcc.gov.ae)
- أي كشط أو تغيير في هذه الشهادة يلغيها



## Certificate of Registration | شهادة تسجيل

Certification Number	RT 0122	رقم الشهادة
Name of CAB	Material Lab Testing Services L.L.C	اسم جهة تقييم المطابقة
Address	Abu Dhabi - Mussafah M2 Industrial Area, Abu Dhabi, U.A.E - Mussafah M2 Ind. area Abu Dhabi, U.A.E	العنوان
Issue Date	26/11/2018	تاريخ الإصدار
Expiry Date	25/09/2025	تاريخ الانتهاء
Scope		الأنشطة
Testing Laboratory		مختبرات الفحص

This certificate was issued based on the request of the conformity assessment body without any responsibility to be bared by Ministry of Industry and Advanced Technology toward others.

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



أصدرت هذه الشهادة بناء على طلب جهة تقييم المطابقة دون تحمل وزارة الصناعة والتكنولوجيا المتقدمة اي مسؤولية تجاه الغير.

هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



## Certificate of Registration | شهادة تسجيل

Certification Number	RT 0098	رقم الشهادة
Name of CAB	Material Lab	اسم جهة تقييم المطابقة
Address	Dubai - Al Quoz Industrial 4, Dubai, UAE - Al Quoz Industrial 4, Dubai, UAE	العنوان
Issue Date	16/10/2019	تاريخ الإصدار
Expiry Date	12/06/2025	تاريخ الانتهاء
Scope		الأنشطة
Testing Laboratory		مختبرات الفحص

This certificate was issued based on the request of the conformity assessment body without any responsibility to be bared by Ministry of Industry and Advanced Technology toward others.

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



أصدرت هذه الشهادة بناء على طلب جهة تقييم المطابقة دون تحمل وزارة الصناعة والتكنولوجيا المتقدمة أي مسؤولية تجاه الغير.

هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

# شهادة تسجيل العضوية

## Membership Certificate

License no.	129369	رقم الرخصة	129369
Membership no.	155987	رقم العضوية	155987
Registration no.	0	رقم السجل التجاري	0
Trade Name	MATERIAL LAB	الاسم التجاري	ماتيريال لاب
Legal Status	Sole Establishment	الشكل القانوني	مؤسسة فردية
Activity	Soil Analysis Services Chemical & Biological Laboratory Environmental Testing & Inspection Services	نوع النشاط	خدمات فحص التربة مختبر تحاليل كيميائية وبيولوجية خدمات فحص ومراقبة البيئة
Member Since	04/02/1996	تاريخ الإنتساب	04/02/1996
Date of Issue	04/02/1996	تاريخ الإصدار	04/02/1996
Expiry Date	03/02/2025	تاريخ الإنتهاء	03/02/2025

### Remarks

This certificate shall be invalid incase of any alteration without chamber's authorization

For online verification of this Certificate, please visit our website  
<http://www.dubaichamber.ae/verify>

غرفة تجارة وصناعة دبي  
Dubai Chamber of Commerce & Industry

هاتف 4 2280000 (+971) (Outside UAE) | 800 CHAMBER (800 2426237) (Within UAE) | P.O. Box 1457 - Dubai, U.A.E.  
فاكس 4 2211646 (+971) | [customercare@dubaichamber.ae](mailto:customercare@dubaichamber.ae) | [www.dubaichamber.ae](http://www.dubaichamber.ae)

### الملاحظات

تعتبر هذه الشهادة لاغية في حال أي كسب أو تعديل عليها دون اعتماد ذلك من الغرفة

للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة  
<http://www.dubaichamber.ae/verify>

تسجيل شركة كمستخدم نهائي للسلائف الكيميائية  
Registration For Precursors & Chemicals End User

The Holder of this certificate is authorized only for procuring of precursor chemicals locally to be utilized only inside his/her facility according to the rules and regulations of Ministry of Health & Prevention; provided that all other documents are valid and updated.

يصرح لحامل هذه الشهادة فقط القيام بعمليات الشراء للسلائف الكيميائية من السوق المحلي بغرض الاستخدام داخل المنشأة التابعة لهم بشرط التقيد باللوائح والقوانين المعمول بها بوزارة الصحة ووقاية المجتمع في التعامل مع السلائف الكيميائية، على أن تكون جميع المستندات صالحة ومحدثة

Company Name	Material Lab	اسم الشركة
	ماتيريل لاب	
Address	Al Quoz , Industrial Area -4, Al Quoz, Dubai	العنوان
P.O.Box	114717	صندوق البريد
Telephone	+97143405678	الهاتف
Official Email	qao4@mlab.ae	البريد الإلكتروني الرسمي
Date of First Registration	2013	تاريخ بداية الاصدار
MOH&P Registration No.	REG-PC-00450-2024	رقم التسجيل بوزارة الصحة ووقاية المجتمع
Date Of MOHAP Approval	16-07-2024	تاريخ موافقة وزارة الصحة ووقاية المجتمع
Date of Expiry	15-07-2025	تاريخ انتهاء الصلاحية
MOI Approval No.	305926	رقم موافقة وزارة الداخلية
MOI Approval Date of Registration	16-Jul-2024	تاريخ موافقة وزارة الداخلية على التسجيل

## TERMS AND CONDITIONS

هذه الشهادة صادرة من وزارة الصحة ووقاية المجتمع -إدارة الدواء- وتعتبر من الوثائق الحكومية الرسمية ولا تحتاج إلى توقيع، ويحظر قطعياً تقليدها أو إدخال أي تعديلات عليها سواء بالإضافة أو الحذف أو التغيير في بياناتها أو غير ذلك من أنواع التعديل، وتعد الشهادة لاغية إذا شابهها شيء من ذلك. للتأكد من صلاحية الشهادة يرجى إرسال صورة من الشهادة إلى [controlledchemicals@mohap.gov.ae](mailto:controlledchemicals@mohap.gov.ae)

This certificate is generated by MOHAP Drug Department, it is an official government document and does not require signature, and it is strictly prohibited to imitate or amend to this certificate. Any attempt to change, delete, erase or add will cause this certificate to be rendered invalid. To check the validity of the certificate, send a scanned copy to [controlledchemicals@mohap.gov.ae](mailto:controlledchemicals@mohap.gov.ae)



This is a system-generated document and it doesn't require a signature. To verify certificate validity, please scan the QR Code

PO BOX 1853, DUBAI, UNITED ARAB EMIRATES. FAX +971 4 2301929 TEL +971 4 2301000  
[www.mohap.gov.ae](http://www.mohap.gov.ae)

Environmental Sustainability Department

Air Environment Sustainability and Environmental Assessment Section

إدارة الاستدامة البيئية

قسم استدامة بيئة الهواء والتقييم البيئي

تصريح بيئي

Environmental Clearance

Ref No CIPR-080724-04955

Date 15/07/2024

Company Information

تفاصيل الشركة

Issued to	: MATERIAL LAB	: اسم الشركة المصرح لها
License No.	: 129369	: رقم الرخصة
Location	: 369 - Al Quoz Industrial Fourth	: الموقع
Plot Number	: 3690465	: رقم قطعة الأرض
Activities Covered by this Clearance & Category	: Chemical and Biological Laboratory, Soil Analysis Services / Category (B)	: الأنشطة المصرح لها و تصنيفها

This EC is Issued Subject to the Following Conditions

تم اصدار التصريح البيئي وفقاً للاشتراطات التالية

- This Environmental Clearance (EC) has been issued in accordance with the Federal Law No. (24) of 1999 Regarding the Protection and Development of the Environment, Amended by Federal Law No. (11) of 2006, the Cabinet Decree No. (27) of 2021 of the Council of Ministers, and its Implementing Rules and Regulations.
- The Company shall conduct yearly stack measurement of (NOx, SOx, CO and TSP) from furnace Stack. Stack sampling and analysis shall be carried out by a laboratory accredited by the Emirates International Accreditation Centre (EIAC) specifically for sampling and analysis of the required parameters. The annual results and other related emission inventory data shall be submitted to DM- AESEAS through the Online Air Emissions Inventory annually from the date of this EC, and every year thereafter.
- Failure to comply thereof, or with any of the applicable requirements in the Environmental Laws and Regulations in the Emirate of Dubai and with any of the conditions listed behind the electronic application form (Environmental Clearance Renewal Form; Doc ref no. DM-ESD-F001-ECRNW) submitted by the company's representative, shall result to the cancelation of this EC and/or legal actions as per Environmental Laws and Regulations in Emirate of Dubai.

تحتفظ بلدية دبي - إدارة الاستدامة البيئية بالحق في تعديل الاشتراطات المذكورة بالتصريح البيئي أعلاه أو استبدالها باشتراطات أخرى في حال اقتضت الحاجة وذلك لضمان حماية البيئة.

The Dubai Municipality - Environmental Sustainability Department (DM-ESD) reserves the right to amend the conditions of this EC or impose additional conditions whenever deemed necessary to ensure protection of the Environment

إن عدم الامتثال للاشتراطات المذكورة قد يعرض الشركة المخالفة للغرامة.  
Any violation of the above conditions will be subject to penalties.

EC Valid Until 14/07/2027

يعتبر التصريح البيئي لاغي في حال تغيير أي من المعلومات المذكورة أعلاه.  
This EC is considered cancelled, if any of the above information is changed.

For enquiries call 800900 للاستفسار و التواصل

This document is electronically approved without a signature.  
To verify the authenticity of this document please visit  
<https://environment.dm.gov.ae/Admin/DocumentVerification/VerifyDocument>  
and enter the Document ID : CIPR-080724-04955 and  
Verification Code : 757756 , or alternatively scan the QR Code



هذه الوثيقة معتمدة الكترونياً بدون توقيع، و للتحقق من صحتها يمكن زيارة الرابط أدناه  
<https://environment.dm.gov.ae/Admin/DocumentVerification/VerifyDocument>  
بإدخال رقم الطلب CIPR-080724-04955 و رمز التأكيد 757756  
أو مسح QR Code المحاذي

United Arab Emirates  
Ministry of Interior  
Directorate General of Civil Defence  
Dubai Civil Defence



دولة الإمارات العربية  
وزارة الداخلية  
الإدارة العامة للدفاع المدني  
إدارة الدفاع المدني - دبي

الرقم: HMW0000356489-2024

التاريخ: 02-07-2024

شهادة استيفاء اشتراطات السلامة الوقائية  
وفقاً لأحكام النظام رقم (2) لسنة 2009م  
[اعتماد مستودعات تخزين المواد الخطرة]

اسم الشركة: ماتيريل لاب

بناء على الكشف الذي تم لمستودع / 2149479324

رخصة رقم 129369

الكانن بمنطقة Al Quoz Industrial Area 4

مختبر تحاليل كيميائية وبيولوجية، خدمات فحص التربة، خدمات اصدار

نشاط المنشأة شهادات الجودة والمعايرة والتقييس، خدمات فحص ومراقبة البيئة

تبين استيفاؤها لاشتراطات السلامة الوقائية لمستودعات تخزين Chemical And LPG

تاريخ الإصدار: 02-07-2024 تاريخ الانتهاء: 01-07-2025

الشهادة صالحة لمدة سنة اعتباراً من تاريخ المعاملة

ملازم / سعيد محمد العباسي  
رئيس قسم التفتيش و التراخيص

رؤيتنا: أن نعمل بفعالية لتصبح دولة الامارات العربية المتحدة إحدى أفضل دول العالم أمناً وسلامه

Tel.: 009714 2611111 Fax: 009714 2612449 P.O. Box 11377  
www.dcd.gov.ae



الرقم: LCA0000332446-2024

## "شهادة استيفاء شروط السلامة الوقائية"

صدرت هذه الشهادة استناداً إلى قرار مجلس الوزراء رقم (24) لسنة 2012م في شأن تنظيم خدمات الدفاع المدني بالدولة:

الاسم التجاري للمنشأة: مفيريا لآب رقم الرخصة: 129369 رقم الأرض: 0-302  
الكلن بمنطقة: تاريخ الإصدار: 2023/11/29 تاريخ الانتهاء: 2024/11/28  
وقد وجد مستوفي لشروط السلامة الوقائية

### ملاحظات:

- سددت الرسوم بلصاق رقم ( )
- يجب الالتزام باعتماد عقود الصيانة الدورية لأجهزة ومعدات السلامة و الوقاية من الحريق من إحدى الشركات المعتمدة
- أي تعديلات في أنظمة ومعدات السلامة والوقاية من الحريق أو النشاط يتطلب موافقة مسبقة من الدفاع المدني
- يجب ربط المنشأة بالأنظمة الذكية (24x7).
- في حال الإخلال بأي من اشتراطات السلامة الوقاية سيتم مخالفة المنشأة (نموذج المخالفات خلف الشهادة) -
- توضيح الشهادة في مكان بارز وواضح للعبان
- مراجعة الدفاع المدني سنوياً للكشف على المنشأة

هذه الشهادة معتمدة إلكترونياً ولا تحتاج إلى توقيع

للطوارئ  
997  
Emergency

648



للتأكد من صحة بيانات الشهادة / <http://eservices.dcd.gov.ae>

الموقع الإلكتروني: [www.dcd.gov.ae](http://www.dcd.gov.ae)  
نظام المقترحات: <http://esuggest.dubai.ae>

هاتف: 800997

فاكس: 04-7052150  
نظام الشكاوي: [www.ecomplain.ae](http://www.ecomplain.ae)

رؤيتنا: أن تكون دولة الإمارات العربية المتحدة من أفضل دول العالم أماناً وسلامة.

## Abu Dhabi Water and Electricity Authority



مجلس مياه وكهرباء أبوظبي  
Abu Dhabi Water & Electricity Authority

To: M/s. MATERIAL LAB GULF TESTING SOIL Fax No. : 02 - 5503041

Attn: Manager

From: SUPPLY DEPARTMENT MANAGER

Fax No.: 02- 694 3294

Abu Dhabi Water & Electricity (ADWEA)

PO Box 6120 - Tel. (009712) 6943261 Abu Dhabi U.A.E.

Date: 25 SEP 2012

REF: ADWEA/SDM/AAK/HAS/1748/12

Company ID. No.: 9939353

Subject: PRE-QUALIFICATION STATUS

We are pleasure to inform you that based on the evaluation, your company had been qualified and entered in our records as a possible source for execution of the following works:

WG No.	WG Description
3401600	SOIL & CONCRETE TESTING

Please note that at the time of release of enquiries/tenders, a further short listing takes place based on exhibited interest at that time and the specifics of material/ services in question as the need may be.

You are advised to quote your registration No. (9939353) in all future correspondence.

Regards,

Alia Ahmed Al-Kaabi  
Supply Department Manager



Cc: Companies Registration Section



Company ID :		17965	Company Name :		MATERIAL LAB TESTING SERVICES LLC				
			Company Name in Arabic :		MATERIAL LAB TESTING SERVICES LLC				
Company Address			Company Type						
Street	: Mussafah M2		Telephone	: 0097125503040		Vendor	:N	Principal	:N
P.O Box	: 61831		Fax	: 0097125503041		Contractor	:Y	Associate	:N
City	: ABU DHABI		E-mail	: mlab@mlab.ae		Manufacturer	:N		
Emirate	: ABU DHABI		Company Website	: https://mlab.ae					
Country	: AE		Contact Name	: Harshad Kandy					
Establishment Date	: 25-Mar-2010		Mobile No.	: 00971588970214					
VAT Registration Status			Tax Registration No. (TRN)		TRN Issue Date		Comments		
REGISTERED			100064007600003		25-Jan-2018				
License/ Certificate No.			License Type.		License Description		License Expiry Date		
CN-1177026			DPAE		Department Of Economic Development - Abu Dhabi		04-Aug-2024		
Owner No	Owner Name		% Ownership		Phone No		Fax No		Owner Address
13578	S S LOOTAH INTERNATIONAL INVESTMENT GROUP L.L.C		99		0097143339562				
12418	YAHYA SAEED AHMAD NASSER LOOTAH		1		0097143339562				Mussafah M2
Work Group No			Work Group Name						
7900945			LABORATORY TESTING SERVICES						

**Prequalification Certificate Subcontractor/Supplier**

**Company: MATERIAL LAB DUBAI**

**Reg#:**

**A010-0209677**

Type: Supplier  
Address: Dubai  
Telephone: 111111  
Fax: 111111

Further to your request for prequalification, we are hereby pleased to advise you that your application has been successfully considered and your company is approved for RTA Projects as per the following activities:

Agency	Department	Main Categorization	Work Scope	Value Limit (AED)	Status	Expiry Date	Green Procurement	HSE	Manufactures	Other Conditions
TRASub-Contractor	TRA - Road Structures	TRA - Sub-Contractor	Testing & Certification Works	1,000,000	Prequalified	14 Jun 26		N/A		Prequalify

Printed On 6/14/2023

**Please Note**

The above approval is for the above period, renewable according to request and successful review process by RTA, and is conditional upon your reasonable participation in RTA tenders and projects. We reserve the right to withdraw same at our sole discretion at any time. This Certificate is issued by the Roads and Transport Authority (RTA) and does not require stamping or signature

Our Vision: Safe and smooth transport for all

رؤيتنا: تنقل آمن وسهل للجميع

Tel. +971 4 284 4444 . Fax +971 4 2065555. P.O.Box 118899, Dubai, U.A.E

www.rta.ae

هاتف +971 4 284 4444 فاكس +971 4 2065555 ص ب ١١٨٨٩٩ دبي، ا.ع.م



# شهادة شكر وتقدير

يتقدم مجلس أبوظبي للجودة والمطابقة بخالص الشكر والتقدير إلى:

## ماتيريال لاب

المعين من قبل المجلس لأغراض تفويض خدمات المختبر المركزي

وذلك تقديراً لجهودهم المبذولة خلال فترة التزامهم بالعقد مع المجلس لمدة ٣ سنوات

متمنين لهم المزيد من التوفيق والنجاح

المهندس / بدر خميس الشميلي  
رئيس اللجنة الفنية الدائمة  
المدير التنفيذي لقطاع خدمات المطابقة و المواصفات



# شهادة شكر وتقدير

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## هاتيريال لاب لخدمات الفحص ذ م م

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رئيس اللجنة الفنية الدائمة  
المدير التنفيذي لقطاع خدمات المطابقة و المواصفات



# **Approvals**

## **(Contractors/Consultances)**

**Material Lab**

**SUBCONTRACTOR APPROVAL REQUEST**  
**SCA**  
**Contract No.: SP3/BLD/095-00**



دبي  
 لمشاريع  
 الطيران  
 الهندسية

DUBAI  
 AVIATION  
 ENGINEERING  
 PROJECTS

Project Name:	Dubai International Airport (DIA)		
Reference No.:	SCA No.: 0008 Rev.00 Structural	Date:	20.08.2024
Contract Title:	SP3/BLD/095-00: Refurbishment of Hammerhead		
TO:	Dar Al-Handasah Shair & Partner	FROM:	Innovo Build LLC / Material Lab

**A ± WORK TO BE SUBCONTRACTED**

Approval Request for: Prequalification of M/s. Material Lab Laboratory Works

Description of Work to be Subcontracted: Laboratory Works

Dear Sir,

Please find enclosed herewith supporting documents pertaining to the proposed Subcontractor which includes the following:

- |   |                                     |
|---|-------------------------------------|
| 1. Name and classification  | <input checked="" type="checkbox"/> |
| 2. Details of recent performances   | <input checked="" type="checkbox"/> |
| 3. Type, number and current location of plants to be deployed on this project   | <input checked="" type="checkbox"/> |
| 4. Full list of names, qualifications and experience of staff   | <input checked="" type="checkbox"/> |
| 5. Outline method statement of performance  | <input checked="" type="checkbox"/> |
| 6. Written confirmation that he will Act and Comply in full conformity with the Contract and the main Contractor's construction programme | <input checked="" type="checkbox"/> |
| 7. Certificates / licenses from relevant Authorities  | <input checked="" type="checkbox"/> |

Contractor's Authorized Signature:

Signature

20.08.2024  
 Date

**ENGINEER'S COMMENTS (TECHNICAL):**

(An approval does not relieve the Contractor of his obligations under the Contract and he shall be liable for all acts, defaults and negligence by the Subcontractor).

Refer to attached sheet of comments.

22/08/2024

Signed By:

Engineering Manager

Date

**ENGINEER'S COMMENTS (CONSTRUCTION):**

Signed By:

Resident Engineer

Date

**DOCUMENT STATUS**

- ☐ Code 1 ± Work may proceed. ☒ Code 2 ± Revise & resubmit. Work may proceed, subject to incorporation of comments indicated.  
☐ Code 3 ± Revise & resubmit. Work may not proceed. ☐ Code 4 ± For information.

	PP  Fares Hadidi 05.09.2024	
Deputy Chief Resident Engineer	Chief Resident Engineer	Date

CC:

SHARJAH AIRPORT EXPANSION PROGRAM			
Contract Title / Contract No.:	SHARJAH AIRPORT EXPANSION PROGRAM – New Passenger Terminal Building, Refurbishment of Existing Terminal and Associated Works. <b>SIAEP-CP515-CON-GEN-001</b>	   	
Client:	SHARJAH AIRPORT AUTHORITY		
Project Manager:	PARSONS OVERSEAS LIMITED		
Consultant:	IBG / ONE WORK JV		
Contractor	BINLADIN CONTRACTING GROUP	Date:	24-July-2024







## **PRE-QUALIFICATION SUBMITTAL FOR**

**Material Testing Laboratory  
(M/s. Material Lab)**

**Doc. Ref. SIAEP-P0-CP515-PRQ-CI-003/Rev.0**

**Certified that the submittal has been reviewed, checked, and approved for compliance with the Contract Documents by the below signatories.**

Rev.	Date	Comment	Prepared / Checked by: QA/QC	Reviewed by: Project Technical Manager	Reviewed by: Engineering Manager	Approved by: Project Manager
0	24/07/2024	For Approval				



		<h2 style="margin: 0;">SUBCONTRACTOR APPROVAL</h2>																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">CONTRACT NO.</td> <td>DMS 148823 &amp; 149065</td> </tr> <tr> <td>Arch Group PROJECT No.</td> <td></td> </tr> <tr> <td>CONTRACT TITLE</td> <td>JEBEL ALI VILLAGE - TOWNHOUSE &amp; INFRA</td> </tr> <tr> <td>EMPLOYER</td> <td>NAKHEEL PJSC</td> </tr> <tr> <td>CONSULTANT(PM)</td> <td></td> </tr> <tr> <td>BUILDING CONSULTANT</td> <td>ARCHGROUP CONSULTANTS INTERNATIONAL</td> </tr> <tr> <td>INFRA CONSULTANT</td> <td>PARSONS</td> </tr> </table>		CONTRACT NO.	DMS 148823 & 149065	Arch Group PROJECT No.		CONTRACT TITLE	JEBEL ALI VILLAGE - TOWNHOUSE & INFRA	EMPLOYER	NAKHEEL PJSC	CONSULTANT(PM)		BUILDING CONSULTANT	ARCHGROUP CONSULTANTS INTERNATIONAL	INFRA CONSULTANT	PARSONS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">SCAR NO:</td> <td>SCA/UNEC/J332&amp;333/INF/0018</td> </tr> <tr> <td>REVISION NO.:</td> <td>01</td> </tr> <tr> <td>REVISION DATE:</td> <td>24-Jul-23</td> </tr> <tr> <td>TRADE</td> <td style="background-color: yellow;">INFRA</td> </tr> <tr> <td></td> <td>BUILDING</td> </tr> <tr> <td>DISCIPLINE</td> <td>Infrastructure</td> </tr> <tr> <td>CONTRACTOR</td> <td>UNEC</td> </tr> <tr> <td>SUBCONTRACTOR</td> <td>M/s. Material Lab</td> </tr> </table>		SCAR NO:	SCA/UNEC/J332&333/INF/0018	REVISION NO.:	01	REVISION DATE:	24-Jul-23	TRADE	INFRA		BUILDING	DISCIPLINE	Infrastructure	CONTRACTOR	UNEC	SUBCONTRACTOR	M/s. Material Lab
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DISCIPLINE	Infrastructure																																
CONTRACTOR	UNEC																																
SUBCONTRACTOR	M/s. Material Lab																																
DESCRIPTION & SCOPE OF WORK																																	
Prequalification for Third Party Lab [Infrastructure Works] – M/s. Material Lab																																	
CONTRACTOR'S REVIEW																																	
Contractor has reviewed this submission prior to submission to Consultant :																																	
Project Manager : <b>Eng. Ahmad Sahli</b> Project Manager		Originator Signature : <b>Eng. Rami Iskandarani</b> Infrastructure Coordinator																															
Signature :																																	
Date : <b>24/07/2023</b>		Date: <b>24/07/2023</b>																															
BUILDING / INFRASTRUCTURE WORKS CONSULTANT COMMENTS :																																	
CONSULTANT (PM) COMMENTS :																																	
<p style="color: blue;">Engineer's comments given in Rev 00 was complied by M/S UNEC. Frequency of testing shall be as per project spec and related authority requirement. Subject to site satisfactory performance and client acceptance</p>																																	
STATUS:																																	
<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As noted <input type="checkbox"/> Not Approved - Resubmit																																	
BUILDING/ INFRA CONSULTANT		CONSULTANT(PM)																															
For and on Behalf of		For and on Behalf of																															
Date: _____		Date: _____																															
EMPLOYER		For and on Behalf of NAKHEEL																															
Date: _____		Date: _____																															
<p style="color: red; font-size: small;">Note: Approval / Comments does not relieve the Contractor from his obligations under the Contract.</p>																																	



## SUBCONTRACTOR APPROVAL

CONTRACT NO.	DMS 148823 & 149065
Arch Group PROJECT No.	
CONTRACT TITLE	JEBEL ALI VILLAGE - TOWNHOUSE & INFRA
EMPLOYER	NAKHEEL PJSC
CONSULTANT(PM)	
BUILDING CONSULTANT	ARCHGROUP CONSULTANTS INTERNATIONAL
INFRA CONSULTANT	PARSONS

SCAR NO:	SCA/UNEC/J332&333/GEN/0047
REVISION NO.:	00
REVISION DATE:	15-Dec-23
TRADE	INFRA
	<b>BUILDING</b>
DISCIPLINE	General
CONTRACTOR	UNEC
SUBCONTRACTOR	M/s. Material Lab

### DESCRIPTION & SCOPE OF WORK

Prequalification Documents for Third Party Independent Lab - M/s. Material Lab [Additional Third Party Lab]

### CONTRACTOR'S REVIEW

Contractor has reviewed this submission prior to submission to Consultant :

Project Manager : Eng. Ahmad Sahli  
Project Manager

Signature :

Date : 15/12/2023

Originator : Eng. Ramasamy  
Project QA/QC Manager

Signature :

Date : 15/12/2023

### BUILDING / INFRASTRUCTURE WORKS CONSULTANT COMMENTS :

No objection to the proposed Material lab third party testing laboratory subject to conducting and issuing the test reports for which it possesses the accreditation certificate issued by Government of Dubai only.

Status-A

D&K  
(D. Sumi)


### CONSULTANT (PM) COMMENTS :

#### STATUS:

☒ Approved

☐ Approved As noted

☐ Not Approved - Resubmit

BUILDING/ INFRA CONSULTANT	CONSULTANT(PM)	EMPLOYER
For and on Behalf of	For and on Behalf of	For and on Behalf of NAKHEEL
Date: _____	Date: _____ 	Date: _____

**Note:** Approval / Comments does not relieve the Contractor from his obligations under the Contract.

 <b>CLIENT:</b> <b>Mohammed Bin Rashid Housing Est.</b>	 <b>PMC:</b> <b>PARSONS Overseas Limited</b>	 <b>CONSULTANT:</b> <b>Shadid Engineering Consultants</b>	 <b>CONTRACTOR:</b> <b>Tiger International General Contracting</b>
--	---	---	---

### **PRE-QUALIFICATION SUBMITTAL FORM**

Project No.	: MBRHE-41-UDM
Client	: MOHAMMED BIN RASHID HOUSING ESTABLISHMENT
Contractor	: TIGER INTERNATIONAL GENERAL CONTRACTING
Ref. No. 41UDM-351644-PRQ-STR-00008-R0	Specifications & BOQ Ref. Vol 3 -Division 1 – Section 1400, BOQ B1-page 7

Material / Equipment Name & Description  <b>3<sup>rd</sup> Party Testing Agency</b>	Name of Manufacturer / Supplier / Contractor  <b>M/s Material Lab</b>
Location / Use  <b>For Materials &amp; Applicable Site Testing for Civil &amp; Finishing Works</b>	List of Attachments to this form <b>Introduction, Services, Quality Policy, Accreditations, Certificates, Approvals (Local Authorities), Approvals (Contractors and Consultants), Company Licenses, List of Major Projects, Equipment List, Laboratory Organizational Structure</b>
List of Specific Requirements Relevant to Specifications Clauses of Material / Plant	Product Properties

Contractor's Signature:  Date: 11.8.2023

Date received by Consultant from Contractor	Date of Issue to Client
.....	.....

Date received by Consultant from Client	Date received by Contractor from Consultant
.....	.....

#### **Consultant's Remarks:**

Approved	<input type="checkbox"/>	Position	Date	Signature
Commented	<input checked="" type="checkbox"/>			
Not Approved	<input type="checkbox"/>			
Comments: <p style="text-align: center; color: blue;">Please refer to our comments on the attached sheet</p>				

#### **Client's Remarks:**

Approved	<input type="checkbox"/>	Position	Date	Signature
Commented	<input type="checkbox"/>			
Not Approved	<input type="checkbox"/>			



## SUBMITTAL FORM

**PROJECT:** Design and Build Contract For Cycle Track -Route 3 & 4 **Contract No.** P151119/2022/C/00  
**DATE:** 19-May-23 **Doc. No.** ACTPW-GCC-ST-ZZ-PQ-W-00016 **Rev.** P01

**TITLE:** Prequalification of M/s Material Lab for Material Testing Laboratory



**TO BE REVIEWED BY:** ☐ ALDAR ☒ ATKINS

**TYPE OF SUBMITTAL:**  
☐ Material Submittal ☐ Material Sample ☐ Method Statement  
☒ Pre-Qualification ☐ Reports ☒ Operational Procedures  
☐ Operational Maintenance Manual ☐ Other:

**DISCIPLINE:**  
☐ Architectural ☐ MEP ☐ Health & Safety  
☒ Structural ☒ Civil ☐ Other:

Rev	Date	Description	Verified
P01	19-May-23	Prequalification of M/s Material Lab for Material Testing Laboratory	

## REVIEW COMMENTS

### Comments by Consultant:

- The proposed Third party Laboratory is approved subject to compliance with the following comments:
1. Sampling and testing shall be done in accordance with the latest ISO standards, Authority requirements and Project specifications.
  2. All the tests shall be performed by experienced / competent personals only.
  3. Reporting format shall contain all the parameters required in related standards.
  4. Scope of service ( what are the tests shall be undertaken) to mention clearly.
  5. Random lab visit will be conducted by the Engineer to ensure the testing procedures and facilities are complying with the Project requirements.
  6. Subject to the satisfactory performance.

☐ A- Approved ☒ B- Approved as Noted ☐ C- Revise and Resubmit ☐ D- Rejected ☐ Other

**Name:** **Signature:** **Date:** 30/05/2023

☐ A- Approved ☐ B- Approved as Noted ☐ C- Revise and Resubmit ☐ D- Rejected ☐ Other

**Name:** Ayad Alsakar **Signature:** **Date:** 30/05/23

### Comments by ALDAR:

☐ A- Approved ☐ B- Approved as Noted ☐ C- Revise and Resubmit ☐ D- Rejected ☐ Other

**Name:** **Signature:** **Date:**

## FINAL STATUS

☐ Approved ☐ Approved as Noted ☐ Revise and Resubmit ☐ Rejected ☐ Other

**Name:** **Signature:** **Date:**

**SUBCONTRACTOR  
APPROVAL REQUEST**

<b>CONTRACT NO.</b>		<b>SCAR NO.</b>	UAE045-1201-INN-WP5-SE-PRQ-0006
<b>CONTRACT TITLE</b>	ELYSIAN I ELYSIAN I ELYSIAN MA	<b>REVISION NO.:</b>	0
<b>CONSULTANT</b>	ARIF & BIN ARIF & BIN ARIF & BINT	<b>DATE:</b>	15-Aug-23
<b>CONTRACTOR</b>	INNOVO B INNOVO B INNOVO BUI	<b>TITLE</b>	Prequalification of M/s. Material Lab
		<b>DISCIPLINE</b>	STRUCTURAL

TO: Engr. JEETENDRA MS

FROM: Engr. Mina Goris

**DESCRIPTION :**

Prequalification of M/s. Material Lab for Lab Services.

**LEAD SECTOR CONSULTANT'S COMMENTS :**

No objection subject to the following

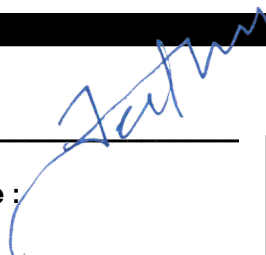
- Satisfactory performance
- testing as per activities accredited
- compliance with program requirements of the project
- method statement for activities like plate load test etc, it to be submitted

**CONTRACTOR'S REVIEW****SUBMITTAL STATUS**

SIGNATURE \_\_\_\_\_

APPROVED ☐APPROVED AS NOTED ☒REVISE & RESUBMIT ☐REJECTED ☐FOR RECORD ONLY ☐**LEAD SECTOR CONSULTANT'S SIGNATURE**For and on behalf of  
Arif & Bint oak

Date : \_\_\_\_\_

Mr Jeetendra Miriyappalli - Arif &  
Bint oak

Aug 16, 2023, 1:16 PM GMT+4:00



# THE GROVE - SAADIYAT ISLAND DEVELOPMENT

## PROJECTS

### Main Construction Works – Phase 02 – Plot P09

## Prequalification Submittal

Ref. No.

Subject of Submittal:

Status:

Rev. No.

Date:

Trade:

Innovo  
Checked By:Innovo  
Authorized By:

Item Description	Vendor Details	List of Enclosure (Tick the Related Box as applicable)
Vendor Name:		Company Profile
Scope of Work:		Licenses
Type of Service:		Certificates
BOQ Reference:		Organization Chart
Specs. Reference:		Previous Approvals
Remarks:		List of Previous Projects done
		Others:

Is The Proposed Vendor listed in the Approved Vendor List ?

Yes

No

N/A

Substitution Request Ref.

If No, specify the reason !

Rev.

Date.

ATKINS Comments:

Comments Sheet Attached

Yes

No

Reviewed By:

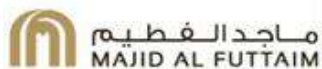
Assessed By:

Authorized By:

Status:

Date:

The Issuance of this document shall not relieve the Contractor from its Liabilities and Contractual Obligations.



## SUBCONTRACTOR APPROVAL REQUEST

CONTRACT NO. P1722  
CONTRACT TITLE Tilal Al Ghaf-Juma Mosque  
CONTRACTOR Al Ghurair Contracting & Engineering Works (AGCEW)

SCAR. NO. UAE045-000-AGC-PK1-PW-PRQ-0001  
REVISION NO.: 0  
REVISION DATE: 11 Jul 2023  
TITLE Material Lab  
DISCIPLINE Architectural

**SUBJECT: Pre-qualification of Material Lab**

**FROM : Mr. Ramy Mubarak**

Al Ghurair Contracting & Engineering Works (AGCEW)

**TO : Mr. Bashar Alsamarai**

Arif & Bintok Consulting Architects & Engineers

### DESCRIPTION :

S.N	No.	Rev.	Description	Issued For	Status
1	UAE045-000-AGC-PK1-PW-PRQ-0001	00	Material Lab	Approval	

### LEAD SECTOR CONSULTANT'S COMMENTS :

No Objection to appoint Material Lab (ML) as Soil and Construction material testing lab subject to the following conditions:  
1. ML will continuously abide by the Accreditation requirements of DM/DCL/EIAC throughout the project cycle  
2. ML will comply with the local authority regulations regarding all aspects of testing.  
3. ML will be conducting the EIAC-accredited tests only.  
4. ML will comply with the latest and updated Codes, Contract Documents and Standard construction industry practices throughout the project duration.

Mr Mohammed Rasheeduddin - Arif & Bintok

Aug 14, 2023, 12:39 PM GMT+4:00

### LEAD SECTOR CONSULTANT'S REVIEW

### SUBMITTAL STATUS

NAME & SIGNATURE _____	APPROVED NO COMMENTS	<input type="checkbox"/>
	APPROVED AS NOTED	<input checked="" type="checkbox"/>
	NOT APPROVED - RESUBMIT	<input type="checkbox"/>
	REJECTED	<input type="checkbox"/>
	FOR RECORD ONLY	<input type="checkbox"/>

### CONTRACTOR'S ACKNOWLEDGEMENT

NAME & SIGNATURE \_\_\_\_\_

Date : \_\_\_\_\_



# mirage



## SUBCONTRACTOR APPROVAL SUBMITTAL

<b>Project</b>	<b>The Valley Development, EDEN-NH01 (362 Townhouses), Dubai, UAE</b>	<b>Employer</b>	<b>M/s. Emaar Development PJSC</b>
<b>Engineer</b>	<b>M/s. Mirage Leisure and Development L.L.C</b>	<b>Contractor</b>	<b>M/s. Ginco General Contracting LLC</b>

<b>Discipline:</b>	<b>Struct S</b>	<b>Arch A</b>	<b>Mech M</b>	<b>Elect E</b>	<b>(Specify)</b>	<b>Submittal Ref:</b>	<b>GGC/144/SCR/CIVIL/002</b>	<b>REV. 01</b>
<b>Location:</b>	<b>All Site Mandatory Tests</b>					<b>Date:</b>	<b>11<sup>th</sup> July 2021</b>	
						<b>Unifier Record #:</b>		

### LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
01	Pre-qualification of M/s. Material Lab, for Laboratory Testing Services	02 Hard & 01 Soft	
REF. SPEC(s):	Project Specifications	REF. DRG(s):	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents.

<b>QA/QC Engineer</b>	<b>Construction Manager</b>	<b>Projects Director / Project Manager</b>

### ENGINEER'S COMMENTS

A ☐ B ☒ C ☐ R ☐

\* Refer to the attached comments sheet.

SITE: G-144	
RECEIVED	
No.	
Date:	15/7/2021
ACTION	INFO
Project Director	
Contracts Dept.	
Sr. PMPM	
C.M./P.E.	
Planning Dept.	
Technical Dept.	
QA/QC	
IS	
MEP Co-ordinator	
Accounts Dept.	
Purchase Dept.	
Site Clerk	
Sub-contractor	
File No.	

12/07/2021

**Resident Engineer**

Signature and date

Comments Sheet Attached: Yes ☒ No ☐

### EMPLOYER'S REPRESENTATIVE COMMENTS

\* Adhere to

A ☐ B ☒ C ☐



Name & Signature

Date

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per clause 3.1.c of Conditions of Contract (FIDIC 1999)

Approval Codes: A: No Objection B: No Objection subject to comments C: Objection, Revise & Resubmit R: For Information



# mirage



شركة الجينكو العامة للتقانة  
Ginco General Contracting LLC

## SUBCONTRACTOR APPROVAL SUBMITTAL

Project	AR III Development Phase-1A, 1B & 1D on Plot No. 6481192 Town Houses at Wadi Al Safa 5, Dubai, UAE	Employer	M/s. Emaar Development PJSC
Engineer	M/s. Mirage Leisure and Development L.L.C	Contractor	M/s. Ginco General Contracting LLC

Discipline:	Struct S	Arch A	Mech M	Elect E	(Specify)	Submittal Ref:	GGC/140/SCR/CIVIL/02	REV. 0
Location:						Date:	27-Jan-20	

### LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
01	Prequalification for M/s. Material Lab	03 Hard & 01 Soft	
REF. SPEC(s):		REF. DRG(s):	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents.

Initiator	QA/QC Manager	Projects Director
Name, Signature & date	Name, Signature & date	Eng. Shazly Abdel Hafeez Marwan

### REVIEWER'S COMMENTS

☐ A ☒ B ☐ C ☐ R Material Lab approved subject to the following:  
 \* Satisfactory performance & compliance with project specifications & requirements.  
 \* Prior approval for any on/off site works where applicable.  
 \* Full compliance with authorities regulations & requirements.

Name, Signature and date  
Comments Sheet Attached? Yes ☐ No ☐

ENGINEER/ EMPLOYER'S REPRESENTATIVE

A ☐ B ☒ C ☐ R ☐

Name & Signature

Date 03.02.2020

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per clause 3.1c of Conditions of Contract (FIDIC 1999)

Approval Codes: A: No Objection B: No Objection subject to comments C: Objections, Review & Resubmit D: For Information

## PROJECT TITLE:

R1068 Hotel Staff Accommodation at Warsan 3 on Plot No. 811-1445 (AW-719)

## SUPPLIER/SUBCONTRACTOR APPROVAL



Ref. No: SC-005

Rev: 0

Date: 12-10-2017

TO : M/s AL WASL AL JADEED CONSULTANTS (Attn: Mr. Sushil Srivastava, Project Manager)

Subject: Material Testing Laboratory

Scope ( Brief Description) : All Site Mandatory Tests

Submittal Status :

☐ Uncontrolled☒ Controlled

We are sending the Prequalification of the Supplier/Subcontractor :

☐ For Information☒ For Approval

Discipline: ☐ Architectural ☒ Structural ☒ Civil ☐ Mechanical ☐ Electrical

☐ Others (Specify).....

No. of copies submitted

Proj.: R1068 Hotel Staff Accommodation  
 Office AW-719  
☒ Hard Copy  
☒ Soft Copy

RECEIVED  
 3 Hard + 1 Soft  
 15 OCT 2017

Project specs. Ref. General Requirements / Schedule of Offices - 1.24.2

BOQ Ref. Section (A7-C) Please verify.

Location of use Complete project site

Name of Supplier/Subcontractor

Company Name &amp; Address:

P.O.Box 114717, Dubai, UAE

M/s. Material Lab

Telephone No.: 04-3405678

Fax No.: 04-3405677 Email: info@ajm.ae

QA/QC Manager:

Contractor's Representative

Signature

Date

Sign &amp; Date :

Don't leave blank

Eng. Faizuddin

Signature

Date

P.O.Box: 8692

Dubai - U.A.E.

## ENGINEER'S COMMENTS:

No objection to the proposed Laboratory subject to the following:

1. Submit Accreditation from DCH.
2. Submit complete list of tests which shall be carried out by the Lab. And the location of each type of test where it will be conducted.

Checked by: SUSHIL SRIVASTAVA

Signature

Sushil

Date: 15/10/2017

☐ A - Approved as submitted☒ B - Approved as noted incorporate & proceed☐ C - Revise & Re-submit before work proceeds☐ D - Not Approved

Received by Contractor

Contractor's Representative

Signature

Date

Distribution:

☐ Employer☐ Consultant☐ Contractor☐ Others

RECEIVED  
 15 OCT 2017  
 GINCO

## UNEC-Letter of Acceptance



اتحاد الهندسة الإنشائية (يونك) ذ.م.م

UNITED ENGINEERING CONST. (UNEC) L.L.C

Ref.: UNEC/ED/LOA/Laboratory/02/18

Date: March 12, 2018

To:

M/s. Material Lab

PO Box: 114717/ Dubai – UAE

Tel No. : 04 – 340 5678/ Fax No.: 04 – 340 5677

Attention: Mr. Sohail Zafar - Laboratory Manager (055-2243581)

Project: Various Projects

Subject: Letter of Acceptance for all Laboratory Test

Dear Sir,

With reference to the above mentioned subject, to your offer ref: Q/SZ/3438-A/2018 dated 12<sup>th</sup> February 2018, and as per our meeting held in our Sharjah Office, this is to confirm our acceptance to your offer to carry out **All Laboratory Testing Works**, in accordance with contract documents all as per specifications and requirements for the below project:

1. Job 290- Construction of Deira Mall @ Palm Deira

Payment Terms: Monthly Basis

Kindly confirm your unconditional acceptance by signing and stamp on this **Letter of Acceptance**.

Thanks & best regards,  
For UNEC

Duly authorized to sign on behalf of  
M/s. Material Lab

ENG. OMAR SHARAF  
EXECUTIVE DIRECTOR

Copy to: Eng. Jamal Mawahid / Vice Chairman  
Eng. Ammar Mawahid - CEO



	Tel.	Fax	P.O. Box	ص.ب	فاكس	هاتف	
Dubai	04-28 28 242	04-28 29 929	7510	7510	04-28 29 929	04-28 28 242	دبي
Sharjah	06-53 69 944	06-53 69 938	2181	2181	06-53 69 938	06-53 69 944	الشارقة
Abu Dhabi	02-64 26 112	02-64 26 113	112542	112542	02-64 26 113	02-64 26 112	أبوظبي
www.unec.ae				E-mail: info@unec.ae			

## Ghantoot Road Contracting (GRC)



P.O.Box 450474  
Dubai, United Arab Emirates  
Tel: +971 4 390 1190  
Fax: +971 4 366 4668  
www.tamdeen.ae

شركة تمدين  
دبي، الإمارات العربية المتحدة  
هاتف: +971 4 390 1190  
فاكس: +971 4 366 4668  
www.tamdeen.ae



Date: 04 SEP 2017

Our Ref: TAM/IF/OUT/013581

M/s WSP  
P.O. Box: 1924  
Sharjah, UAE  
Tel.: +971 6 598 1777 Fax: +971 6 598 1666

Attention: Mr. Richard Howard  
Head of Transport & Infrastructure

Dear Mr. Richard

Project: PT-163/4 – Innovation Hub  
Package: Infrastructure Works  
Subject: Prequalification Documents (Sub Contractor Approval)  
M/s Material Lab

With reference to your transmittal ref: 37455270-JD-3063 dated 28<sup>th</sup> August 2017, please be informed that we have no objection to your proposed sub-contractor, M/s Material Lab LLC for Testing Services subject to submission of necessary technical documents and comply with project specifications and standards.

This is for your information and necessary action.

With Best Regards,

  
P.P.   
Khalid Al Zarooni  
Director –Infrastructure Projects  
Infrastructure & Planning - Development & Planning

Enc: -Prequalification documents



Ref: L/AA9027/13.2/EFG/TJ/ms/3002

20<sup>th</sup> July 2016

M/s. Material Lab  
P.O. Box 114717  
Dubai  
United Arab Emirates

**For the attention of Mr. Naseem Anwar - Deputy Geotechnical Manager**

Dear Sirs,

**PROJECT NAME: PTA/MAR/062/1A – CONSTRUCTION OF AL GARHOUD  
MAINTENANCE FACILITY PACKAGE 1 (MARINE WORKS)  
SUB: GEOTECHNICAL INVESTIGATION WORKS (MARINE) - LETTER OF INTENT**

We refer to your quotation ref. Q-NA/G/0271/16/Rev2 dated 13<sup>th</sup> July 2016, we hereby confirm our acceptance to your price for carrying out the Geotechnical Site Investigation for the aforementioned Project, located in Dubai, UAE.

This letter of intent is subject to the following terms and conditions:-

1. Approval of M/s. Material Lab as the subcontractor for Geotechnical site investigation by the Engineer.
2. The subcontractor shall provide for submission to Client / Engineer, soft and hard copies of Geotechnical report.
3. The location of boreholes shall be in coordination with DBB subject to approval by the Client / Engineer.
4. Required coordinates of boreholes will be advised by DBB.
5. The subcontractor shall execute the works in accordance with the Main Contract Specification and to the satisfaction of the Engineer / Client.
6. The subcontract rates shall be as per your quotation ref. Q-NA/G/0271/16/Rev2 dated 13<sup>th</sup> July 2016 (copy attached).
7. The subcontractor shall commence the work on site by 23<sup>rd</sup> July 2016.
8. The subcontractor shall complete borehole drilling within 4 days upon mobilization and to submit laboratory test result within 5 days of completion.

Contd.../Page-2

PO Box : 8944, Dubai, UAE  
Telephone : +971 4 880 2288  
Facsimile : +971 4 880 1457  
Email : mail@dbb.ae  
Website : www.dutcobalfourbeatty.com

A Dutco Balfour Beatty Company

Dutco Balfour Beatty LLC  
Limited Liability Company  
Share Capital: AED 300,000  
Commercial Registry No. 41514

دتكو بلفوربيتي (ش.ذ.م.م.)  
شركة ذات مسؤولية محدودة  
رأس المال: ٣٠٠,٠٠٠ درهم  
رقم السجل التجاري: ٤١٥١٤

**ZEROHARM**  
MAKE SAFETY PERSONAL

ص.ب: ٨٩٤٤، دبي، ا.ع.م.  
هاتفون : +٩٧١ ٤ ٨٨٠ ٢٢٨٨  
فاكس : +٩٧١ ٤ ٨٨٠ ١٤٥٧  
البريد الإلكتروني: mail@dbb.ae  
www.dutcobalfourbeatty.com

WI AD 006/Jan. 2015

## Dutco Garhoud Marine 2016



Ref: L/AA9027/13.2/EFG/TJ/ms/3002  
Date: 20<sup>th</sup> July 2016

Page: 2

9. Any comments on the pre-qualification documents shall be incorporated in the final report.
10. Payment terms shall be 30 days upon submission of report and invoice.
11. The subcontractor shall fully comply with the Main Contractor's Health & Safety and Environmental Plan and in accordance with the Client Site Safety Rules for the development. Any non-compliance and / or breach of safety and environmental rules will result in fines being issued and deducted from the subcontract account.
12. The subcontract prices shall be inclusive of all labour, supervision, plant, equipment and other costs required for the successful completion of the subcontract works as per the main contract scope of GI.

This letter of intent is your authority to start the subcontract work.

A standard form of Subcontract Agreement / LPO will be forwarded for your acceptance and signature in due course.

Until and unless a Subcontract Agreement is signed between M/s. Material Lab and M/s. Dutco Balfour Beatty LLC, this Letter of intent shall be binding document between our companies for all relevant purposes.

We trust this arrangement is acceptable to Dubai Properties Group and thank you for your assistance in this matter.

**Accepted and Agreed**

For Dutco Balfour Beatty LLC

  
Ednor F. Garcia – Sr. Project Manager

**Accepted and Agreed**

For Material Lab

  
Naseem Anwar – Deputy Manager

## WSP – Ashjar Canopy Living Apartments

Client 	Consultant 	Main Contractor 
---	---	--

### DOCUMENT/MAT. SUBMITTAL SHEET

<b>PROJECT NAME</b>	ASHJAR CANOPY LIVING APARTMENTS	<b>DSS No.</b>	AS-MC014-DSS-15-0008
<b>PROJECT No.</b>	MC014	<b>Date</b>	18-Jan-15
<input type="checkbox"/> Architectural <input checked="" type="checkbox"/> Structural <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Other			
<b>Submittal No.</b>	AS-SBL-MC014-AB-GE-ST-TS-0004	<b>Rev. No.</b>	00
<b>Submittal Type</b>	<b>TECHNICAL SUBMITTAL</b>		
<b>Main Contractor</b>	SUSTAINABLE BUILDERS LLC		
<b>Subcon./Supplier</b>	M/s Material Lab		
<b>Subcon./Sup. Ref. #</b>			

REFERENCE	DESCRIPTION	REMARKS
DWG.	<b>PREQUALIFICATION DOCUMENT OF M/S MATERIAL LAB</b> (Independent Testing Laboratory)	
SPEC.		
B.O.Q		

Enclosure: ☐ Company Profile    ☐ Trade License    ☐ Test Reports    ☐ Other

**Location of use** : \_\_\_\_\_

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor:</b> SUSTAINABLE BUILDERS LLC.	<b>Signature:</b>  MUHAMMAD RASHID-SR. OPERATIONS MANAGER	<b>Received by:</b>  <b>Date:</b> _____
---	--	---

#### Consultant Review Comments

1- Satisfactory Performance and compliance with the project specification;  
 2-Renewal of all Certificates, Registrations and Licenses;  
 3- Prior Approval and/or permissions for any on/off-site works where applicable to be communicated with The Consultant.  
 4- Make sure that all relevant site works are always in compliance with the HSE Regulations and Requirements.

Consultant Decision	
<input type="checkbox"/>	Approved
<input checked="" type="checkbox"/>	Approved As Noted
<input type="checkbox"/>	Revise & Resubmit
<input type="checkbox"/>	Rejected
<input type="checkbox"/>	For Info. & Record Only

<b>Consultant (Name):</b>	<b>Signature:</b>	<b>Date:</b>
<b>Received by WSP Middle East</b>	<b>Signature:</b>	<b>Date:</b>

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Distribute to:**

<input checked="" type="checkbox"/> MR	<input checked="" type="checkbox"/> IA	<input checked="" type="checkbox"/> RD	<input checked="" type="checkbox"/> MJA	<input checked="" type="checkbox"/> RP	<input checked="" type="checkbox"/> PK/PP	<input checked="" type="checkbox"/> AB	<input checked="" type="checkbox"/> MK
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## WSP – Seventh Heaven (B+G+12 BLDG)




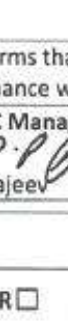
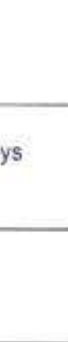
<b>DOCUMENT/MAT. SUBMITTAL SHEET (DSS)</b>			
<b>PROJECT NAME</b>	SEVENTH HEAVEN (B+G+12 BLDG)	<b>DSS NO.</b>	SH-MC013-DSS-14-0171
<b>PROJECT No.</b>	MC013	<b>Date:</b>	8-Dec-14
<input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Other			
<b>Document/Mat. Ref. #</b>	SH-SBL-MC013-AB-GE-SP-TS-0013		00
<b>Submittal Type</b>	<b>TECHNICAL SUBMITTAL</b>		
<b>Main Contractor</b>	SUSTAINABLE BUILDERS LLC		
<b>Subcon/Supplier</b>	M/s Material Lab		
<b>Subcon/Sup. Ref. #</b>			
<b>REFERENCE</b>		<b>DESCRIPTION</b>	
DWG. SPEC. B.O.Q		Prequalification Document of M/s Material Lab [Independent Testing Laboratory] Seventh Heaven	
<input type="checkbox"/> Product Catalogues <input type="checkbox"/> Compliance Statement <input type="checkbox"/> Test Reports <input type="checkbox"/> Sample			
<b>Location of use</b>		In between shoring wall and retaining wall	
<b>Contractor:</b>		<b>Signature:</b>	<b>Received by:</b>
SUSTAINABLE BUILDERS LLC.		MUHAMMAD RASHID-SR. OPERATIONS MANAGER	
		<b>Date:</b>	8-Dec-14
<b>Consultant Review Comments</b>			
<b>This submittal is approved subject to:</b> 1- Original Catalogue to be submitted; 2- Satisfactory Performance and compliance with the project's specification; 3- Renewal of all Certificates, Registrations and Licenses; 4- Prior Approval and/or permissions for any on/off-site works where applicable; 5- Make sure that all relevant site works are always in compliance with the HSE Regulations and Requirements.		<b>Consultant Decision</b> <input type="checkbox"/> No Objection <input checked="" type="checkbox"/> No Objection with Comments <input type="checkbox"/> Revise and Resubmit <input type="checkbox"/> Rejected	
<b>Consultant (Name):</b>		<b>Signature:</b>	<b>Date:</b>
Ehab Salama		13-01-15	
<b>Received by WSP Middle East</b>		<b>Signature:</b>	<b>Date:</b>
<small>Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.</small>			
<b>Distribute to:</b>			
<input type="checkbox"/> MS <input type="checkbox"/> MR <input type="checkbox"/> ID <input type="checkbox"/> DM <input type="checkbox"/> HR <input type="checkbox"/> CR <input type="checkbox"/> RD <input type="checkbox"/> MSA <input type="checkbox"/> PK <input type="checkbox"/> PP <input type="checkbox"/> FP <input type="checkbox"/> EC <input type="checkbox"/> MA <input type="checkbox"/> UK <input type="checkbox"/> Material Lab			

**EMAILED**  
 14 JAN 2015  
 By: .....

Sheet 1 of 1

FORM NO. SB-F-04 Rev. 0

## WSP – Bvlgari – Hotel Residence Project

 <b>WSP</b> WSP Middle East Ltd.	 <b>FAITHFUL+GOULD</b>	 <b>ALEC</b> Building Excellence	
<b>KA5 - 037 GENERAL SUBMITTAL</b>			
<b>Project :</b> Bvlgari – Hotel Residence Project		<b>Employer :</b> Meraas	
<b>Engineer :</b> WSP Middle East Ltd.		<b>Project Management :</b> Faithful + Gould	
<b>Discipline:</b>	Civil    Struct    Mech    Elect    Arch    General	<b>Submittal Ref:</b> BHR-ALE-CI-PRQ-0010	<b>REV. 0</b>
<b>Location:</b>	Site Wide	<b>Date:</b>	24-Dec-14
<b>LIST OF SUBMITTED ITEMS:</b>			
<b>Item</b>	<b>Description</b>	<b>No. of Copies</b>	<b>Remarks</b>
1	Prequalification Documents for Testing Laboratory (Material Lab)	1	For review and Approval
<b>REF. SPEC(s):</b>		<b>REF. DRG(s):</b>	
<b>COMPLIANCE STATEMENT</b>		The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents.	
<b>Initiator</b>  Date :		<b>QA/QC Manager</b>  John Sajeev    Date : 24.12.14	<b>Project Manager</b>  Nell Shackleton    Date : 24/12/14
<b>REVIEWER'S COMMENTS</b>			
<b>WSP (STR/MEP)</b> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/> This submittal is approved subject to:		<b>ARCHITECTS</b> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/>	
1- Original Catalogue to be submitted; 2- Satisfactory Performance and compliance with the project's specification; 3-Renewal of all Certificates, Registrations and Licenses; 4- Prior Approval and/or permissions for any			
on/off-site works where applicable: Ehab Salama    07-01-2015 5- Make sure site works are always			
Name, Signature and date Comments Sheet Attached? Yes <input type="checkbox"/> No <input type="checkbox"/>		Name, Signature & Date Comments Sheet Attached? Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>ENGINEER/ EMPLOYER'S REPRESENTATIVE</b>		A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/>	
<b>Name &amp; Signature</b>		<b>Date</b>	
Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per clause 3.1.c of Conditions of Contract (FIDIC 1999)			
Approval Codes: A: No Objection B: No Objection subject to comments C: Objection, Revise & Resubmit R: For Information			

## ARC International

Ref: ARC/1335-PR/15/JDY15047  
Date: 12<sup>th</sup> January 2015  
Page 1 of 3



Material Lab  
P.O.Box: 114717,  
Dubai

Att: Eng. Naseem Anwar  
Geotechnical Manager

Dear Eng. Naseem,

**Project :** Private Resort at Jumeira Island- 2 on Plot No. 3040510

**Subject:** Letter of Award – Geotechnical Investigation Works

With reference to the above mentioned project and your quotation (ref:Q-NA/G/0552/14 dated 31<sup>st</sup> Dec. 2014 and revised quotation Q-NA/G/0552/14/rev dated 12<sup>th</sup> January 2015, we are pleased to confirm your appointment M/s. Material Lab to carry out the Geotechnical Investigation Works and as per following conditions:

### Project team:

1. Client : H.H. Shaikh Hamdan Bin Rashid Office at Zabeel
2. Authority : Dubai Municipality
3. Consultant : ARC International Engineering Consultants
4. Geotechnical Sub-Contractor : M/s. Material Lab :

P.O. Box: 114717, Dubai,  
Tel. 04-3405678, Fax 04-3405677,  
E-mail: mldubai@mlab.ae  
Contact Person :  
Eng. Naseem Anwar – Geotechnical Manager

- Plot location: Jumeira Island- 2, Plot No. 3040510

Director  
J.Darshan  
043405678

Associates  
B Spoorry  
043405678  
P. Bones  
043405678  
K. Harkin  
043405678

ARC International  
Office 2101, 2<sup>nd</sup> Floor  
U-BORA TOWER  
Burj Khalifa Area  
Business Bay  
Dubai  
United Arab Emirates

Telephone  
+971 4 430 8800  
Facsimile  
+971 4 453 7378  
Email  
info@arc.ae  
Web  
www.arc.ae



## Appendix D

PCD-QSC-FMT-055

# Musanada Approval – Al Wathba



Thomas  
& Adamson



## SUB-CONTRACTOR PREQUALIFICATION SUBMITTAL - SCPS

### Part A: Project Information:

Project Name	Design & Build Upgrading of Existing Punitive & Reformatory Buildings Complex, Al Wathba	SCPS.Ref.No	A127-GTGC-BD-PQ-CIV-028
Employer	Abu Dhabi General Services Company (Musanada)	Rev.No	00
PMC	Thomas & Adamson	Date of Submission	30-Jan-19
Engineer	CORE Engineering Consultancy LLC	SCPS Submitted By	
Contractor	Ghantoot Transport & General Contracting LLC	SCPS Submitted To	

### Part B: Sub-Contractor Discipline:

Related Disciplines	<input checked="" type="checkbox"/> Civil	<input type="checkbox"/> Architectural	<input type="checkbox"/> Electrical
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Others (Security)	

### Part C: Sub-Contractor Details:

Item Description	Details	List of Attachments (Tick all provided attachments)
Name	Material Lab Testing Services LLC	<input checked="" type="checkbox"/> Valid Membership of Chamber of Commerce.
Construction Activity/Trade	Soil Investigation	<input checked="" type="checkbox"/> Valid Municipality License
Overall Experience	23 Years	<input checked="" type="checkbox"/> Pre-qualifications.
Experience Related to the Project	Yes	<input type="checkbox"/> Vendor List
Sub-Contractor/Supplier mentioned in Vendor List?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Other Valid licenses: (Specify .....)
Sub-Contractor's Address/ Location	As attached license	
Contact Person	Mr. Mohammed Uzair	
Mobile Number	055 2243586	
Is Sub-Contractor Certified for any Quality Standard? (If yes, Specify?)	Yes – ISO 9001: 2015, ISO 14001:2015	
Is Sub-Contractor Certified for any HSE Standard? (If yes, Specify?)	Yes – OHSAS 18001: 2007	

Ghantoot Group (Orig. Divn.)	
PROJ. Job : A-0127	
DATE	
Checked:	
PD	
CM / CR	
P.F.	
PLND, ENGR.	
MR	
ARCH. ENGR.	
S.T.	
QA/QC	
SAFETY	
SECURITY	
Gen Contractor	
Any Spcl. Inspections:	

05 FEB 2019

Page 1 of 2

Form Ref: TMT132, Rev1, Date: 00-Feb-17

## Musnada Approval – Al Wathba



<b>Contractor's Review:</b>					
We do certify that the submitted information herewith has been reviewed in details and in accordance with the Contract Documents except as otherwise stated here above.					
	<b>Discipline Engineer</b>	<b>Design Manager</b>	<b>Project Manager</b>		
<b>Name</b>		E. Ahmed Moner	E. Seif-Goudah		
<b>Signature</b>					
<b>Date</b>					

<b>Part F: Employer/ Engineer Review and Approval<sup>1</sup>:</b>				
<b>Employer/ Engineer's Comments</b>				
<b>Employer/ Engineer Decision</b>	<input checked="" type="checkbox"/>	<b>A: Approved</b>	<input type="checkbox"/>	<b>B: Approved with Comments</b>
	<input type="checkbox"/>	<b>C: Revise &amp; Resubmit</b>	<input type="checkbox"/>	<b>D: Rejected</b>
	<input type="checkbox"/>	<b>Noted the Information- No further action</b>		

Note(1): Employer's/ Engineer's approval is for conformance with information given and design concept expressed in Contract Documents. Approval does not authorize changes to Contract Documents. Employer's/ Engineer's approval does not relieve the Contractor from his contractual obligation to ensure conformance to all Contract Documents. Any deviations, to the Contract Documents found subsequent to Employer's/ Engineer's approval are to be corrected by the Contractor at no extra Cost/Time to the employer.

<b>Employer/ Engineer Approval :</b>		
	<b>For Engineer</b>	<b>For Musnada</b>
<b>Name</b>		
<b>Designation</b>	Sulayman RE	
<b>Signature</b>		
<b>Date</b>	4-7-2018	04/07/2018



## Ali Mousa & Sons Contracting



CID : 1751  
P-5485

Ref. AMSC/C1801/2/ 180 – 19  
Date 30 January 2019

**M/S :** MATERIAL LAB  
P.O BOX 114717 – DUBAI - UAE  
Tel. 04 - 3405678 F: 04 3405677  
**Attn.** MR. SOHEL ZAFAR (LABORATORY MANAGER) – 0552243581

**Project :** Construction, Commissioning, Testing and Completion of the Dragon City  
Mixed Use Complex at International City - Contract no.: DMS 146291

**Subject :** Confirmation Letter for Material Testing

Dear Sirs,

With Reference to the above mentioned Subject, your quotation ref. **Q/SZ/4158/2019** dated **30-01-2019**; please find herewith our work Order for material testing all as per the technical specifications, Project & Consultant requirements and as follows:-

**Definitions:**

The following works & Phrases have the meanings indicated alongside them unless explicitly clear from the text or the context requires otherwise:

- a) **M/s. Ali Mousa & Sons Contracting** hereinafter called in this work order as the “**First Party**”, with the registered address at P.O Box 22484 Sharjah UAE.
- b) **M/s. MATERIAL LAB** called in this work order as the “**Second Party**”, with the registered address at P.O Box 114717 – Dubai, UAE.

**Second Party Scope of works as listed below:-**

S#	Description	Unit	Rate
<b>A</b>	<b>SOIL TESTS</b>		
~ A-1	In situ density compaction test	No	
~ A-2	Moisture content	No	
~ A-3	MDD Proctor compaction test	No	
~ A-4	Sieve Analysis	No	
~ A-5	Liquid Limit ,Plastic limit & Plasticity Index (Atterberg Limits of Soil)	No	
~ A-6	Plate load test ( Excluding Load arrangement)	No	
~ A-7	California Bearing Ratio	No	

Page 1 of 4

Head Office – Sharjah : Tel.: +971 6 53 11 444, Fax: +971 6 53 11 404, P.O Box: 22484 Sharjah, UAE  
Dubai Office : Telefax: +971 4 258 99 25, P.O Box: 89056, Dubai, UAE  
Abu Dhabi Office : Telefax: +971 2 551 99 20, P.O Box: 34921, Abu Dhabi, UAE  
Branches : (UAE) Ajman – Fujairah, (International) Saudi Arabia  
E-Mail: contracting@ams.ae – W: www.ams.ae



# China State Construction Engrg Middle East-Aykon Tower



中建中東有限公司  
CHINA STATE CONSTRUCTION ENGRG. CORP. (MIDDLE EAST) (L.L.C.)

Ref: CSC-BD/PD/SA/AKC-TC/ML-LT/006

## Services Agreement

This Services Agreement (hereinafter referred to as "Agreement") is made and entered into this 06 day of Dec., 2018.

### **BETWEEN**

**China State Construction Engineering Corporation (Middle East) (L.L.C.)** (hereinafter referred to as "CSCEC") whose registered office is at P.O. Box 63932, Dubai, United Arab Emirates.

### **AND**

**Material Lab Testing Services L.L.C** (hereinafter referred to as "MLAB") whose registered office is at P.O. Box 5784, Dubai, United Arab Emirates.

(Collectively CSCEC and MLAB are referred to as the "Parties" and individually as "Party").

### **WHEREAS**

MLAB agrees to provide the **Laboratory Testing and On Site Testing** (hereinafter referred to as "Services") for **PROPOSED 3 BASEMENT LEVELS+GF+10 PODIUM FLOORS+AMENITIES+49 RESIDENTIAL APARTMENTS TOWER "AYKON CITY" - TOWER C ON PLOT NO 3460164 BUSINESS BAY AREA, DUBAI UAE** (hereinafter referred to as "Project"), in accordance with the terms and conditions stipulated hereinafter.

### **NOW IT IS HEREBY AGREED BY PARTIES AS FOLLOW:**

#### **1. Service Sum:**

This is a unit rate agreement. The unit rate is fixed for the project period. The unit rate in the Schedule of Rates (refer to Appendix 1) shall include for all costs and expenses necessary for the execution and completion of the scope of services. Such costs and



Page 1 of 12

China State Construction Engineering Corporation (Middle East) (L.L.C.)

P.O.Box: 63932 Dubai, U.A.E. Tel: 04-4531360 Fax: 04-4531360

P.O.Box: 130933 Abu Dhabi, U.A.E. Tel: 02-6507500 Fax: 02-6501360



*Handwritten signature*

## Belhasa Six Construct L.L.C



Materials Lab Testing Services LLC  
P O Box 114717  
Dubai, UAE

For the Attention of Mr. Sohail Zafar –  
Laboratory Manager (Telephone +971 55 224 3581)

Date : 18 December 2018

Ref: 1013-2C-MLT-DRO-LT-00356

Project :  
Project R1013/2C  
Improvements Of Al Shindagha Corridor  
Phase 2C – Main Bridge Crossing

Contact :

David Roberts  
Mob. : 056 416 3599  
Fax. +971 04 551 53 93  
Email : droberts@sixco.ae

Enclosure(s) :

As mentioned

Copy to: Q.S.

**Project Name :** Improvements of Al Shindagha Corridor Phase 2C – Main Bridge Crossing (Infinity Bridge)

**Subject :** Letter of Award for Material and Laboratory Testing

Dear Sir,

Please find attached one original of the above referenced Letter of Award dated 14<sup>th</sup> November 2018 reference 1013-2C-M LT-DRO-LT-00262 for your records.

To complete the formalities, please provide the following documentation:

1. Trade Licence
2. VAT registration Document
3. Workmen's Compensation Insurance Policy

Your Faithfully  
For Belhasa Six Construct LLC

Nicolas Bruyninckx  
Project Manager

شركة بالحصا سيكس كونستراكت ذ.م.م.  
دبي، الإمارات العربية المتحدة  
تأسيس ٢٠٠٥

هاتف: +٩٧١ ٤ ٣٤٧٢٧٧٧  
فاكس: +٩٧١ ٤ ٣٤٧٣٥١٢

BELHASA SIX CONSTRUCT L.L.C.  
Dubai, United Arab Emirates  
P.O. Box 13065

Tel +971 4 3472777  
Fax +971 4 3473512  
www.besix.com



Material Testing Services for Construction of 916 Villas  
at Cluster 'Basswood' 'Mimosa' 'Amazonia' Phase 6  
'Akoya Oxygen,' Master Development on Plot 9160101,  
Al Yufrah 2, Dubai, UAE




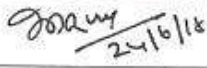
CONSULTANCY SERVICES AGREEMENT

ATC-DXB-AKOYA-AGR-18-JVA-0062

September 2018



## ENERGOPROJEKT – Dubai Harbour

			P.O.Box 46725, Dubai, UAE ☎ : +971 4 3356751 📠 : +971 4 3356754		<b>DOCUMENT TRANSMITTAL ADVICE</b>		Pages: 1 + Attachment (s)
<b>Contract No.: S004-Dubai Harbour Design, Supply, Installation, Testing and Commissioning of (2) Nos. 132/11kV (MRNAHRBR &amp; SEYAHIST) at Dubai Harbour</b>					<b>Transmittal Number EPE-SIEMENS-S004-DTA-0332</b>		
Forwarded To:					Type of Status		
M/s. Attn.	SIEMENS LLC Mr. Muzaffar Hussain Project Manager				A - Approved as submitted B - Approved earlier and revision noted C - Approved for manufacturing subject to compliance with the comments. Resubmit for records D - Comments as per the attached marked up copy of the drawing E - Comments as per the attached comments sheet F - Revise the drawings as per the comments and resubmit for approval G - Vendor's responsibilities for compliance with the requirements of the specification and not for approval / comments.		
M/s Info:	Dubai Electricity and Water Authority Mdm. Raja Mohammad Ali Abdulrahman Project Manager -Transmission Power - Transmission Projects P.O.BOX 564 Dubai, UAE						
Item No.	Document No.	Rev.	Contractor's DTS Ref	Description	Status		
1	S004/Dubai Harbour	1	DTS/0332	Geotechnical Investigation Report	B		
Remarks: Comments Sheet attached							
Originator's Signature			Designation		Date		
			Ramachandran Nair T. P. Project Manager		Sunday, June 24, 2018		
Please acknowledge receipt by returning one signed copy of this sheet (or fax confirmation to be attached).							
Receiver's Signature			Designation		Date		

Note: The comments and / or approvals in no way relieves the Contractor from his obligations in the Contract to ensure conformance to the specifications as well as any modifications found necessary by Engineer / DEWA during installation for satisfactory commissioning and operation of equipment / works on Contract. Any deviations from the specification found subsequent to approval are to be corrected by the Contractor to the satisfaction of Engineer / DEWA.

## ETIHAD RAIL



Makeen Tower, Level 17  
PO Box 989, Abu Dhabi, UAE  
Tel: +971 (0)2 499 9999 Web: www.etihadrail.ae

**Transmittal Number: S23-IFI-JBS-CSK-00097**

**Project Reference: S23**

**To:** CSK-China State-SK Engineering JV **Issue Date:** Tue, 23 Jul 2019 12:56

**From:** JBS-Jacobs Engineering Group **Return By Date:** -

**Issue Reason:** IFI-Issued for Information

**Summary:** C0303-S02-EBB-PF-00001-00-Pre-Qualification Documents for Material Lab

**Notes/Instructions:**

**Attached Documents:**

Document Number	Rev	Title	Contract Number	Acceptance Code
C0303-S02-EBB-PF-00001	00	Pre-Qualification Documents for Material Lab	C0303-Package A Design & Build	01-Accepted

**Distribution:**

Name	Reason	Delivery Method
Rajesh Saldhi	N - Notification	System Notification
Richard Connelly	N - Notification	System Notification
DCC	N - Notification	System Notification
DCC1 CSK	N - Notification	System Notification
DCC2 CSK	N - Notification	System Notification
DCC2 EGS	N - Notification	System Notification
DCC3 JBS	N - Notification	System Notification

**Marsa Al Arab**

14 Al Seef St - Dubai  
Dubai  
United Arab Emirates

**ATKINS**

MAIL TYPE  
Transmittal

MAIL NUMBER  
ATKINS-TRANSMIT-000098

REFERENCE NUMBER  
ATKINS-WTRAN-000155

## Re: Final (WF-000301) [C] Prequalification Submittal Workflow (Civil/Arch) [ATKINS External Review]

From Atkins Site Office - Marsa Al Arab - ATKINS

To Mr Bhaskar Durgaiah - ASGC Construction LLC

Cc (19) Mr Onsy Tous - ASGC Construction LLC (+18 more...)


Sent Wednesday, 10 July 2019 2:35:41 PM GST (GMT +04:00)

Reason Issued for Construction

Status N/A

### ▼ DOCUMENT ATTACHMENTS (1)

(0 selected)

File	Document No	Revision	Revision Date	Title	Status
	MAA-ASGC-CIV-PRN-000023	1	13/06/2019	Prequalification of M/s Material Lab for Laboratory Testing Services	B - Approved As Noted

### ▼ ATTRIBUTES

Attribute 1 04 Civil

Attribute 2 01 Project Wide

Attribute 3 Construction

### ▼ MESSAGE

Dear Bhaskar,

Please find enclosed superseded document for your information and further action where required.

Regards,  
Atkins Site Office - Marsa Al Arab JBH Phase 5

Date: 04 SEP 2017

Our Ref: TAM/IF/OUT/013581

M/s WSP  
P.O. Box: 1924  
Sharjah, UAE  
Tel.: +971 6 598 1777 Fax: +971 6 598 1666

Attention: **Mr. Richard Howard**  
**Head of Transport & Infrastructure**

Dear Mr. Richard

Project: **PT-163/4 – Innovation Hub**  
Package: **Infrastructure Works**

Subject: **Prequalification Documents (Sub Contractor Approval)**  
**M/s Material Lab**

With reference to your transmittal ref: 37455270-JD-3063 dated 28<sup>th</sup> August 2017, please be informed that we have no objection to your proposed sub-contractor, M/s Material Lab LLC for Testing Services subject to submission of necessary technical documents and comply with project specifications and standards.

This is for your information and necessary action.

With Best Regards,

V.P

  
Khalid Al Zarooni **TAMDEEN L.L.C.**  
Director –Infrastructure Projects  
Infrastructure & Planning - Development & Planning

Enc: -Prequalification documents





# **Company License**

ماتيريال لاب  
**Material Lab**



## رخصة مهنية Professional License

### تفاصيل الرخصة / License Details

License No.	129369	رقم الرخصة
Trade Name	MATERIAL LAB	الإسم التجاري
Legal Type	Sole Establishment	الشكل القانوني
Expiry Date	03/02/2025	تاريخ الانتهاء
D&B D-U-N-S ®	561287058	رقم الرخصة الام
Register No.	رقم السجل التجاري	عضوية الغرفة
Issue Date	04/02/1996	تاريخ الإصدار
Main License No.	129369	
DCCI No.	155987	

### الاطراف / License Members

Share / الحصة	Role / الصفة	Nationality / الجنسية	Name / الإسم	No./رقم الشخص
	Est. Owner / مالك مؤسسة	United Arab Emirates / الامارات	سعيد احمد ناصر لوتاه	8539
	Manager / مدير	United Arab Emirates / الامارات	يحيى سعيد احمد ناصر لوتاه	28522
			SAEED AHMAD NASSER	
			YAHYA SAEED AHMAD NASSER	
			LOOTAH	

### نشاط الرخصة التجارية / License Activities

Chemical & Biological Laboratory	مختبر تحاليل كيميائية وبيولوجية
Environmental Testing & Inspection Services	خدمات فحص ومراقبة البيئة
Soil Analysis Services	خدمات فحص التربة

### العنوان / Address

Phone No	971-4-3405678	تليفون	P.O. Box	114717	صندوق بريد
Fax No	971-4-3405677	فاكس	Parcel ID	369-465	رقم القطعة
Mobile No	971-50-6454664	هاتف متحرك	Email	maitha@ssloutah.com	البريد الإلكتروني
					ارض ملك عقارات حكومة دبي - القوز الصناعية

### الملاحظات / Remarks

تم اضافة النشاط 13/10/2015  
تم اضافة نشاط في 28.01.2016  
تم حذف النشاط في 04/06/2020

Print Date 29/02/2024 14:29 تاريخ الطباعة

Receipt No. 15563138 رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على إذن الدفع.  
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وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة  
this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate

Abu Dhabi Unified Licence  
رخصة أبوظبي الموحدة

Licence Details		تفاصيل الرخصة	
Licence Type	Business	نوع الرخصة	تجارية
Licence Category	Normal	فئة الرخصة	عادية
Economic Licence No.	CN-1177026	رقم الرخصة الاقتصادية	
Unified Registration No.	101-2021-100036798	رقم التسجيل الموحد	
Customs No.		الرقم الجمركي	
ADCCI No	277156	رقم عضوية الغرفة	
MOHRE Establishment Card No.	755369	بطاقة المنشأة - وزارة الموارد البشرية والتوطين	
ICP Establishment Card No.		بطاقة المنشأة - الهيئة الاتحادية للهوية والجنسية	
Establishment Date	25/03/2010	تاريخ التأسيس	
Issuance Date	19/07/2024	تاريخ الإصدار	
Expiry Date	04/08/2025	تاريخ الإنتهاء	
Legal Form	Limited Liability Company	الشكل القانوني	شركة ذات مسؤولية محدودة
Trade Name	MATERIAL LAB TESTING SERVICES L.L.C.	الإسم التجاري	ماتيريال لاب لخدمات الفحص ذ.م.م

Ownership and Representatives		الملكية والممثلين	
Representative of	الدور/المنصب Role/Position	الجنسية Nationality	الاسم Name
	شريك Partner	الإمارات العربية المتحدة United Arab Emirates	مجموعة اس اس لوتاه انترناشيونال للاستثمار ش.ذ.م.م S S LOOTAH INTERNATIONAL INVESTMENT GROUP L.L.C
	شريك Partner	الإمارات العربية المتحدة United Arab Emirates	يحيى سعيد احمد ناصر لوتاه YAHYA SAEED AHMAD NASSER LOOTAH
	مدير Manager	الإمارات العربية المتحدة United Arab Emirates	يحيى سعيد احمد ناصر لوتاه YAHYA SAEED AHMAD NASSER LOOTAH

Licenced Activities		الأنشطة المرخصة	
- Building Material Testing Lab	7120007	- مختبر فحص مواد البناء	
- Onshore And Offshore Oil And Gas Fields And Facilities Services	0910018	- خدمات حقول ومنشآت النفط والغاز البرية والبحرية	
- Environmental consultancy and studies and researches	7210202	- الاستشارات والدراسات والبحوث البيئية	
- Chemical and Biological Analysis Lab	7120002	- مختبر تحاليل كيميائية وبيولوجية	
- Geological and geophysical consultancy and studies and researches	7210102	- الاستشارات والدراسات والبحوث الجيولوجية والجيوفيزيائية	
- Soil Testing Services	7120001	- خدمات فحص التربة	
- Mechanical and Physical Tests Lab	7120015	- مختبر الفحوص الميكانيكية والفيزيائية	

للتحقق من الرخصة الاقتصادية، يرجى زيارة خدمة "تحقق" على [www.tamm.abudhabi](http://www.tamm.abudhabi) أو خدمة TAHAQAQ على [www.tamm.abudhabi](http://www.tamm.abudhabi)



## **List of Major Projects**



## Our Major Projects

No	Client	Project Name	Contractor	Consultant
1	<b>Abu Dhabi Airports Company PJSC</b>	Infrastructure & Public Realm Project at Ba Al Ghaiyam Abu Dhabi, UAE	Dar Al Handasah Consultants (Shair and Partners) Beirut-Lebanon SAL - Abu Dhabi	
2	<b>Abu Dhabi Municipality</b>	Development of Roads Infrastructure & Streetscape at Khalifa City	Bin Hafeez Gen. Contracting	Parsons
3	<b>Abu Dhabi Ports</b>	Khalifa Port Container Terminal 1	China Harbour Engineering Company LLC	Jacobs
4	<b>Abu Dhabi Ports</b>	Expansion of Container Terminal 1 at Khalifa Port	China Harbour Engineering Company LLC	Jacobs
5	<b>ADNOC Distribution</b>	AJ-445 Design and Building 3 Services Station in Sharjah, UAE for M/s Adnoc	Amana Contracting & Steel Building Company WLL	DORSCH GRUPPE
6	<b>ADNOC Distribution</b>	AJ-444 Design and Building (1) No. Tawj Hasan Service Station in sharjah, UAE for M/s Adnoc	Amana Contracting & Steel Building Company WLL	DORSCH GRUPPE
7	<b>ADNOC Distribution</b>	Design and Build of Three Service Stations in Emirates of Ajman UAE	Amana Contracting & Steel Building Company WLL	DORSCH GRUPPE
8	<b>ADNOC Distribution</b>	Design and Build of Three Service Stations in Emirates of Ajman UAE	Amana Contracting & Steel Building Company WLL	DORSCH GRUPPE
9	<b>AECOM</b>	Meydan One Development Roads & Infra Phase 2A	Al Daniya Contracting LLC	AECOM
10	<b>AH Investments</b>	South Heights	G & B - Gammon & Billimoria LLC	M/s. Maks Engineering Consultants
11	<b>Al Barari</b>	Ashjar Phase - 2 Al Barari, Dubai, U.A.E.	Sustainable Builders LLC	WSP
12	<b>Al Farwaniya</b>	Reem Mall- Reem Island Abu Dhabi	Al Farwaniya	Dewan Architects + Engineers
13	<b>Al Futtaim</b>	Holiday Inn Hotel	Al Jaber L.E.G.T.Engineering & Contracting (ALEC) LLC	Arif & Bintok



14	<b>Al Tajir Real Estate</b>	Construction, Completion and Maintenance of Prudential Towers	SEG Society of Enterprise at de Gestion Emirates Contracting	Al Hilal Engineering Consultant
15	<b>Al Wasl Asset Management Group</b>	P-294 Aloft Hotel & Apartments	Al Shafar General Contracting LLC	Kling
16	<b>Arabtec Construction LLC</b>	Rest House Phase 2 at Zayed Military City	APG	APG
17	<b>Arada Development LLC</b>	Al Jada Development	Jacobs	Jacobs
18	<b>Bin Shafar Holdings</b>	G+P+10 Residential Development P-81	Al Shafar National Contracting	Arkiplan Consulting Architects & Engineers
19	<b>Blue Water</b>	Blue water wharf Development	ASGC	WSP
20	<b>China State Const. Engineering Corp.</b>	Act one/Act Two on Plots C1 & C2 at Downtown Dubai Development	Emaar Properties PJSC	Archgroup
21	<b>DAEP</b>	PTB, Al Maktoum International Airport Dubai, UAE	Al Jaber Engineering & Contracting LLC	DAR Al Handasah Shair & Partners
22	<b>DAMAC Crescent Properties LLC</b>	Road & Infrastructure Works of Akoya Oxygen Master Development	Nael & Bin Harmal Hydroexport Co. L.L.C.	KEO International Consultant
23	<b>Damac Frontline Investment Management Co. LLC</b>	Akoya Oxygen 455 Villa & Row Houses in VP 24 (AQUILEGIA) Cluster T	Arabtec Construction LLC	CONIN Consulting Engineers
24	<b>Damac Frontline Investment Management Co. LLC</b>	Akoya Oxygen 1296 Villas & Row Houses in P5 VARDON CL-R & ALBIZIA CL-W	Arabtec Construction LLC	ATK Engineering Consultants
25	<b>Dar AL Handasah</b>	Dubai International Airport PK 12 Package	ALEC Engineering & Contracting LLC	DAEP



26	<b>Dar AL Handasah</b>	Dubai International Airport Expansion Phase 3 Concourse-4	ALEC Engineering & Contracting LLC	DAEP
27	<b>Deira Water Front Development</b>	Dubai Water Front	Studio International Engineering	Studio International Engineering
28	<b>DEWA</b>	132/11 KV School Substion	Ghantoot Group	Ghantoot Group
29	<b>DEWA</b>	800 MW solar Power Project	ACCIONA	ILF consulting Enginners
30	<b>Dubai Airports</b>	Modular Data Centre Complex-Dubai Airports	Al Jaber Engineering & Contracting LLC	Atkins
31	<b>Dubai Electricity &amp; Water Authority (DEWA)</b>	DEWA Staff Accomodation	Ali Moosa & Sons Contracting	Archdome Consulting Engineering
32	<b>Dubai Hills Estate LLC</b>	G-137 Collective 1.0 (B+G+16+M) Resi. Tower Main Work	Ginco General Contracting LLC	M/s Rice Perri Ellis
33	<b>Dubai Investment Properties</b>	J-287 B+G+38 Floor Mixed Use Development, and Multi-Storey Car Park	United Engineering Construction (UNEC)	Arkiteknik International Consultant
34	<b>Dubai Investment Real Estate</b>	Mirdif Hills	ECC	
35	<b>Dubai Municipality</b>	Dubai Library	ASGC	ACG
36	<b>Dubai Parks &amp; Resort</b>	Six Flag Theme Park	Al Shafar General Contracting LLC	Dynamic Engeneering
37	<b>Dubai Properties Group</b>	1388 Villas-Villanova Phase 1	Arabtec Construction LLC	Atkins
38	<b>Dubai Sports City , Dubai U.A.E.</b>	Fortuna Village	Nablus Road Contracting	ACE
39	<b>EMAAR</b>	EM-744 Dubai Creek Harbour Development ,Mainland Infrastructure-Extension of North Bridges	Wade Adams Contracting LLC	Parsons Overseas Limited



40	<b>EMAAR</b>	EXPO 2020 Development-Mobility Pavilion	ALEC Engineering & Contracting LLC	Fosters & Partners
41	<b>Emaar</b>	Dubai South Mall EXPO 2020	Arabtec Construction L.L.C	Atkins/JJL
42	<b>Emaar</b>	Dubai Hills/ Regional Mall	ALEC	WSP
43	<b>Emaar Properties</b>	Dubai Hills Estate Construction of 97 Villas at MBR City	Al Basti & Muktha LLC	BHNS Engineering Consultants
44	<b>Emaar Properties PJSC</b>	Downtown View II Resi & comm Building-3 Towers	China State Construction Engineering Corporation (Middle East) LLC	Archgroup
45	<b>Emaar Properties PJSC</b>	Downtown View II on Plots 3370587 Zabeel Second Dubai U.A.E	China State Construction Engrg.Corp. (Middle East) LLC	Archgroup
46	<b>Emirates General Petroleum Corporation (Emarat)</b>	New Bund and Upgrading Fire Protection System at Emarat Jebel Ali Terminal	OVERSEAS AST CO. (L.L.C.)	Mott MacDonald Company
47	<b>Etihad Rail Network</b>	Etihad Railway	China State Construction Engineering Corporation (Middle East) LLC	Jacobs
48	<b>EXPO 2020</b>	Morocco Pavilion	ASGC CONSTRUCTION L.L.C	e. Construct
49	<b>EXPO 2020</b>	60119-C38 District Main Contractor-EXPO 2020	Arabtec Construction LLC	Parsons Overseas Limited
50	<b>EXPO 2020</b>	Public Realm in concourse and arrival plaza	Arabtec Construction LLC	AECOM
51	<b>EXPO 2020</b>	EXPO 2020 Sustainability Pavilion on Parcel ID 521-9784	Al Shafar General Contracting LLC	M/s GRIMSHAW
52	<b>Front Line</b>	Akoya Oxygen - Phase 2 ; Al Yufrah-2 , Dubai , UAE	Actco General Contracting LLC	ACE
53	<b>G &amp; Co.FZ LLC</b>	G-126 Grand Views, Nad Al Shiba-1, Dubai, UAE	M/S Ginco General Contracting	Chawla Architects
54	<b>Government of Abu Dhabi</b>	Dualling of Road (E30) between AL Wathba Bridge to Al Faya R/A Abu Dhabi	Salfo Eng. Consultant	Salfo Eng. Consultant
55	<b>International City LLC</b>	DMS 146291 Construction. Commissioning, Testing and Completion of the Dragon City Mixed Use Complex at International City	Ali Mousa & Sons Contracting	Dar Al Handasah



56	<b>M/s. Dubai World Trade Centre LLC</b>	Main Works for Conference and Exhibition Centre EXPO 2020	ALEC Engineering & Contracting LLC	Woods Bagot/ Aurecon Consultant
57	<b>M/s. EMAAR Development PJSC</b>	Arabian III Development Phase 1A, 1B & 1D on Plot No. 6481192 Town Houses at Wadi Al Safa 5	Ginco General Contracting LLC	Mirage Leisure and Development LLC
58	<b>M/s.ADM-M/s.MUSANADA</b>	Construction of Roads & Infrastructure at Mohammed Bin Zayed City Zone C (C1,C2,C3 & C4)	RMB General Contracting & Transporting LLC /Ghantoot Transport & General Contracting LLC	M/s. Core Engineering Consultancy L.L.C.
59	<b>Martyr Families Affairs Office</b>	Martyr's Villas	Arabtec Construction LLC	M/S APG
60	<b>MBRH</b>	500 Villas at oud Al Muteena	Arabtec	Parsons
61	<b>Meraas Development</b>	Lapita Hotel - Dubai Parks & Resorts	Brookfield Multiplex	Dewan Architects & Engineers
62	<b>Meydan</b>	Meydan One Development Roads & Infra Phase 2A	Al Daniya Contracting LLC	AECOM
63	<b>Meydan/Dewa</b>	132/11kV Views Substation	Ghantoot Transport.& Gen. Cont. LLC	Green Energy
64	<b>Ministry of in Frastructure Department (MOID)</b>	Siji Link Road at Sheik Khalifa Bin Zayed Road Intersection UAE	Salfo & Associates Eng. Consultant	Salfo & Associates Eng. Consultant
65	<b>Modon Properties PJSC</b>	Emirati Housing Project	China State Construction Engineering Corporation Middle East LLC	Al Ain Consulting Engineers
66	<b>Mohammad Bin Rashid Establishment</b>	Construction of 397 Villas (MBR Housing Establishment)	Bhatia General Contracting Co.LLC	Jouzy - Axianta
67	<b>Mr. Gheyath Mohammad Gheyath</b>	Proposed (G+2P+10) Residential Building	Ginco General Contracting LLC	Mimar Emirates Engineering Consultants
68	<b>Mr. Mohammad Abbas Qarizada</b>	11 Residential Town House Villas	Venco Imtiaz Contracting Company	Arab Experters Engineering Consultant
69	<b>Ms Razna Hamad Aamer Al Ahbabi</b>	Commercial Villa Complex, Al Bateen Abu Dhabi	Ali Moosa & Sons Contracting	Dewan Architects + Engineers



70	<b>Nakheel</b>	Deira Mall at Palm Deira	United Engineering Construction(UNEC)	RSP
71	<b>Nakheel</b>	Bvlgari Hotel & Residences	ALEC	WSP
72	<b>Nakheel</b>	G-129 Souk Warsan, International City,Dubai	Ginco General Contracting	AE7
73	<b>Naqaa Desalination Plant LLC</b>	UAQ Independent Water 150 MIGD Project Department of CGGI	China Energy Engineering Group Guangdong Power Engineering Co. Ltd Dubai Branch	Capital Engineering Consultancy
74	<b>National Media Council</b>	UAE Pavilion Dubai Expo 2020	Arabtec Construction LLC	M/s WME / M/s Calatrava International Architects and Engineers
75	<b>One Zaabeel LLC</b>	One Zabeel	ALEC	WSP
76	<b>Port Of Fujairah</b>	Port of Fujairah Service Harbour Marine Works and Buildings	Overseas AST Co. LLC	Aecom Middle East LLC
77	<b>RETAIL CORP</b>	Nakheel Mall	United Engineering Construction (Unec) Actco-JV	RSP
78	<b>RTA</b>	R1013/2D-Improvement of Al Shindagha Corridor Phase 2D	China State Construction Engineering Corporation Middle East LLC	Parsons Overseas Limited
79	<b>RTA</b>	R1013/2C Improvement of Al Shindagha Corridor Phase 2C- Main Bridge Crossing	BESIX	Parsons Overseas Limited
80	<b>RTA</b>	R1088 Pedestrian Bridges at Various Location in Dubai	BESIX	CDM Smith
81	<b>Shamal/North 25</b>	Dubai Harbour Cruise Terminal	Al Shafar General Contracting LLC	Dar Al Handasah
82	<b>Sheik Zayed Housing Program</b>	Residential Compound 729 Villas	Build Arabia	
83	<b>Sheikh Zayed Housing Program</b>	Residential Complex-482 Villas Project Ajman	China State Construction Engineering Corporation (Middle East) LLC	Sheikh Zayed Housing Program



84	<b>Sheikh Zayed Housing Program</b>	Construction of 300 Villas	China State Construction Engrg.Corp. (Middle East) LLC	Sheikh Zayed Housing Program
85	<b>Sheikh Zayed Housing Program</b>	Consultant of Ajman Housing Complex-306 Villas	Ali Moosa & Sons Contracting	Al Torath Int'l Engeeniring
86	<b>Strabag Ozkar Joint Venture</b>	Hatta Pumped Storage Hydro Power Plant	Zublin Construction LLC	EDF
87	<b>Thalia Real Estate L.L.C.</b>	Media City Hotel	Arabtec	Arch Group
88	<b>The Lagoon Phase one LLC-EMAAR</b>	Dubai Ckreek Harbour Development	Al Basti & mukhta LLC	ATK Engeeniring Consultant
89	<b>The Lagoons Phase One LLC</b>	The Grand on Plots A.004 at the Dubai Creek Harbour Development , J-640	Al Basti & Muktha	ATK Engineering Consultants
90	<b>TRANSCO</b>	32/22kV Substation Related 132kV Cable Works in Hudayriat Island (37466280-N-16838)	Parsons Brinckerhoff LTD- Abu Dhabi (WSP)	
91	<b>Union Cooperative Society</b>	Union Coop Nad al hammar Branch	Dar Al Omran Eng. Consultant	Dar Al Omran Eng. Consultant
92	<b>Wade Adams Contracting LLC</b>	EM-740 TR 235 Discovery Gardens Metro 2020 and Dubai Health Care City (DHCC Action Hotel)District Cooling Network Project-Phase 2		
93	<b>Wade Adams Contracting LLC</b>	Construction Material Testing	AL Younon LLC	Wade Adams Contracting LLC
94	<b>Wasl</b>	Al Wasl 2020 Tower	Arabtec Construction L.L.C	Werner Sobek Dubai
95	<b>Wasl Asset Management Group</b>	R-1068 Hotel Staff Accommodation (37 Building)	Ginco General Contracting LLC	Al Wasl Al Jadeed Consultants



# Equipment List

ماتيريال لاب

Material Lab



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Accrelated Weathering Tester	Al Quoz Aggregate/Asphalt	AWT-1	DPPL/025/51	Deepak Polyplast	-	In Service
Aggregate Crushing Value Apparatus	Al Quoz Aggregate/Asphalt	ACV-01	Z9856	Technotest	-	In Service
Aggregate Crushing Value Apparatus	Al Quoz Aggregate/Asphalt	ACV-02		Technotest	-	In Service
Aggregate Impact Value Apparatus	Al Quoz Aggregate/Asphalt	AIV-01	830822	Tecnotest	-	In Service
Air Content Meter	Al Quoz Durability	AM-08	4130882746	Gilson	-	In Service
Air Content Meter	Al Quoz Durability	AM-09	5431265246	Gilson	-	In Service
Air Content Meter	Al Quoz Durability	AM-10	5431195449	Gilson	-	In Service
Analog Force Gauge	Al Quoz Fire Testing	AFG-01	38102477			In Service
Anchor Tester	Al Quoz Steel	AT-06	BTKI-03-19-001014/S10420	Bigban	-	In Service
ASTM CBR Mould	Al Quoz Soil Sampling	A-CBR-23	-	Local	-	In Service
ASTM CBR Mould	Al Quoz Soil Sampling	A-CBR-24	-	Local	-	In Service
ASTM CBR Mould	Al Quoz Soil Sampling	A-CBR-10			-	In Service
Barcol Hardness Tester	Al Quoz Steel	BHT-1	-	Barber Colman Company USA	-	In Service
Benchtop pH Meter	Al Quoz OGEC/Oil & Gas	PH-09	PHS3DX170310009	ScichemTech	-	In Service
Bottle Shaker	Al Quoz OGEC/Chemical room	SHK-02	50129001	Intelligent	-	In Service
Calibrating Container	Al Quoz soil sampling	CC-04	-	Local	-	In Service
Calibrating Container	Al Quoz soil sampling	CC-15	-	Aimil	-	In Service
Calibrating Container	Al Quoz soil sampling	CC-16	-	Aimil	-	In Service
Calibrating Container	Al Quoz soil sampling	CC-17	-	Aimil	-	In Service
Calibrating Container	Al Quoz soil sampling	CC-8	-	-	-	In Service
Calibrating Container	Al Quoz soil sampling	CC-19	-	UTS Malaysia	-	In Service
CBR Machine	Al Quoz soil sampling	CBR-2	S212/AB/00022	MATEST	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-23	-	-	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-24	-	-	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-25	-	-	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-27	-	-	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-28	-	-	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-12	-	Aimil	-	In Service
CBR Mould (BS)	Al Quoz soil sampling	CBRB-13			-	In Service
Compression Machine (Accuracy)	al Quoz Concrete	CM-3000-10	CO89PN139	Matest		In Service
Compression Machine (accuracy)	al Quoz Concrete	CM-3000-1	2063	Form test		In Service



## Equipment List



Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Compression Machine(Accuracy)	al Quoz Concrete	CM-3000-6	1890-2-5100	ELE		In Service
Compression Machine (stability)	al Quoz Concrete	CM-3000-2	C266W/W30 DS AO40501	Unit Test		In Service
Compression Machine	al Quoz Concrete	CM-250,25-1	1883-5-1094	ELE		In Service
Compression Machine(Accuracy)	al Quoz Concrete	CM-3000-4	C266W/W30 DS CO50706	Unit Test		In Service
Compression Machine (Stability)	al Quoz Concrete	CM-3000-10	CO89PN110/AC.0004			In Service
Compression Machine (Accuracy)	al Quoz Concrete	CM-2000-13	YIM 2000 KNFMT /AD/0061	Matest		In Service
Cone penetrometer	Al Quoz Soil	CP-2	BO57-11/AF/0072			In Service
Coating thickness Gauge	Al Quoz Special Testing	CTG-01	ML 13360	Elcometer		In Service
Dial Gauge	Al Quoz	DG-101	DEA081	Baker		In Service
Digital multimeter	Al Quoz Fire Testing	MMT-01	162180120	Extech		In Service
Stop Watch	Al Quoz Steel	SW-14	SB11339	Elcometer	-	In Service
Curing Tank (600mmx600mm)	Al Quoz Durability	WT-22	-	-	-	In Service
Curing Tank (950mmx650mm)	Al Quoz Durability	WT-21	-	-	-	In Service
Dial Gauge	Al Quoz Soil	DG-04	RMB257	Mituyo	-	In Service
Dial Gauge	Al Quoz Soil	DG-88	UJ6808	Baker	-	In Service
Dial Gauge	Al Quoz Soil	DG-26	UJB875	Baker	-	In Service
Dial Gauge	Al Quoz Soil	DG-87	YFD3493	Baker	-	In Service
Dial Gauge	Al Quoz soil sampling	DG-77	UKS443	Baker	-	In Service
Dial Gauge	Al Quoz Steel	DG-71	YHC 2632	na	-	In Service
Dial Gauge	Al Quoz Soil	DG-45	D 898	na	-	In Service
Digital Micrometer	Al Quoz Special Testing	MMD-2	85075262	Mitutoyo	-	In Service
Digital Pressure Gauge (Burst Testing machine)	Al Quoz Special Testing	PG-26	120881063	BROIL-TECH	-	In Service
Digital Pressure Indicator (Point Load Tester)	Al Quoz Soil	PL-01	M400-PQ-09-21r3	AEP	-	In Service
Digital Thermometer	Al Quoz Concrete	THM-99	150200133	Center	-	In Service
Digital Thermometer	Al Quoz Concrete	THM-102	150201503	Center	-	In Service
Digital Thermometer	Al Quoz Durability	THM-78	130800901	Center	-	In Service
Digital Thermometer	Al Quoz Fire Testing	THM-121	180101931	Center	-	In Service
Digital Thermometer	Al Quoz OGEC/Chemical room	THM-103	150500360	Center	-	In Service
Digital Water Bath	Al Quoz Soil	WB-03	HRG-500 / HQJ-700G	Sunsun (Aquaum) / See Description	-	In service
Data Logger	Al Quoz	DL-01				In Service
Data Logger	Al Quoz	DI-3				In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Data Logger	Al Quoz	DL-16				In Service
Data Logger	Al Quoz	DI-19				In Service
Data Logger	Al Quoz	DI-29				In Service
Data Logger	Al Quoz	DL-31				In Service
Data Logger	Al Quoz	DL-39				In Service
Data Logger	Al Quoz	DL-66				In Service
Data Logger	Al Quoz	DI-67				In Service
Data Logger	Al Quoz	DI-70				In Service
Data Logger	Al Quoz	DL -73				In Service
Data Logger	Al Quoz	DL -76				In Service
Data Logger	Al Quoz	DL -78				In Service
Data Logger	Al Quoz	DL -79				In Service
Data Logger	Al Quoz	DL -80				In Service
Data Logger	Al Quoz	DL -81				In Service
Data Logger	Al Quoz	DL -82				In Service
Data Logger	Al Quoz	DL -85				In Service
Drying Oven	Al Quoz Aggregate/Asphalt	DO-10	12F081	Genlab	-	In Service
Drying Oven	Al Quoz OGEC/Chemical room	DO-17	913732	Leader	-	In Service
Drying Oven	Al Quoz Soil	DO-15			-	In Service
Drying Oven(soil)	Al Quoz soil sampling	DO-12	12F079	Genlab	-	In Service
Drying Oven(soil)	Al Quoz OGEC/Chemical room	DO-16			-	In Service
Drying Oven(soil)	Al Quoz soil sampling	DO-18			-	In Service
Drying Oven(chemical)	Al Quoz OGEC/Chemical room	DO-21			-	In Service
Drying Shrinkage Apparatus	Al Quoz Soil	DSA-1	-	Italy	-	In Service
Drying Shrinkage Apparatus (concrete)	Al Quoz Concrete	DSA-02	C361-11/AD/0005	Italy	-	In Service
Drying Shrinkage Mould	Al Quoz Soil	DSA-03	-	-	-	In Service
Electric Pulverizer	Al Quoz Aggregate/Asphalt	EP-1	05121	Amil	-	In Service
Electronic Balance	Al Quoz Special Testing	EB-91	16204789	Citizen	-	In Service
Electronic Balance	Al Quoz Aggregate/Asphalt	EB-51	E 107122	Nagata	-	In Service
Electronic Balance	Al Quoz Aggregate/Asphalt	EB-44	3511032016	Endeavour	-	In Service
Electronic Balance	Al Quoz Concrete	EB-19	0319013008	Citizen,USA	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Electronic Balance	Al Quoz Concrete	EB-83	8119020035	Citizen	-	In Service
Electronic Balance	Al Quoz Concrete	EB-87	8510113007	Citizen	-	In Service
Electronic Balance	Al Quoz Durability	EB-95	160216013	ACZET	-	In Service
Electronic Balance	Al Quoz Soil	EB-96	14300532	Citizen	-	In Service
Electronic Balance	Al Quoz Soil	EB-32	2819044010	Citizen	-	In Service
Electronic Balance	Al Quoz soil sampling	EB-86	0007428-6BG	OHAUS	-	In Service
Electronic Balance	Al Quoz soil sampling	EB-72	C109636	NAGATA	-	In Service
Electronic Balance	Al Quoz soil sampling	EB-97	E804014011	Aczet	-	In Service
Electronic Balance	Al Quoz Steel	EB-40	E104028	Nagata	-	In Service
Elongation Index Gauge	Al Quoz Aggregate/Asphalt	EG-01	-	-	-	In Service
Endoskope	Al Quoz Steel	END-1	11097174	FENNEL	-	In Service
Engineer Square	Al Quoz Soil	Er-2		Stanly		
Extensometer	Al Quoz Special Testing	EX- 1	-	T.T	-	In Service
Flakiness Gauge	Al Quoz Aggregate/Asphalt	FG-01	-	-	-	In Service
Flakiness Gauge	Al Quoz Aggregate/Asphalt	FG-02-08	-	-	-	In Service
Flakiness Gauge	Al Quoz Aggregate/Asphalt	FG-09			-	In Service
Flexural Testing Machine	Al Quoz Concrete	FCM-3000-1	C194/040/18	Unit Test	-	In Service
Flow Table	Al Quoz Durability	FT-1	6108545	Controls	-	In Service
Fluidity Test Apparatus	Al Quoz Durability	CFT-3		Local	-	In service
Gloss Meter	Al Quoz Special Testing	GLM-01	H10112021556	Huatec		In Service
Go/Not Go Gauge	Al Quoz Concrete	GNG-11	-	Local	-	In Service
Go/Not Go Gauge	Al Quoz Concrete	GNG-22	-	Local	-	In Service
Go/Not Go Gauge	Al Quoz Concrete	GNG-5	-	Local	-	In Service
Go/Not Go Gauge	Al Quoz Concrete	GNG-7	-	Local	-	In Service
Go/Not Go Gauge	Al Quoz Concrete	GNG-9	-	Local	-	In Service
Go/Not Go Gauge	Al Quoz Concrete	GNG-8		Local	-	In Service
Go/Not Go Gauge	Al Quoz soil sampling	GNG-18	-	Lcal	-	In Service
Go/Not Go Gauge	Al Quoz soil sampling	GNG-16	-	Local	-	In Service
Go/Not Go Gauge	Al Quoz soil sampling	GNG-17	-	Local	-	In Service
HACH Machine	Al Quoz OGEC/Chemical room	HACH-02	1790940	HACK	-	In Service
Half Cell Potential	Al Quoz Steel	HCP-1	20.1597	Proceq	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Hydraulic Jack (PG-30)	Al Quoz Steel	HJ-05	D1418K	Enerpac	-	In Service
Hydraulic Jack , Gauge (PG-33)	Al Quoz Special Testing	HJ-04	5431297509	Enerpec(Jack & gauge)	-	In Service
Hydraulic Jack , Gauge (PG-29)	Al Quoz Special Testing	HJ-01		Enerpec(Jack & gauge)		In Service
Hydraulic Jack , Gauge (PG-33)	Al Quoz Special Testing	HJ-02	90003N07	Wika		In Service
Hygro thermo meter	Al Quoz Aggregate/Asphalt	HGM-140	37627-04	Brannan	-	In Service
Hygro thermo meter	Al Quoz Durability	HGM-138	D1474	-	-	In Service
Ignition Chamber	Al Quoz Aggregate/Asphalt	IGO-1	0150461101120615	Thermo Scientific	-	In Service
Impact Echo Machine	Al Quoz Steel	Vu-Con-01	40004-40054	James Instruments Inc	-	In Service
Initial Surface Absorption Meter	Al Quoz Durability	ISAT-02	-	Impact	-	In Service
Lambda Spectrometer	Al Quoz Glass	DBS-01	-	Perkin Elmer	-	In Service
Lechatlier Apparatus	Al Quoz Aggregate/Asphalt	LCA-4	-	Control	-	In Service
Linear Shrinkage Mould	Al Quoz Soil	LSM-1	-	ELE	-	In Service
Linear Shrinkage Mould	Al Quoz Soil	LSM-2	-	ELE	-	In Service
Linear Shrinkage Mould	Al Quoz Soil	LSM-3	-	ELE	-	In Service
Linear Variable Differential Transducer (LVDT)	Al Quoz Soil	CBR-2/LVDT	9370167	Matest	-	In Service
Lux Meter	Al Quoz OGEC/Environmental	LXM-1	110304327	Taiwan	-	In Service
Measuring tape	Al Quoz	MT-06		PRO-TECH		In Service
Measuring tape	Al Quoz Geotech	MT-11				In Service
Measuring tape	Al Quoz Geotech	MT-12				In Service
Measuring tape	Al Quoz Geotech	MT-13				In Service
Measuring tape	Al Quoz Geotech	MT-28				In Service
Measuring tape	Al Quoz Geotech	MT-29				In Service
Measuring tape	Al Quoz Geotech	MT-30				In Service
Mechanical Shaker	Al Quoz Soil	SHK-3	-	Matest	-	In Service
Mechanical Sieve Shaker	Al Quoz Soil	MSS-1			-	In Service
Min-Max Thermometer(Chemical)	Al Quoz OGEC/Xray Room	THM-86	-	-	-	In Service
Moisture Meter	Al Quoz Steel	MOS-1	15277601	Exttech Instruments	-	In Service
Mortar Mould ( Gang Mould)	Al Quoz Durability	MM-04	-	Local	-	In Service
Mortar Mould ( Gang Mould)	Al Quoz Durability	MM-05	-	Local	-	In Service
Mortar Mould ( Gang Mould)	Al Quoz Durability	MM-06	-	Local	-	In Service
Motor Mixer	Al Quoz Durability	CMMX-1	31-1452-680	ELE	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Mould (ASTM)	Al Quoz Soil	CMD-03	-	-	-	In Service
Muffle Furnace	Al Quoz OGEC	F-5		Carbolite		
Permeability Apparatus (12 Cell)	Al Quoz Durability	WPA-2	02046	Lab Tech	-	In Service
Permeability Apparatus (3 cell)	Al Quoz Durability	WPA-1	02046	Foam+Test	-	In Service
Pile Integrity Tester	Al Quoz Special Testing	PI-2A,2B	IWIN-P800 /SL 21367	IWIN		In Service
Pile Driving Analyzer	Al Quoz Geotech	PDA-1	3714L	PDI,U.S.A	-	In Service
Pin Hole Holiday Detector	Al Quoz Steel	HA-1	56743	Elcometer 270	-	In Service
Pin Hole Holiday Detector (PD-2-40)	Al Quoz Steel	PD-1	7808/15	Buckleys	-	In Service
Pipette Graduated(2ml) 2 numbers	Al Quoz OGEC/Chemical room	-	-	-	-	In Service
Pipette(25ml) 2 numbers	Al Quoz OGEC/Chemical room	-	-	-	-	In Service
Pipette(5ml) 4 numbers	Al Quoz OGEC/Chemical room	-	-	-	-	In Service
Plate bearing test plate, 300,450,600mm ,750 & 900	Al Quoz Soil	PBTP-1-1,2-1,3,4,5	-	Locally Made	-	In Service
Plate bearing test plate,300	Al Quoz Soil	PBTP-1-2	-	Locally Made	-	In Service
Plate bearing test plate,450mm	Al Quoz Soil	PBTP-2-2	-	Locally Made	-	In Service
Play Pipe	Al Quoz Fire Testing	PP-01	-	John M. Ellsworth Co	-	In Service
Portable Metal Hardness Tester	Al Quoz Steel	MHT-01	E301-002-0030	Equotip Switzerland	-	In Service
Pressure Gauge	Al Quoz Durability	PG-22	D2306	AccuTech	-	In Service
Pressure Gauge	Al Quoz Durability	PG-2	D-88491	Foam+Test	-	In Service
Pressure Gauge	Al Quoz Fire Testing	PG-32	32136-01	Wika	-	In Service
Pressure Gauge	Al Quoz Geotech	PG-38	NA	Bosswell	-	In Service
Pressure Gauge	Al Quoz Geotech	PG-37	NA	Bosswell	-	In Service
Pressure Gauge(Hydrostatic Pressure)	Al Quoz Durability	PG-31	4131486456	Wika	-	In Service
Profometer PM-600	Al Quoz Steel	CV-02	UP01-005-0653	PROCEQ SA	-	In Service
Proving Ring (Direct Shear) -Soil	Al Quoz Soil	PR-6	1178	Baker India	-	In Service
Coating thickness Gauge	Al Quoz Special Testing	AT-04	SB11339	Elcometer		In Service
Pull Off Tester	Al Quoz Special Testing	AT-05	AT 13931	Posi Test	-	In Service
Pull Off Tester	Al Quoz Steel	AT-02	AT 04185	Posi Test	-	In Service
Pull Out (Anchor Testor)	Al Quoz Steel	AT-3	003750	Hilti	-	In Service
Pull out Tester	Al Quoz Steel	AT-06	BTK-10319-001014	Bigben		In Service
Pulveriser	Al Quoz Coring Room	PA-01	05121	Aimil LTD	-	In Service
Pycnometer	Al Quoz Aggregate/Asphalt	PYC-5	-	Local	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Rapid Chloride Permeability Apparatus	Al Quoz Durability	RCP-02	4791-01	Sci-tech	-	In Service
Riffle Box	Al Quoz Soil Sampling	RB-02	-	Hubolt	-	In Service
Riffle Box	Al Quoz soil sampling	RB-3	-	Humbolt	-	In Service
Riffle Box	Al Quoz Soil Sampling	RB-14	A066/AB/0024	Matest	-	In Service
Riffle Box 25 mm	Al Quoz soil sampling	RB-11	-	-	-	In Service
Riffle Box 50 mm	Al Quoz Soil Sampling	RB-6	-	Impact UK	-	In Service
Riffle BOX 12.5 mm	Al Quoz Aggregate/Asphalt	RB-8	-	MEP	-	In Service
Riffle Box, 15mm	Al Quoz Soil	RB-5	-	Humbolt	-	In Service
Riffing Box 20 mm	Al Quoz soil sampling	RB-13	A064/AB/0055	Matest	-	In Service
Robin Pump	Al Quoz Concrete	RB-01	-	Honda	-	In Service
Salt Spray Test Chamber	Al Quoz Steel	SSTC-01	PO5698	Labtest	-	In Service
Sand Equivalent Apparatus	Al Quoz Aggregate/Asphalt	SE-2	-	-	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-31	-	Aiml	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-40	-	Aiml	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-48	-	Aiml	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-50	-	AIML	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-56	-	AIML	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-57	-	Local	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-61	-	-	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-62	-	Local	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-64	-	-	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-65	-	Local	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-68	-	Local	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-70	-	-	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PCA-1	-	MATEST	-	In Service
Sand Pouring Cylinder	Al Quoz Soil	PC-66	-	-	-	In Service
Sand Pouring Cylinder	Al Quoz soil sampling	PCA-02	-	MATEST	-	In Service
Setting time Apparatus	Al Quoz durability	STA-1	87456	ELE UK	-	In Service
Shore D Hardness Tester	Al Quoz Special Testing	SHHT-1	23987	Huatac	-	In Service
Shore A Hardness Tester	Al Quoz Special Testing	SDA-01	52500	Elcometer	-	In Service
Skid Resistance Apparatus	Al Quoz Soil	SKR-1	A113/AB/0021	Matest	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Slump cone/Tamping Rod/Base Plate	Al Quoz	SC-06	-	-	-	In Service
Slump cone/Tamping Rod/Base Plate	Al Quoz - Al shafar Airport	SC-15	-	-	-	In Service
Slump cone/Tamping Rod/Base Plate	Al Quoz Concrete	SC-07	-	-	-	In Service
Slump cone/Tamping Rod/Base Plate	Al Quoz Concrete	SC-08	-	Local	-	In Service
Slump cone/Tamping Rod/Base Plate	Al Quoz Concrete	SC-11	-	Local	-	In Service
Slump cone/Tamping Rod/Base Plate	Al Quoz Store	SC-10	-	Local	-	In Service
Spectrum Accessories Spectrum One (1 -10)	Al Quoz Glass	SAS-01	010-1074	Perkin Elmer	-	In Service
Spectrum one B(CSI OPTICS)	Al Quoz Glass	LX-2000W	LX2000W	Perkin Elmer	-	In Service
Speedy Moisture Meter	Al Quoz Soil	SMOM-1	130462128	Plano	-	In Service
Speedy Moisture Tester	Al Quoz Soil	SMT-01	12548	GE Protimeter	-	In Service
Standard Penetrometer(2cups and needle)	Al Quoz Special Testing	PM-1	B056.90.04	Matest	-	In Service
Steel Cutter	Al Quoz Steel	SCR-01	002902	DEWALT	-	In Service
Steel Hand Cutter	Al Quoz Steel	SHT-1	SN D28490-QS	Dewalt Germany	-	In Service
Steel Rule	Al Quoz Special Testing	SR-15	D2533	Grip-On	-	In Service
Steel Rule	Al Quoz Steel	SR-5	-	-	-	In Service
Steel Rule	Al Quoz Special Testing	SR-14	2458	Classic	-	In Service
Steel Rule	Al Quoz Concrete	SR-13	FSRU100S	FIS	-	In Service
Steel Rule	Al Quoz OGEC/Chemical room	SR-1	-	P.R.C	-	In Service
Steel Rule	Al Quoz Steel	SR-2	-	HOL	-	In Service
Steel Rule (soil / sampling area),300mm	Al Quoz Soil	SR-4	-	FIS	-	In Service
Steel Rule (special testing)	Al Quoz Concrete	SR-18	D 3071	-	-	In Service
Steel Rule,300mm	Al Quoz Soil	SR-3	-	FIS	-	In Service
Steel Ruler	Al Quoz Concrete	SR-7	FSRU30S	FIS	-	In Service
Stop Watch	Al Quoz Soil	SW-12	-	O&O	-	In Service
Stop Watch	Al Quoz Concrete	SW-5	-	DESCO	-	In Service
Stop Watch	Al Quoz Durability	SW-19	-	DESCO	-	In Service
Stop Watch	Al Quoz Soil	SW-9	-	Q&Q, Japan	-	In Service
Stop Watch	Al Quoz Steel	SW-4	-	Q&Q Japan	-	In Service
Straight Edge	Al Quoz /Soil	SE-2	-	-	-	In Service
Surface Plate	Al Quoz Soil	FS-02	-	VERTEX	-	In Service
Tamping Bar	Al Quoz Site RTA	TB-12	-	-	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Tamping Rod	Al Quoz Soil	STR-24	-	-	-	In Service
Thermo Hygrometer	Al Quoz Special Testing	HGM-145	37627-07	Brannan	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-102	-	Brannan	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-146	37627-08	Brannan	-	In Service
Thermo Hygrometer	Al Quoz Fire Testing	HGM-147	290512	Brannan	-	In Service
Thermo Hygrometer	Al Quoz Glass	HGM-131	-	-	-	In Service
Thermo Hygrometer	Al Quoz OGEC/Chemical room	HGM-08	-	Brannan	-	In Service
Thermo Hygrometer	Al Quoz OGEC/Chemical room	HGM-132	-	-	-	In Service
Thermo Hygrometer	Al Quoz Steel	HGM-134	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-152	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-153	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-154	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-155	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-156	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-157	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-158	-	-	-	In Service
Thermo Hygrometer	Al Quoz Concrete	HGM-159	-	-	-	In Service
Thermo Stack Monitoring Kit	Al Quoz OGEC/Environmental	TSS-01	112-H-18	Thermo	-	In Service
Thermometer (Max-Min)concrete	Al Quoz Concrete	THM-04	-	ETI Ltd.	-	In Service
Thickness Gage	Al Quoz Special Testing	TG-01	2046S	Mitutuyo	-	In Service
Torque Wrench	Al Quoz Steel	TR-01	-	Torque leader	-	In Service
Torque Wrench	Al Quoz Steel	TR-03	-	TTI 50 Torque Wrench	-	In Service
Torque Wrench	Al Quoz Steel	TR-02	PH280855	Max Torq	-	In Service
Ultrasonic Coating Thickness(Concrete)	Al Quoz Steel	UTC-1	761803	PosiTector	-	In Service
Ultrasonic Pulse Velocity	Al Quoz Steel	UPV-1	32640010	Proceq	-	In Service
Unconfined Compressive Strength	Al Quoz Soil	UCS-01	16529	Aimil	-	In Service
Universal Testing Machine ( Computerised) 1000 kN	Al Quoz Steel	UTM-1	2004/10	FSA (India)	WinUtm	In Service
Universal Testing Machine Along with 2 load cells	Al Quoz Special Testing	UTM-05(Compression & Tension)	St-AF-01893GB	Tinius Olsen	Horizon 10.3.0.0	In Service
Vacuum Filter	Al Quoz Durability	VFR-1	02537417	Sartorius Germany	-	In Service
Vacuum Gauge	Al Quoz Durability	VG-2	209347-70-32	WIKI	-	In Service
Vacuum Pump	Al Quoz Durability	VP-1	02103272 0024	St, Spain	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Vernier Caliper	Al Quoz Special Testing	VC-24	HG801834	Baker	-	In Service
Vernier Caliper	Al Quoz Concrete	VC-21	0005828	Mitutoyo	-	In Service
Vernier Caliper	Al Quoz Concrete	VC-7	3145244	Mitutoyo	-	In Service
Vernier Caliper	Al Quoz Concrete	VC-42	62911016	Insize	-	In Service
Vernier Caliper	Al Quoz Durability	VC-35	1702164082	INSIZE	-	In Service
Vernier Caliper	Al Quoz Fire Testing	VC-39	1702164080	Insize	-	In service
Vernier Caliper	Al Quoz OGEC/Chemical room	VC-36	1702164086	Insize	-	In service
Vernier Caliper	Al Quoz Soil	VC-22	C1211280158	Baker	-	In Service
Vernier Caliper	Al Quoz Steel	VC-19	C1201171239	Baker	-	In Service
Vicate Apparatus	Al Quoz Soil	VCA-01	-	IMPACT	-	In Service
Washing sieves (0.075 mm)	Al Quoz Soil	AS-64	8298913	W.S.Tyler	-	In service
Wet Abrasion Scrub Tester	Al Quoz Special Testing	WAST-01	5261610011	Biuged Laboratory Instruments	-	In Service
Working sieves ( .300mm )	Al Quoz Soil	BS-14	811594	Impact	-	In Service
Working sieves ( 6.3 mm )	Al Quoz Soil	BS-74	130737	Impact	-	In Service
Working sieves (.150 mm)	Al Quoz Soil	BS-15	808098	Impact	-	In service
Working sieves (.150mm )	Al Quoz Chemical Testing	BS-10	14350	Materials Testing	-	In service
Working sieves (.180 mm )	Al Quoz Aggregate/Asphalt	AS-90	387463	Impact	-	In service
Working sieves (.850 mm)	Al Quoz Soil	AS-38	11011158	Jet Material	-	In Service
Working sieves (0.063 mm)	Al Quoz Aggregate/Asphalt	AS-31	5899677	Citizen	-	In Service
Working sieves (0.063 mm)	Al Quoz Aggregate/Asphalt	BS-23	6297379	Metric	-	In Service
Working sieves (0.063 mm)	Al Quoz Soil	BS-96(Washing)	442719	Impact	-	In service
Working sieves (0.063mm)	Al Quoz Soil	BS-93	5264	Materials Testing	-	In service
Working sieves (0.075 mm)	Al Quoz Soil	BS-73	127272	Impact	-	In Service
Working sieves (0.075 mm)	Al Quoz Aggregate/Asphalt	BS-64	5379737	Metric	-	In service
Working sieves (0.121mm)	Al Quoz Soil	BS-25	13547	Materials Testing	-	In service
Working sieves (0.125 mm)	Al Quoz Chemical Testing	BS-97	480377	Impact	-	In service
Working sieves (0.150 mm)	Al Quoz Aggregate/Asphalt	BS-3	127329	Impact	-	In Service
Working sieves (0.150 mm)	Al Quoz Soil Sampling	BS3-15	-	-	-	In service
Working sieves (0.180 mm)	Al Quoz Aggregate/Asphalt	BS-72	10010038	Glenammer	-	In Service
Working sieves (0.212 mm)	Al Quoz Aggregate/Asphalt	BS-92	127782	Impact	-	In service
Working sieves (0.250 mm)	Al Quoz Chemical Testing	BS-60	6213504	Endecotts	-	In Service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Working sieves (0.300 mm)	Al Quoz Aggregate/Asphalt	BS-1	127375	Impact	-	In Service
Working sieves (0.425 mm)	Al Quoz Soil	BS-44	5875208	Citizen	-	In Service
Working sieves (0.425 mm)	Al Quoz Aggregate/Asphalt	BS-24	14333	Materials Testing	-	In service
Working sieves (0.5 mm)	Al Quoz Aggregate/Asphalt	BS3-80	14090058	Glenamer	-	In service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Working sieves (0.6 mm)	Al Quoz Soil	BS-76	6765	Materials Testing	-	In service
Working sieves (0.6 mm)	Al Quoz Soil	BS-13	903363	Impact	-	In service
Working sieves (0.600 mm)	Al Quoz Aggregate/Asphalt	BS-58	127439	Impact	-	In Service
Working sieves (0.600 mm)	Al Quoz Aggregate/Asphalt	BS3-27	297863	Impact	-	In Service
Working sieves (0.600 mm)	Al Quoz Soil	BS3-78	380351	Impact	-	In Service
Working sieves (0.850 mm)	Al Quoz Aggregate/Asphalt	BS-38	14763	Materials Testing	-	In service
Working sieves (1.0 mm)	Al Quoz Aggregate/Asphalt	BS-79	16061565	Glennamer	-	In service
Working sieves (1.18 mm)	Al Quoz Aggregate/Asphalt	BS-65	268649	Matest	-	In Service
Working sieves (1.18 mm)	Al Quoz Soil	BS-12	812729	Impact	-	In service
Working sieves (1.70 mm)	Al Quoz Aggregate/Asphalt	BS-36	33147	Impact	-	In service
Working sieves (10 mm)	Al Quoz Aggregate/Asphalt	BS3-18	312173	Glenammer	-	In service
Working sieves (10 mm)	Al Quoz Soil	BS-34	24145	Star Screens	-	In Service
Working sieves (10.0 mm)	Al Quoz Aggregate/Asphalt	BS-71	117798	Impact	-	In service
Working sieves (11.2 mm)	Al Quoz Aggregate/Asphalt	BS-99	470904	Impact	-	In service
Working sieves (12.5 mm)	Al Quoz Aggregate/Asphalt	AS-10		Forney INC	-	In Service
Working sieves (14 mm)	Al Quoz Aggregate/Asphalt	BS3-77	305219	Impact	-	In service
Working sieves (14.0 mm)	Al Quoz Soil	BS-68	24163	Star Screen	-	In Service
Working sieves (16 mm)	Al Quoz Aggregate/Asphalt	BS-39	41340	Impact	-	In Service
Working sieves (19 mm)	Al Quoz Aggregate/Asphalt	AS-34	11011090	Jet Material	-	In Service
Working sieves (2 mm)	Al Quoz Aggregate/Asphalt	BS-22	13881	Materials Testing	-	In service
Working sieves (2.0 mm)	Al Quoz Chemical Testing	BS-43	5875136	Citizen	-	In Service
Working sieves (2.0 mm)	Al Quoz Soil	AS-48	-	Forney INC	-	In Service
Working sieves (2.00mm)	Al Quoz Aggregate/Asphalt	AS-15	-	WS Tyler	-	In service
Working sieves (2.00mm)	Al Quoz Soil	BS-94	13882	Materials Testing	-	In service
Working sieves (2.36 mm)	Al Quoz Aggregate/Asphalt	BS3-1	-	Matest	-	In Service
Working sieves (2.36 mm)	Al Quoz Aggregate/Asphalt	BS-11	810225	Impact	-	In service
Working sieves (2.36 mm)	Al Quoz Aggregate/Asphalt	AS-43	62175	Wykeham	-	in Service
Working sieves (20 mm)	Al Quoz Soil	BS3-16	312175	-	-	In Service
Working sieves (20 mm)	Al Quoz Aggregate/Asphalt	AS-02	-	Matest	-	In Service
Working sieves (20 mm)	Al Quoz Soil	BS-32	24170	Star Screens	-	In Service
Working sieves (22.4 mm)	Al Quoz Aggregate/Asphalt	BS-98	481027	Impact	-	In service



## Equipment List

Equipment	Location	Lab Ref No	Serial No	Maker	Software & Version	Status
Working sieves (25mm)	Al Quoz Aggregate/Asphalt	AS-18	5844539	Citizen	-	In Service
Working sieves (26.90 mm)	Al Quoz Aggregate/Asphalt	AS-08	-	W.S.Tyler	-	In Service
Working sieves (28 mm)	Al Quoz Aggregate/Asphalt	BS3-30	11010654	Jet Material	-	In Service
Working sieves (28.0 mm)	Al Quoz Soil	BS-61	24173	Star Screen	-	In Service
Working sieves (3.35 mm)	Al Quoz Aggregate/Asphalt	BS-76	13053191	Materials Testing	-	In service
Working sieves (3.35mm)	Al Quoz Soil	BS-91	14318	Materials Testing	-	In service
Working sieves (31.5 mm)	Al Quoz Aggregate/Asphalt	AS-19	3179761	Glenammer	-	In Service
Working sieves (37.5 mm)	Al Quoz Soil	BS-67	23638	Star Screens	-	In service
Working sieves (37.50 mm)	Al Quoz Soil	BS3-14	311285	Glenammer	-	In Service
Working sieves (4.0 mm)	Al Quoz Aggregate/Asphalt	BS-28	-	Wykeham Farrance	-	In service
Working sieves (4.0 mm)	Al Quoz Aggregate/Asphalt	AS-16	11261	Impact, UK	-	In Service
Working sieves (4.75 mm)	Al Quoz Aggregate/Asphalt	AS-40	216268	Endecott	-	In Service
Working sieves (5 mm)	Al Quoz Aggregate/Asphalt	BS-37	673	Impact	-	In Service
Working sieves (5 mm)	Al Quoz Aggregate/Asphalt	BS3-20	311295	Glennamer	-	In service
Working sieves (5.0 mm)	Al Quoz Soil	BS-2	130882	Impact, UK	-	In Service
Working sieves (5.6 mm)	Al Quoz Aggregate/Asphalt	BS3-79	13090941	Glennamer	-	In service
Working sieves (50 mm)	Al Quoz Aggregate/Asphalt	AS-42	62154	Endecotts Ltd	-	In Service
Working sieves (50 mm)	Al Quoz Soil	BS-29	23634	Star Screens	-	In Service
Working sieves (50mm)	Al Quoz Aggregate/Asphalt	BS3-23	-	Labtest	-	In Service
Working sieves (6.30 mm)	Al Quoz Aggregate/Asphalt	AS-32	195186	Endecotts Ltd	-	In Service
Working sieves (6.30 mm)	Al Quoz Aggregate/Asphalt	BS3-19	312172	Glenammer	-	In service
Working sieves (63.00 mm)	Al Quoz Aggregate/Asphalt	BS3-12	401685	Glenammer	-	In Service
Working sieves (75.0mm)	Al Quoz Aggregate/Asphalt	BS-26	-	Matest	-	In Service
Working sieves (8 mm)	Al Quoz Aggregate/Asphalt	AS-17	13000	Impact	-	In Service
Working sieves (9.50 mm)	Al Quoz Aggregate/Asphalt	AS-35	11011195	Jet Material	-	In Service

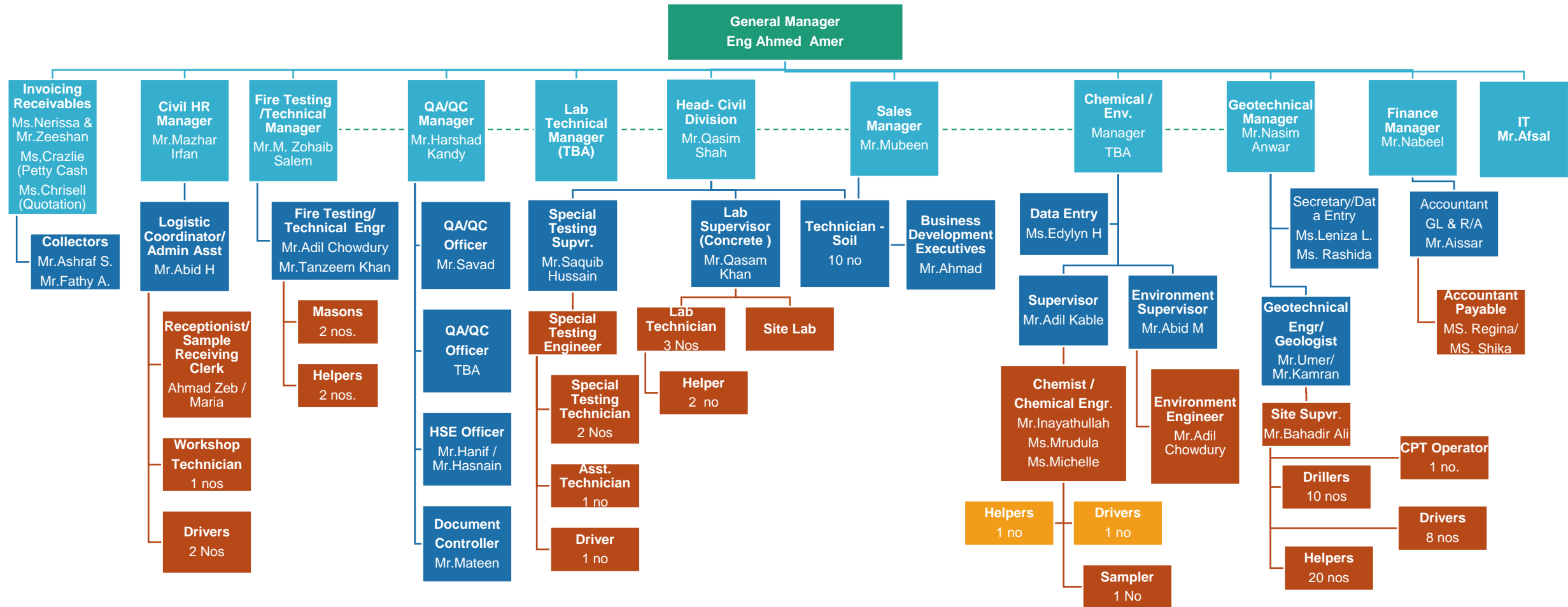


# **Organizational Structure**

Material Lab



# Laboratory Organization Chart



Approved By:   
General Manager


## Note:

1. First Tier reporting to General Manager is shown.
2. Technicians reporting to the Division Head and Supervisor

# Reach Us



 **Material Lab - AL Quoz Industrial area 4, Dubai**  
P. O. Box 114717 Dubai

 04-3405678

 **Material Lab Testing Services L.L.C | Abu Dhabi**  
P. O. Box 61831 Abu Dhabi

 02-5503040

 [www.mlab.ae](http://www.mlab.ae)

 [mlab@mlab.ae](mailto:mlab@mlab.ae)

