





PREQUALIFICATION

GL-G-PQD-00-001

Gulf Laboratories Co. W.L.L

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 gulflabs@mannai.com.qa

 www.gulflaboratories.com

Rev	Date	Details	Prepared	Checked	Approved
75	08.08.2021	Updated information	MS	SK	RV

	Copy no.: n/a
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1. Company Overview

Gulf Laboratories Co. WLL is a wholly owned subsidiary of the Mannai Corporation which has assets in Qatar totaling US\$ 100 Million, annual turnover of US\$ 200 Million and employing in excess of 2000 people. The company was established in Qatar in the mid-1970s as a branch office of the UK based Wimpey Laboratories Co., providing geotechnical, geological and material testing services to both international and local clients and consultants. The Company employs over 100 personnel and is managed by a team of highly qualified and experienced engineers who ensure that all work undertaken is of the highest quality. Gulf Laboratories Co. W.L.L operates from a combined office / laboratory facilities located at Street No. 13 (Main Office and Physical Testing Lab) and Street No. 2 (Chemical Testing Lab) on the Salwa Industrial Area, approximately 20 kilometers from Doha. Drilling/Geotechnical Office and Workshop facilities are located at Street No. 24 and 46 respectively on the Salwa Industrial Area.

With a fleet of multi-purpose drilling rigs and fully equipped physical and chemical testing laboratories, company services have contributed to a large proportion of all civil construction, water resources and development projects throughout the Qatar Peninsula.

Gulf Laboratories operate a laboratory quality management system in compliance with ISO/IEC 17025:2017. The company is also certified to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 management systems.

The scope of accreditation and certification for the aforementioned management system standards is:

“Provision of drilling and testing services for geotechnical, geological and hydrological investigations and installations and laboratory testing of soil, water, rock, concrete, cement, aggregates, steel, asphalt, oil/petroleum products, and food products.”

Services Offered

Ground Investigation

- Onshore Soil Investigations, Near shore Soil Investigations
- Contaminated Land and Environmental Investigations
- Exploratory Borehole Drilling and Sampling
- Trial Pitting
- In-Situ Testing
- Static “Dutch” Cone Penetration Testing
- Dynamic Cone Penetration Testing
- Probe hole Surveys
- Geophysical Investigations
- Soil Resistivity Testing

Water Resources and Water Management

- Water Well Drilling
- Soakaway Borehole Drilling
- Well Casing Installation
- Hydrogeological investigations
- Pumping Tests and Permeability Testing
- Earthing and Cathodic Protection Boreholes

Laboratory / Materials Testing

- Soil and rock mechanics laboratory testing

- Groundwater, seawater & wastewater analysis
- Concrete testing
- Aggregate testing
- Asphalt testing
- Chemical testing
- Steel Bar Testing
- Environmental testing
- Petroleum Products testing
- Food testing services

Geological Investigations / Mineral Resources

- Geological mapping
- Walk-over surveys
- Exploratory core drilling

Ground Engineering and Ground Improvement

- Pressure grouting
- Gravity filling of cavities and voids
- Anchor drilling
- Micro-piling

Other Services

- Pile Integrity Testing
- Underground Service Detection
- Ground Penetrating Radar
- Electromagnetic Surveys
- Electrical Resistivity Survey
- Thermal Resistivity Testing

Scope of Work

Gulf Laboratories shall provide its services according to its scope of accreditation and as per requirement of the client. Refer to **FIGURE 1** for the current scope of accreditation

2. Company Details

Name of Company : **Gulf Laboratories Co. W.L.L**
Head Office Address : P.O. Box 4024, Doha, Qatar
Commercial Registration No. : 14419
Nature of Business : Ground Investigations and Materials / Environmental Testing
Established : Mid-1970's
Owners : Mannai Corporation QPSC, Doha
Employees : 400 +
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : gulflabs@mannai.com.qa

General Manager / Laboratory Manager : **Robert Vuurens, M. Sc, C. Eng, PMP**
Main Office/ Physical
Laboratory Location : Street No. 13 Gate 112 Salwa Industrial Area
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : robert.vuurens@mannai.com.qa

Project Manager / Consultant : **Andrew Slate, B. Sc, C. Geol, Eur. Geol**
Main Office/ Physical
Laboratory Location : Street No. 13 Gate 112 Salwa Industrial Area
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : andrew.slate@mannai.com.qa

Laboratory Operations Manager : **K Senthil Kumar, B. Sc, M, Sc**
Main Office/ Physical
Laboratory Location : Street No. 13 Gate 112 Salwa Industrial Area
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : senthil.kumar@mannai.com.qa

Drilling and Geotechnical Manager : **K.P. Abdul Majeed, B. Sc, M. Sc**
Geotechnical and Drilling Site : Street No. 24, Gate 21, Al Kassarith Street
Investigation Department : Salwa Industrial Area
Telephone Nos. : +974 446 06585 / +974 445 02371
Fax No. : +974 446 06562
E-mail Address : abdulmajeedkp@mannai.com.qa
Workshop Location : Street 46, Salwa Industrial Area

Finance and Admin Manager : **John Edward Gaffney, B. Bus. (Accounting), CPA Australia**
Main Office/ Physical
Laboratory Location : Street No. 13 Gate 112 Salwa Industrial Area
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : john.gaffney@mannai.com.qa

Head of Chemical Laboratory : **Jeffrey Lavina, B. Sc. Ch.**
Chemical, Environmental
Food Testing Lab Location : Junction of Street No. 2 and Al Kassarat
Telephone Nos. : Salwa Industrial Area
+974 445 09266 / +974 444 37064
E-mail Address : jeffrey.lavina@mannai.com.qa

Head of Oil Laboratory : **Jesudoss Savarimuthu, B. Sc EEE**
Junction of Street No. 2 and Al Kassarat
Petroleum / Oil Lab Location : Salwa Industrial Area
Telephone Nos. : +974 445 09266 / +974 444 37064
E-mail Address : jesudoss.savarimuthu@mannai.com.qa

QA / QC Head : **Melvin Soriano, B. Sc Ch.**
Main Office/ Physical
Laboratory Location : Street No. 13 Gate 112 Salwa Industrial Area
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : melvin.soriano@mannai.com.qa

HSE Head : **Kevin Thomas, IDip, Grad IOSH**
Main Office/ Physical
Laboratory Location : Street No. 13 Gate 112 Salwa Industrial Area
Telephone Nos. : +974 446 07034 / +974 446 07036
Fax No. : +974 446 07628
E-mail Address : kevin.thomas@mannai.com.qa

Qatar General Organization for
Standardization (QGOS) Approval
No. for Material Testing lab : RL010-19^R

**We are certified to ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and are accredited to
ISO/ IEC 17025:2017.**

3. Personnel

General Manager	: Robert Vuurens, M.Sc, C.Eng, PMP
Project Manager / Consultant	: Andrew Slate, B.Sc, C.Geol, Eur.Geol
Laboratory Operations Manager	: K Senthil Kumar, B. Sc, M, Sc
Drilling & Geotechnical Manager	: K.P.Abdul Majeed, B.Sc, M.Sc
Senior Geotechnical Engineer/ Senior Specialist	: M.N. Sananth, M.Tech
Project Leaders	: Abdul Rahman, B.Sc, M.Sc Bal Dhoj Karki, B.Sc, M. Sc Durga Prasad, B.Sc, M. Sc
Planning Engineer	: Sajith Jayanandhan, B. Sc.
Senior Geologists	: Abdul Jawad, B.Sc, M.Sc Vineeth Nair, B.Sc, M.Sc Samim Ahmed, B.Sc, M.Sc
Geologists / Engineers	: Safuvan Chakkana Prambil, B.Sc., M.Sc. Jasim Sainulabdeen, B.Sc. Eng Nishad Pulikkal, B.Sc., M.Sc Shabeer Ahamed, B.Sc, M.Sc. UzairUmmerB.Sc, M.Sc. Ragesh Parappurah, B.Sc., M.Sc Shanavas, B.Sc, M.Sc. Muhammed Shakeer, B.Sc, M.Sc. Sabareesh K, B.Sc, M.Sc. Mohammed Ansar, B.Sc, M.Sc. Hajas Kappoorinte Ahmed Eltayeb
Geophysicists	: Rupesh Kumar, B.Sc, M.Sc. Antoreep Dey, B.Sc, M.Sc.
Hydrogeologist	: Sujin Jayaderan, Ph. D
Drilling Coordinator	: Mohammed Nisam
Drilling Supervisor/Engineer	: K. Kalimuthu John Mathias
Drilling & Drilling Assistants	: 45 nos.
Senior Project Leader	: Jeffrey B. Laviña. B.Sc Chemistry
Head of Chemical Laboratory	: Sajeev Yohannan, M.Sc, B.Sc
Chemical Lab Senior Supervisor	: Nikhil Max, M.Sc, B.Sc Chemistry

Senior Chemists	Adolf Xavier, M.Sc, B.Sc Chemistry Ullas Saraswathy, M.Sc, B.Sc Aprilito Basilio, B.Sc Chemistry
Chemists	: 8 nos.
Senior Microbiologist	: Prajin KP, M.Sc Microbiology
Microbiologist	: 1 nos.
Other Laboratory Staffs (Chemical)	: 16 nos.
Finance and Admin Manager	: John Edward Gaffney, B. Bus. (Accounting), CPA Australia
Admin Staffs	: 22 nos
Head of Oil Laboratory	: Jesudoss Savarimuthu, B.Eng
Oil Lab Senior Supervisor	: Eldhose Annas, M.Sc Chemistry
Petroleum Senior Chemist	Frederick Andal, B.Sc Chemistry
Petroleum Chemist	Kristofferson Cajano, B.Sc Chemical Engineering
Other Laboratory Staffs (Oil)	: 8 nos.
Physical Lab Senior Supervisor	: Roberto A. Samia Jr, B.Sc CE.
Physical Lab Supervisors	: 2 nos.
Senior Lab Technicians	: 14 nos.
Laboratory Technicians	: 43 nos.
NDG Technicians	: 18 nos.
QA / QC Head	: Melvin S. Soriano, B.Sc Chemistry
QC Staffs	: 6 nos.
HSE Head	: Kevin Thomas, IDip, Grad IOSH
HSE Officers	: Sholla Bello John Mathyas Oluseyi Ebenezer Oladehinde

NOTE: Details of the organizational structure is illustrated in **FIGURE 2.** Company Organizational Chart

4. Equipment and Resources



Drilling Rigs – 6 no. Dual Purpose Truck Mounted

- Hands England HE-35, Hands England HE-36
- Boyles BBS 25, Dando Geotech
- 2 no. Pilcon Traveller T30 Rigs

Drilling Rigs – 27 no. Dual Purpose Crawler Mounted

- 2 no. Beretta T44 Rigs, 9 Hanjin P4000SD Rigs. 9 no. DESCO SP5500S, 6no. BEC 800, 1no. Getech DTHR 300

Drilling Rigs – Water Well / Geothermal Drilling Rig

- 1 no. DESCO SP7500S

Drilling Rigs – Cable Percussion

- Pilcon Wayfarer Light Cable Percussion Rig

Other Plant & Test Equipment

- Pagani 200T Cone Penetration Rig with Piezo-cone
- Jack-up Drilling Barge “Nautilus” (12m x 6m)
- Air Compressors – 250 to 750cfm, Water Bowsers and Water Tanker
- Pressure meter test equipment,
- Drilling parameter measurement systems
- Ground Penetrating Radar with DGPS
- Pile Integrity Testing Equipment
- Soil Resistivity Testing Equipment
- Thermal Resistivity Testing Equipment
- Submersible Pumps, V-Notch Weir Tanks, Pressure Transducers and Data loggers

Soil and Aggregate Testing Laboratory

- Automatic soil compactor
- CBR machine
- Slake Durability test machine
- Sieve set
- Electronic balances
- Drying Ovens
- Micro-Deval
- Penetrometer/ Cassagrande Apparatus

Concrete Testing Laboratory

- Concrete Trial Mix Design
- Water permeability testing unit
- Slump set testing apparatus
- Air Meter
- Concrete Penetrometer
- Concrete Density Test
- Making and Curing of Concrete Specimen
- Compressive Strength Test
- Flow table Test
- Bleeding test
- Concrete Temperature measurement
- Durability Test
- Water Absorption
- Water Penetration
- Chloride Migration Test
- Rapid Chloride Permeability Test
- ISAT
- Deflection Measuring Equipment for Energy Absorption and Flexural Strength

Asphalt Testing Laboratory

- Marshall Mix Design Test
- Ignition Oven for Binder content
- Automatic Marshall Compactor
- Marshall Testing machine

Cement Testing Laboratory

- Blaine Air permeability apparatus
- Mortar Mixer
- Jolting apparatus
- Curing Cabinet

Steel Bar Testing Laboratory

- Universal Testing Machine



Chemical laboratory

- BOD Incubators
- Muffle Furnaces
- Microwave Digester
- HACH spectrometers
- Ultra-Pure water system
- Distillation Apparatuses for Ammonia, TKN and Cyanide
- Rotary Evaporator for Oil & Grease test
- Microwave Extraction & Digester
- Optical Emission Spectrometer for Chemical Composition of Steel & Alloys
- UV-Vis Spectrophotometer

Environmental Testing Laboratory

- Gas Chromatography – Mass Spectrometry (GC-MS)
- Gas Chromatograph FID
- Inductively Coupled Plasma Spectrometer (ICP-OES)
- TOC Analyser
- Outdoor and indoor air quality monitoring
- Noise monitoring unit

Microbiological Testing Laboratory (Food and Potable Water Microbiology)

- Bacteria culture Incubator
- Microscope
- Colony counter

Geotechnical Testing Laboratory

- Automatic Consolidated Odometer with data processing system
- Digital Shear Testing – Fully Automatic with data processing system
- Tri-axial system with electric load cell and electronic axial strain
- Transducers
- Uni-axial Compressive strength and Young's modulus testing
- Rock Shear testing
- CERCHAR abrasiveness
- Taber Abrasion
- Slake durability

On-site Materials Testing Laboratories

- Nuclear gauges for In-situ density testing
- Concrete & Asphalt core drilling
- Plate bearing test equipment
- In-situ CBR testing equipment



Petroleum Testing Laboratory

- Petrotest ASTM Color Comparator
- Metrohm KF Coulometer Model 831
- Certified ASTM Hydrometer and Thermometers
- Auto-titrators, Metrohm Model 888 Titrando
- Petrotest Viscometer Bath and Tubes
- Seta Multi-Flash Tester
- BA 100 HV Diagnostics
- Gas Chromatography System Agilent 7890A with Head Space Sampler (TOGA)
- Vettiner SPC 300 Automatic Schering Bridge
- High Performance Liquid Chromatography System Agilent 1260 Infinity
- Kruss K20 Easydyne
- Laser Particle Counter Spectrex PC 2200
- Agilent Cary 630 FTIR Spectrophotometer
- Agilent 6890 B Gas Chromatography – Atomic Emission Detect/Electron Capture Detector System



5. Quality Policy

GULF LABORATORIES CO., W.L.L QUALITY AND HSE POLICY

Gulf Laboratories Co., W.L.L (Gulf Labs) provides drilling and testing services for geotechnical, geological, hydrological and environmental investigations and installations. The laboratory also provides physical and chemical testing services of aggregate, soil, water, rock, cement, concrete, asphalt, steel, and petroleum and food products.

The company is committed to:

- Deliver quality products and services that meet or exceed customer requirements whilst minimizing the risk to the health and safety of our employees including any persons to whom it may have an impact and minimize the risk of damage or harm to the environment.
- Provide impartial testing services and ensure confidentiality in all aspects of information that can impact all interested parties.
- Ensure accurate and timely services with good professional practice and ensuring that our operations are carried out to the highest standard of care, precision, and reliability.
- Ensure that all personnel concerned with our activities are familiar with the Quality, Health, Safety, & Environment (QHSE) documentation and with the proper implementation of policies and procedures.
- Adoption and maintenance of international Quality and HSE management systems for our activities in accordance with ISO 9001:2015, ISO/IEC 17025:2017, ISO 14001:2015, and ISO 45001:2018.
- Ensure that all work places are suitably equipped and free from recognized hazards which are liable to cause death, injury, illness or environmental damages.
- Encourage employees to improve health, safety and environmental awareness in their own sphere of activity, prevent harm to employees / environment, report all incidents to respective supervisors and stop unsafe work activities.
- Encourage and welcome customer feedback to proactively improve our performance and quality of service.
- Provide a framework to establish QHSE objectives and monitor / measure their achievement through internal audits and management review meeting.
- Ensure environmental protection including prevention of pollution and minimization of waste products.
- Comply with applicable environmental legislation, occupational health and safety (OHS) legislations, other requirements to which the organization subscribes and adopts international regulations and industry best practice.
- Continually improve the effectiveness of the QHSE management system through performance monitoring analysis.
- Ensure consultation and participation of interested parties and employees in Occupational Health and Safety [OHS] matters.

This policy shall be communicated and understood by each employee and all other persons working under the control of the organization and shall be reviewed periodically as part of the management review or at a frequency determined by:

1. The changing needs and expectations of relevant interested parties
2. The risk and opportunities that are presented through the risk management process

This policy shall be made available to the public and any other interested parties upon request.

Yours faithfully,



Robert Vuurens
General Manager

Gulf Laboratories Co. W.L.L



+947 4460 7034

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GL-G-QHSE-00-001 R1 (17.05.2021)

FIGURE 1. Scope of Accreditation

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

GULF LABORATORIES CO. W.L.L.

Contact Name Andrew J. Slate

Contact Phone +974 44607034/44607036

Contact Name Allan M. Nabong

Contact Name Jeffrey Lavina

Accredited to ISO/IEC 17025:2017

Effective Date February 9, 2021

Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Admixture	ASTM D891	Standard Test Method for Specific Gravity, apparent of Liquid industrial Chemicals Specific Gravity, Apparent by means of a pycnometer Method B	Street No. 2 Wet Chemistry
Admixture	BS EN 480-12:2005	Admixture for concrete, mortar, and grout Determination of the alkali content of Admixture	Street No. 2 Wet Chemistry
Aggregates	AASHTO T2	Sampling of Aggregates	Street No. 13 Soil Lab
Aggregates	AASHTO T11-05-2013	Material Finer than 0.075mm (No.200) Sieve in Mineral Aggregates - Washing with plain paper (Procedure A)	Street No. 13 Soil Lab
Aggregates	AASHTO T27-2014	Sieve Analysis of Fines and Coarse Aggregates	Street No. 13 Soil Lab
Aggregates	AASHTO T- 96-2010	Resistance to Degradation of small size agg.by Abrasion and Impact in the Los Angeles machine	Street No. 13 Soil Lab
Aggregates	AASHTO T- 104-2011	Soundness of Aggregate by Use of Sodium Sulphate or Magnesium sulphate	Street No. 13 Soil Lab
Aggregates	ASTM C40/C40M	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete	Street No. 2 Wet Chemistry
Aggregates	ASTM C88	Standard Test Method for Soundness of Aggregates by the use Sodium Sulfate or Magnesium Sulfate	Street No. 13 Soil Lab
Aggregates	ASTM C117	Material finer than 0.075mm (No. 200) Sieve in Mineral Aggregates Procedure A	Street No. 2 Wet Chemistry
Aggregates	ASTM C123/C123M	Standard Test Method for Lightweight Particles in Aggregate	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Aggregates	ASTM C127	Standard Test Method for Density, Relative density, (Specific Gravity) and Absorption of Coarse Aggregates	Street No. 2 Wet Chemistry
Aggregates	ASTM C128	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate	Street No. 2 Wet Chemistry
Aggregates	ASTM C131/C131M	Standard Test Method for Resistance to Degradation of Small Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	Street No. 13 Soil Lab
Aggregates	ASTM C136	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	Street No. 2 Wet Chemistry
Aggregates	ASTM C136:2014	Sieve Analysis of Fine and Coarse Aggregates	Street No. 13 Soil Lab
Aggregates	ASTM C142-C142M	Standard Test Method for Clay Lumps and Friable Particles in Aggregates	Street No. 2 Wet Chemistry
Aggregates	ASTM C289	Potential Alkali Silica reactivity of Aggregates-Chemical Method	Street No. 2 Wet Chemistry
Aggregates	ASTM C430	Fineness of Hydraulic Cement by the 45 micron Sieve	Street No. 2 Wet Chemistry
Aggregates	ASTM C430-08 (2015)	Fineness of Hydraulic Cement by the 45 micron Sieve	Street No. 2 Wet Chemistry
Aggregates	ASTM C535	Standard Test Method for Resistance to Degradation of Large Sized Coarse Aggregate by Abrasion and Impact in Los Angeles Machine	Street No. 13 Soil Lab
Aggregates	ASTM D75/D75M	Standard Practice for Sampling Aggregates	Street No. 2 Wet Chemistry
Aggregates	ASTM D4791	Standard Test Method for Flat Particles, elongated particles, or flat and elongated particles in coarse aggregate	Street No. 13 Soil Lab
Aggregates	ASTM D5444	Standard Test Method for Mechanical Size Analysis of Extracted Aggregate	Street No. 13 Asphalt Lab
Aggregates	ASTM D5821	Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate	Street No. 13 Soil Lab
Aggregates	BS 812-2:1995	Testing Aggregates: Methods of determination of density. Cl. 5.3 Method for aggregates all larger than 10 mm	Street No. 13 Soil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Aggregates	BS 812-2:1995	Testing Aggregates: Methods of determination of density. Cl. 5.4 Method for aggregates between 40 mm and 5 mm	Street No. 13 Soil Lab
Aggregates	BS 812-2:1995	Testing Aggregates: Methods of determination of density. Cl. 5.5 Method for aggregates 10 mm nominal size and smaller	Street No. 13 Soil Lab
Aggregates	BS 812-102:1989	Testing Aggregates: Methods for sampling	Street No. 13 Soil Lab
Aggregates	BS 812-103.1:1985	Testing aggregates-Method for determination of particle size distribution-Sieve tests	Street No. 13 Soil Lab
Aggregates	BS 812-103.1:1985	Testing aggregates. Cl. 7.2 Method for determination of particle size distribution. Sieve tests (Wet)	Street No. 13 Soil Lab
Aggregates	BS 812-103.1:1985	Testing aggregates. Cl. 7.3 Method for determination of particle size distribution. Sieve tests (Dry)	Street No. 13 Soil Lab
Aggregates	BS 812-105.1:1989	Testing Aggregates: Methods for the determination of Particle Shape-Flakiness Index	Street No. 13 Soil Lab
Aggregates	BS 812-105.2:1990	Testing Aggregates: Methods for the determination of Particle Shape-Elongation Index of coarse aggregate	Street No. 13 Soil Lab
Aggregates	BS 812-109:1990	Testing Aggregates: Methods for the determination of moisture content. Cl. 6 Definitive, oven-drying method	Street No. 13 Soil Lab
Aggregates	BS 812-110:1990	Testing Aggregates: Methods for the determination of aggregate crushing value	Street No. 13 Soil Lab
Aggregates	BS 812-111:1990	Testing Aggregates: Methods for the determination of ten percent fines value (TFV)	Street No. 13 Soil Lab
Aggregates	BS 812-Part 112-90	Aggregates Testing Method for Determination of Aggregates Impact Value, Dry Procedure	Street No. 13 Soil Lab
Aggregates	BS 812 Part 117: 1988	Testing Aggregates: Methods for the determination of water soluble chloride salts	Street No. 2 Wet Chemistry
Aggregates	BS 812 Part 117:1988	Testing Aggregates: Methods for the determination of water soluble chloride. Appendix C Test Method for determination of chloride content of aggregates using a	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		nitric acid extract, for aggregate containing chloride not extracted by water	
Aggregates	BS 812 Part 118:1988	Testing Aggregates: Methods for the determination of sulphate content. Cl. 5.2 Determination of water soluble sulphates	Street No. 2 Wet Chemistry
Aggregates	BS 812 Part 118:1988	Testing Aggregates: Methods for the determination of sulphate content. Cl. 6 Determination of Acid soluble sulphates	Street No. 2 Wet Chemistry
Aggregates	BS 812 Part 118:1988	Testing Aggregates: Methods for the determination of sulphate content Cl. 6 Determination of the total sulphate content by acid extraction	Street No. 2 Wet Chemistry
Aggregates	BS EN 932-1:1997	Test for General Properties of Aggregates - Part 1. Methods for sampling	Street No. 13 Soil Lab
Aggregates	BS EN -933-Part 1-2012	Test for Geometrical Properties of Aggregates, Determination of Particle size distribution	Street No. 13 Soil Lab
Aggregates	BS EN -933-Part 3-2012	Test for Geometrical Properties of Aggregates, Determination of Flakiness Index of Aggregates	Street No. 13 Soil Lab
Aggregates	BS EN 933-4:2008	Tests for geometrical properties of aggregates- Determination of particle shape-Shape index	Street No. 13 Soil Lab
Aggregates	BS EN 933-7-1998	Tests for geometrical properties of aggregates-Determination of shell content- Percentage of shells in coarse aggregates	Street No. 13 Soil Lab
Aggregates	BS EN 933-9:2009+A1:2013	Tests for geometrical properties of aggregates Part 9 Assessment of fines- Methylene Blue Test	Street No. 2 Wet Chemistry
Aggregates	BS EN 1097-2 Cl 5	Determination of Los Angeles Abrasion Test	Street No. 13 Soil Lab
Aggregates	BS EN 1097-6-2013	Test for Mechanical and Physical Properties of Aggregates, Determination of Particle Density and Water Absorption	Street No. 13 Soil Lab
Aggregates	BS EN 1367 -2	Determination of Magnesium Sulphate Soundness Test	Street No. 13 Soil Lab
Aggregates	BS EN 1367-4	Tests for thermal and Weathering Properties of Aggregates, Part 4 Determination of Drying Shrinkage	Street No. 13 Soil Lab
Aggregates	BS EN 1744-1:2001-A1:2012	Tests for chemical properties of aggregates-Chemical analysis-	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		Cl. 12 Determination of acid soluble sulfates	
Aggregates	BS EN 1744-5:2006	Tests for chemical properties of aggregates-Determination of acid soluble chloride salts	Street No. 2 Wet Chemistry
Aggregates	BS EN ISO 11127-7:2011	Preparation of steel substrates before application of paints and related products- Test Methods for non-metallic blast-cleaning abrasives- Determination of water-soluble chlorides	Street No. 2 Wet Chemistry
Asphalt	AASHTO Designation T 283-14	Resistance of Compacted Asphalt Mixtures to Moisture-Induced Damage	Street No. 13 Asphalt Lab
Asphalt	ASTM D546	Standard Test Method for Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures (ASTM D546-10)	Street No. 13 Asphalt Lab
Asphalt	ASTM D979/D979M	Standard Practice for Sampling Bituminous Paving Mixtures	Street No. 13 Asphalt Lab
Asphalt	ASTM D1188	Bulk Specific Gravity and density of Compacted Bituminous Mixtures using Coated samples.	Street No. 13 Asphalt Lab
Asphalt	ASTM D2041/D2041M	Standards Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixture. Procedure 9.5.1 (Weighing in water)	Street No. 13 Asphalt Lab
Asphalt	ASTM D2172/D2172M	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures Ashing Method Clause 11.6.1	Street No. 2 Wet Chemistry
Asphalt	ASTM D2726/D2726M	Standard Test Method for Bulk Specific Gravity and Density of Non Absorptive Compacted Bituminous Mixtures	Street No. 13 Asphalt Lab
Asphalt	ASTM D2950/D2950M	Standard Test Method for Density of Bituminous Concrete in Place by Nuclear Methods	Street No. 13 Asphalt Lab
Asphalt	ASTM D3203	Standard Test Method for Percent Air Voids in Compacted Asphalt Mixtures	Street No. 13 Asphalt Lab
Asphalt	ASTM D3549/D3549M	Standard Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens	Street No. 13 Asphalt Lab
Asphalt	ASTM D5361/D5361M	Standard Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing	Street No. 13 Asphalt Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Asphalt	ASTM D6926	Preparation of Bituminous Specimens using Marshall apparatus	Street No. 13 Asphalt Lab
Asphalt	ASTM D6927	Standard Test for Marshall Stability and Flow of Bituminous Materials	Street No. 13 Asphalt Lab
Asphalt	ASTM D6931-17	Standard Method for Indirect (IDT) Strength of Asphalt mixtures	Asphalt
Asphalt	BS 598-104:2005	Sampling and examination of bituminous mixtures for road and other areas: Methods of test for determination of density and compaction Cl. 4 Measurement of Density of Cores	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-Part 1:2012	Bituminous mixtures. Test Methods for Hot Mix Asphalt. Soluble binder content. Centrifuge extraction method	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-Part 2:2015	Bituminous Mixtures Test Method for Hot Mix Asphalt, Determination of Particle size Distribution	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-5:2009	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Determination of the maximum density	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-6:2012	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Determination of bulk density of bituminous specimens	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-8:2003	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Determination of void characteristics of bituminous specimens	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-9:2002	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Determination of the reference density	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-13:2000	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Temperature measurement	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-26:2012	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Stiffness	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-27:2001	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Sampling	Street No. 13 Asphalt Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Asphalt	BS EN 12697-28:2001	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Preparation of samples for determining binder content, water content and grading	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-29:2002	Bituminous mixtures- Test Methods for Hot Mix Asphalt-Determination of the dimensions of a bituminous specimen	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-Part 30:2012	Bituminous Mixtures Test Method for Hot Mix Asphalt, Specimen preparation by Impact Compactor	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-Part 34:2012	Bituminous Mixtures Test Method for Hot Mix Asphalt, Marshall Test	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-35:2004	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Laboratory mixing	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-Part 36:2003	Bituminous Mixtures Test Method for Hot Mix Asphalt, Determination of thickness of a Bituminous Pavement	Street No. 13 Asphalt Lab
Asphalt	BS EN 12697-39:2012	Bituminous mixtures- Test Methods for Hot Mix Asphalt-Binder content by ignition	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D5/D5M-13	Standard Test Method for Penetration of Bituminous Materials	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D6/D6M-95 (Reapproved 2018)	Standard Test Method for Loss on Heating of Oil and Asphaltic Compounds	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D36/D36M-14	Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D92-16b	Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D113-17	Standard Test Method for Ductility of Asphalt Materials	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D140/D140M-16	Standard Practice for Sampling of Asphalt Materials	Street No. 13 Asphalt Lab
Asphalt Binder	ASTM D2042-15	Standard Test Method for Solubility of Asphalt Materials by Trichloroethylene	Street No. 13 Asphalt Lab
CBGM	BS EN 1924-2-1990	Stabilized Materials for Engineering Purposes CI 1.3.3 Determination of Moisture Content (Oven Drying Method)	Street No. 13 Soil Lab
CBGM	BS EN 1924-2-1990	Stabilized materials for civil engineering purposes Part 2.	Street No. 13 Soil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		Methods of test for cement-stabilized and lime-stabilized materials. CI 4.2 Determination of Compressive Strength of Cubic Specimen	
CBGM	BS EN 1924-2-1990	Stabilized materials for civil engineering purposes Part 2. Methods of test for cement-stabilized and lime-stabilized materials. CI 4.3 Determination of the effect of immersion in water on the compressive strength	Street No. 13 Soil Lab
Cement	AASHTO TP64 – 03	Standard Method of Test for Predicting Chloride Penetration of Hydraulic Cement Concrete by the Rapid Migration Procedure	Street No. 13 Cement Lab
Cement	ASTM C 109	Standards test Methods for Compressive Strength of Hydraulic Cement Mortars	Street No. 13 Concrete Lab
Cement	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Cl. 7 - Insoluble Residue	Street No. 2 Wet Chemistry
Cement	ASTM C114	Chemical Analysis of Hydraulic Cements Silicon Dioxide-Reference Test Method Cl.8	Street No. 2 Wet Chemistry
Cement	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Cl. 10 Fe ₂ O ₃	Street No. 2 Wet Chemistry
Cement	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Cl. 14 - Al ₂ O ₃	Street No. 2 Wet Chemistry
Cement	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements; Cl. 18 - Loss on Ignition	Street No. 2 Wet Chemistry
Cement	ASTM C114-15	Standard Test Methods for Chemical Analysis of Hydraulic Cements; Cl. 23 - CaO (Alternative Method)	Street No. 2 Wet Chemistry
Cement	ASTM C183	Sampling and the amount of Testing of Hydraulic Cement	Street No. 13 Cement Lab
Cement	ASTM C187	Standard Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste	Street No. 13 Cement Lab
Cement	ASTM C191	Standard Test Method for Time Setting of Hydraulic Cement by Vicat Needle	Street No. 13 Cement Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Cement	ASTM C305	Standard Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	Street No. 13 Soil Lab
Cement	ASTM C349	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars: Using Portions of Prisms Broken in Flexure	Street No. 13 Cement Lab
Cement	ASTM C989/C989M	Standard Specification for Slag Cement for use in Concrete and Mortars	Street No. 13 Cement Lab
Cement	ASTM C1240	Silica Fume Used in Cementitious Mixtures	Street No. 13 Cement Lab
Cement	BS 5075 Part 1:1982	Concrete Admixtures: Specifications for accelerating admixtures, regarding admixtures and water	Street No. 13 Cement Lab
Cement	BS EN 196-1:2005	Methods of testing cement- Determination of strength	Street No. 13 Cement Lab
Cement	BS EN 196-2:2013	Method of testing cement- Chemical analysis of cement- Cl. 4.1.5 Preparation of Test Sample of Cement (BS EN 196-2:2005 Cl. 6)	Street No. 02 Chemical Lab
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement Cl. 4.4.1 Determination of Loss on ignition (BS EN 196- 2:2005 Cl. 7)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.4.2 Determination of Sulphate (BS EN 196-2:2005 Cl. 8)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.4.3 Determination of residue in insoluble in hydrochloric acid and sodium carbonate (BS EN 196-2:2005 Cl. 9)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.4.5 Decomposition (BS EN 196-2:2005 Cl. 13.5)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement- Chemical analysis of cement- Cl. 4.5.2 Decomposition with sodium peroxide (BS EN 196-2:2005 Cl. 13.2)	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.5.6 Determination of Pure silica (BS EN 196-2:2005 Cl. 13.6)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement- Chemical analysis of cement- Cl. 4.5.8 Determination of soluble silica (BS EN 196- 2:2005 Cl. 13.8)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement- Chemical analysis of cement- Cl. 4.5.9 Determination of total silica (BS EN 196- 2:2005 Cl. 13.9)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.5.10 Determination of Iron oxide (BS EN 196- 2:2005 Cl. 13.10)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.5.11 Determination of Aluminium Oxide Al ₂ O ₃ (BS EN 196-2:2005 Cl.13.11)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement- Chemical analysis of cement- Cl. 4.5.13 Determination of magnesium oxide by DCTA-reference method (BS EN 196-2:2005 Cl. 13.13)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement Cl. 4.5.14 Determination of Calcium by EDTA (BS EN 196-2:2005 Cl. 13.14)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.5.15 Determination of magnesium by EDTA method (BS EN 196-2:2005 Cl. 13.15)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.5.16 Chloride in cement (BS EN 196-2:2005 Cl. 14)	Street No. 2 Wet Chemistry
Cement	BS EN 196-2:2013	Method of testing cement. Chemical analysis of cement. Cl. 4.15.19 Determination of alkali-reference method (BS EN 196-2:2005 Cl. 17)	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Cement	BS EN 196-3:2005+A1:2008	Methods of testing cement- Determination of setting times and soundness	Street No. 13 Cement Lab
Cement	BS EN 196-6-2010	Methods of testing cement- Determination of fineness	Street No. 13 Cement Lab
Cement	BS EN 196-7-2007	Methods of testing cement- Methods of taking and preparing samples of cement	Street No. 13 Cement Lab
Cement	BS EN 196-2 2013	Method of testing cement- Part 2 Chemical analysis of cement Cl. 4.5.16 determination of chloride	Street No. 2 Wet Chemistry
Cement	NT Build 492	Concrete, Mortar and Cement-Based Repair Materials: Chloride Migration Coefficient From Non-Steady-State Migration Experiments	Street No. 13 Cement Lab
Concrete	AASHTO T260-97	Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials. Potentiometric Titration Cl.5.4.1 - Method 1:	Street No. 2 Wet Chemistry
Concrete	ASTM C31/C31M:15ae1	Standard Practice for Making and Curing Test Specimens in the Field	Street No. 13 Concrete Lab
Concrete	ASTM C39/C39M-16	Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens	Street No. 13 Concrete Lab
Concrete	ASTM C42/C42M-13	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	Street No. 13 Concrete Lab
Concrete	ASTM C133 - 97(2015)	Cold Crushing Strength and Modulus of Rupture of Refractories	Street No. 13 Concrete Lab
Concrete	ASTM C134 - 95(2016)	Size, Dimensional Measurements, and Bulk Density of Refractory Brick and Insulating Firebrick	Street No. 13 Concrete Lab
Concrete	ASTM C138/C138M:2016	Standard Test Method for Density (Unit Weight), Yield, and Air content (Gravimetric) of Concrete	Street No. 13 Concrete Lab
Concrete	ASTM C143/C143M-15a	Standard Test Method for Slump of Hydraulic Cement Concrete	Street No. 13 Concrete Lab
Concrete	ASTM C172/C172M:2014	Sampling Freshly Mixed Concrete	Street No. 13 Concrete Lab
Concrete	ASTM C231/C231M-14	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method	Street No. 13 Concrete Lab
Concrete	ASTM C232/C232M-14	Standard Test Method for Bleeding of Concrete	Street No. 13 Concrete Lab

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Concrete	ASTM C617/C617M-15	Standard Practice for Capping Cylindrical Concrete Specimens	Street No. 13 Concrete Lab
Concrete	ASTM C1064/C1064M-12	Standard Test Method for Temperature of Freshly Mixed Hydraulic Cement Concrete	Street No. 13 Concrete Lab
Concrete	ASTM C1152/C1152M	Standard Test Method for Acid Soluble Chloride in Mortar and Concrete	Street No. 2 Wet Chemistry
Concrete	ASTM C1202-12	Standard Test Method for Electrical Indication of Concrete to Resist Chloride Ion Penetration	Street No. 13 Cement Lab
Concrete	ASTM C1218/C1218M	Water Soluble Chloride in Mortar and Concrete	Street No. 2 Wet Chemistry
Concrete	ASTM C1385/C1385M-10	Standard Practice for Sampling Materials for Shotcrete	Street No. 13 Concrete Lab
Concrete	ASTM C1611/ C1611M - 14	Standard Test Method for Slump Flow of Consolidating concrete	Street No. 13 Concrete Lab
Concrete	BS-1881-Part 122-2011	Testing Hardened Concrete Method for Determination of water Absorption	Street No. 13 Cement Lab
Concrete	BS 1881 Part 124:2015	Testing Concrete: Method for the analysis of hardened concrete. Cl. 10.2 Determination of chloride content.	Street No. 2 Wet Chemistry
Concrete	BS 1881 Part 124:2015	Testing Concrete: Method for the analysis of hardened concrete. Cl. 10.3 Determination of Sulphate content	Street No. 2 Wet Chemistry
Concrete	BS 1881-204:1988	Testing concrete. Recommendations on the use of electromagnetic cover meters	Street No. 13 Soil Lab
Concrete	BS 1881-208:1996	Testing Concrete: Recommendations for the determination of the initial surface absorption of concrete	Street No. 13 Cement Lab
Concrete	BS EN 1542:1999	Measurement of bond Strength By Pull off Method	Street No. 13 Soil Lab
Concrete	BS EN 12350-1:2009	Testing fresh concrete-Sampling	Street No. 13 Concrete Lab
Concrete	BS EN 12350-2:2009	Testing fresh concrete. Slump-test	Street No. 13 Concrete Lab
Concrete	BS EN -12350-5:2009	Testing fresh concrete - Part 5: Flow table test	Street No. 13 Concrete Lab
Concrete	BS EN-12390-1-2009	Testing of hardened Concrete Shape, Dimension and other requirement for Specimens and molds	Street No. 13 Concrete Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Concrete	BS EN 12390-2:2009	Testing hardened concrete. Making and curing specimens for strength tests	Street No. 13 Concrete Lab
Concrete	BSEN-12390-3-2009	Testing of hardened Concrete Compressive Strength test of Concrete Specimen	Street No. 13 Concrete Lab
Concrete	BS EN-12390-7-2009	Testing of hardened Concrete Density test of Concrete Specimen	Street No. 13 Concrete Lab
Concrete	BS EN -12390-8-2009	Testing hardened concrete Depth of Penetration of Water under Pressure	Street No. 13 Cement Lab
Concrete	BS EN 12504-1:2009	Testing concrete in structures- Cored specimens. Taking, examining and testing in compression	Street No. 13 Concrete Lab
Concrete	BS EN 12504-2:2012	Testing Concrete in Structures: Part 2: Non- Destructive testing - Determination of Rebound Number	Street No. 13 Concrete Lab
Concrete	BS EN 14488-1	Testing Sprayed Concrete - Part 1: Sampling of Fresh and hardened Concrete	Street No. 13 Concrete Lab
Concrete	BS EN 14488-2	Testing Sprayed concrete. Compressive Strength of Young Sprayed Concrete (Method A and Method B)	Street No. 13 Concrete Lab
Concrete	BS EN 14488-5	Testing Sprayed concrete - Determination of Energy Absorption Capacity of Fibre reinforce concrete Slab Specimen	Street No. 13 Concrete Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D92	Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D445	Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D664	Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D923	Standard Practices for Sampling Electrical Insulating Liquids	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D924	Standard Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity	Street No. 2 Oil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		(Dielectric Constant) of Electrical Insulating Liquids	
Electrical Insulating Liquids (Transformer Oils)	ASTM D971	Standard Test Method for Interfacial Tension of Oil Against Water by the Ring Method	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D1275	Standard Test Method for Corrosive Sulfur in Electrical Insulating Oils	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D1298	Standard Test Method for density, relative density, or API gravity of crude petroleum and liquid petroleum products by hydrometer method	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D1500	Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D1533	Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D1816	Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using VDE Electrodes	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D3612	Standard Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography (ASTM D3612 Method C)	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ASTM D5837	Standard Test Method for Furanic Compounds in Electrical Insulating Liquids by High-Performance Liquid Chromatography (HPLC)	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	GL-SOP-PL-07 NAS 1638	Particle Count in Oils	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60156	Insulating liquids - Determination of the breakdown voltage at power frequency - Test method	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60247	Insulating liquids - Measurement of relative permittivity, dielectric dissipation factor (tan d) and d.c. resistivity	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60422 Annex C C.1	Mineral insulating oils in electrical equipment – Supervision and maintenance guidance Test method for determination of sediment	Street No. 2 Oil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Electrical Insulating Liquids (Transformer Oils)	IEC 60422 Annex Clause C.2	Mineral insulating oils in electrical equipment – Supervision and maintenance guidance Test method for determination of sediment Unused hydrocarbon-based insulating liquids —Test methods for evaluating the oxidation stability - Clause 1.9.1 Sludge formation	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60475	Method of sampling insulating liquids	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60567	Oil-filled electrical equipment - Sampling of gases and analysis of free and dissolved gases - Guidance	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60814	Insulating liquids —Oil-impregnated paper and pressboard — Determination of water by automatic coulometric Karl Fischer titration	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 60970	Insulating liquids - Methods for counting and sizing particles	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 61125 Cl 1.9.1	Mineral insulating oils in electrical equipment – Supervision and maintenance guidance Test method for determination of sediment Unused hydrocarbon-based insulating liquids —Test methods for evaluating the oxidation stability - Clause 1.9.1 Sludge formation	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 61198	Mineral insulating oils -Methods for the determination of 2-furfural and related compounds.	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 62021	Insulating liquids - Determination of acidity - Part 1: Automatic potentiometric titration	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 62535	Insulating liquids - Test method for detection of potentially corrosive sulphur in used and unused insulating oil	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	IEC 62691	Test methods for the determination of interfacial tension of insulating liquids – Determination with the ring method	Street No. 2 Oil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Electrical Insulating Liquids (Transformer Oils)	ISO 2049	Petroleum products -- Determination of colour (ASTM scale)	Street No. 2 Oil Lab
Electrical Insulating Liquids (Transformer Oils)	ISO 3104	Petroleum products -- Transparent and opaque liquids -- Determination of kinematic viscosity and calculation of dynamic viscosity	Street No. 2 Oil Lab
Environmental Chemistry - Marine Water and Sediment	MOOPAM	Manual of oceanographic observations and pollutant analyses methods (MOOPAM) - 1999 (IV-38): Total Organic Carbon	Street No. 2 Wet Chemistry
Environmental Chemistry - Sediment, Soil, and Solid Wastes - Organics	US EPA Method 5035/8260C	US EPA - Methods for Chemical Analysis of Water and Wastes Purge and Trap for Aqueous Sample / Closed System Purge and Trap and Extraction for Volatile Organics in Soil and Waste Sample/ Volatile Organic Compounds by GC-MS	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Sediment, Soil, and Solid Wastes - Organics	US EPA Method 8015C	US EPA - Methods for Chemical Analysis of Water and Wastes Total Petroleum Hydrocarbons (TPH) /Analysis of Semi-volatile organic compounds by GC-MS	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Sediment, Soil, and Solid Waste Organics	US EPA Method 8015C	US EPA - Methods for Chemical Analysis of Water and Wastes Method 8015C Nonhalogenated Organics by Gas Chromatography (GC-MS)	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Sediment, Soil, and Solid Waste Organics	US EPA Method 8041A / 3546	US EPA - Methods for Chemical Analysis of Water and Wastes Method 8041a Phenols by Gas Chromatography	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Sediment, Soil, and Solid Waste Organics	US EPA Method 8270D / 3546	US EPA - Methods for Chemical Analysis of Water and Wastes Method 8270D Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Sediment, Soil, and Solid Waste Organics	US EPA Method 9071B	US EPA - Methods for Chemical Analysis of Water and Wastes Method 9071B n-Hexane Extractable Material (HEM) for Sludge, Sediment, and Solid Samples	Street No. 2 Environmental-GC Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Environmental Chemistry - Soil/Wastes	US EPA 1311	Toxicity Characteristic Leaching Procedure	Street No. 2 Environmental - GC Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2110	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Appearance	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2120 C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Spectrophotometric-Single Wavelength Method (Proposed) - Color	Street No. 2 Water/Wastewater testing
Environmental Chemistry- Water and Wastewater	APHA/AWWA 2130 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Turbidity, Nephelometric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2310 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Titration Method (Acidity)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2320 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Total Alkalinity, Titration method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2320-B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Alkalinity: Titration Method - Bicarbonate	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2320-B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Alkalinity: Titration Method - Carbonate	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2340 C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Total Hardness, EDTA Titrimetric Method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2510 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Conductivity, Laboratory method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2520-B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Total Suspended Solids (TSS) Dried @ 103°C - 105°C	Street No. 2 Water/Wastewater testing

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Total Solids Dried at 103 - 105°C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Total Dissolved Solids Dried at 180°C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 C & E	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Total Dissolved Solids Dried at 180°C. Total Volatile Dissolve Solids Ignited at 550°C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 D	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 Total Suspended Solids	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 D & E.	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 Total Suspended Solids and Total Volatile Suspended Solids Ignited at 550°C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 E.	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 Fixed and Volatile Solids Ignited at 550°C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 F	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Settleable Solids	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2540 G	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Total, Fixed, and Volatile Solids in Solid and Semi-solid samples.	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2550 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Laboratory and Field Methods (Temperature)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2580	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Oxidation- Reduction Potential Measurement in Clean Water -	Street No. 2 Water/Wastewater testing

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		Oxidation Reduction Potential (ORP)	
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2710-C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Test on sludge - settled sludge volume	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 2710-D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Sludge - Sludge volume Index (SVI)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Aluminum Al	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Antimony Sb	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Arsenic As	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Barium Ba	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Beryllium Be	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Boron B	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Cadmium Cd	Street No. 2 Environmental-ICP Lab

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Calcium Ca	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Chromium Cr	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Cobalt Co	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Copper Cu	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Iron Fe	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Lead Pb	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Lithium Li	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Magnesium Mg	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Manganese Mn	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017	Street No. 2 Environmental-ICP Lab

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		ICP-Atomic Emission Spectroscopy Mercury Hg	
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Molybdenum Mo	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Nickel Ni	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Phosphorus P	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Potassium K	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Selenium Se	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Silicon Si	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Silver Ag	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Sodium Na	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Thallium Tl	Street No. 2 Environmental-ICP Lab

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Tin Sn	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Titanium Ti	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Vanadium V	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3120 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 ICP-Atomic Emission Spectroscopy Zinc Zn	Street No. 2 Environmental-ICP Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3500 Ca B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Calcium, EDTA Titrimetric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3500-Fe B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017. Iron in water by Phenanthroline Colourimetric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 3500 Mg B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Magnesium, Calculation method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4110-B Chloride	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Anions by Ion Chromatography. Determination of Anions by Ion Chromatography with chemical suppression of eluent conductivity - Chloride	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4110-B Nitrate	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Anions by Ion Chromatography. Determination of Anions by Ion Chromatography with chemical suppression of eluent conductivity - Nitrate	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 4110-B Nitrite	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Anions by Ion Chromatography. Determination of Anions by Ion Chromatography with chemical suppression of eluent conductivity - Nitrite	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4110-B Sulphate	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Anions by Ion Chromatography. Determination of Anions by Ion Chromatography with chemical suppression of eluent conductivity - Sulphate	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4110 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Ion Chromatographic determination of Oxyhalides and Bromide	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-Cl B	Standard Methods for the Examination of Water and 23rd Edition:2017 Iodometric Method I (Chlorine - Residual)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500 Cl ⁻ B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Chloride, Argentometric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-Cl ⁻ D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Potentiometric Method (Chloride)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-Cl G	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 DPD Colorimetric Method (Chlorine - Residual)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-CN C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Total Cyanide After Distillation	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-CN ⁻ E	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Colorimetric Method (Cyanide)	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-CN ⁻ F	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Cyanide Selective Electrode Method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-CO ₂ C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Titrimetric Method for Free Carbon Dioxide (Carbon Dioxide)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500 F ⁻ D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Fluoride, SPADNS method Test	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500 H ⁺ B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 pH value, Electrometric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-N _{org} B and 4500 NH ₃ C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Macro Kjeldahl Method and Titrimetric Method (N/N Org)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-N _{org} B and 4500 NH ₃ F	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Macro Kjeldahl Method. Phenate Method (LR)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-NH ₃ B & C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Preliminary Distillation Step and Titrimetric Method (Nitrogen - Ammonia)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-NH ₃ F	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Phenate Method (Nitrogen - Ammonia)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-NO ₂ ⁻ B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Colorimetric Method (Nitrogen - Nitrite)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-NO ₃ ⁻ D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Nitrate Electrode Method (Nitrogen - Nitrate)	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-NO ₃ ⁻ E	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Cadmium Reduction Method (Nitrogen - Nitrate)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-O C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Azide Modification - Oxygen (Dissolved)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-P B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 Sample Preparation for Determination of Phosphorus	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500- P C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Vanadomolybdophosphoric Acid Colorimetric Method (Phosphorus)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-P D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Stannous Chloride Method (Phosphorus)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-S ²⁻ D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Methylene Blue Method (Sulfide)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-S ²⁻ F	Standard Methods for the Examination of Water and Wastewater 22nd Edition: 2012 Sulfide - Iodometric Method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500-SiO ₂ C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Molybdosilicate Method (Silica)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 4500 SO ₄ ²⁻ C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Sulfate - Gravimetric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 5210 B and 4500-O C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 BOD Test. Determination of Dissolved Oxygen. Biochemical Oxygen Demand - 5-Day	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 5220 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Chemical Oxygen Demand (COD) Closed Reflux Colorimetric Method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 5310 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Total Organic Carbon (TOC), High Temperature Combustion Method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 5520 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Liquid-liquid Partition Gravimetric Method (Oil and Grease)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 5520 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Soxhlet Extraction Method (Oil and Grease)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 5530 B & C	Standard Methods for the Examination of Water and Wastewater 22nd Edition: 2012 Cleanup/Chloroform Extraction Method (Phenol)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 5540 C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Anionic Surfactants as MBAS (Surfactants)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	APHA/AWWA 6200 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 Purge and Trap Capillary Column Gas Chromatographic / Mass Spectrophotometric Method (Volatile Organic Compounds)	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 6410 B	Standard Methods for the Examination of Water and Wastewaters 23rd Edition:2017 Liquid-Liquid Extraction Gas Chromatographic / Mass Spectrophotometric Method	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water and Wastewater	APHA/AWWA 9260 J	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Legionella	Street No. 2 Environmental-Microbiology Lab

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Environmental Chemistry - Water and Wastewater	APHA/AWWA 10200 H	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Chlorophyll	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	ASTM D512	Standard Test Method for Chloride Ion in Water	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	ASTM D516	Standard Test Method for Sulfate Ion in Water	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	ASTM D1252	Standard Test Methods for Chemical Oxygen Demand (Dichromate Oxygen Demand) of Water	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	ASTM D1498	Standard Test Method for Oxidation Reduction Potential of Water	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	ASTM D4458	Standard Test Method for Chloride Ion in Brackish water, Seawater, and Brines	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	ASTM D5176	Total Chemically Bound Nitrogen in water by Pyrolysis and Chemiluminescence Detection	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 5 Determination of the sulphate content of soil and ground water	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 8 Determination of total dissolved solids	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	BS 6068-2.5:1995	Water Quality: Physical, chemical, and Biochemical methods - Determination of pH	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	BS EN ISO 9963-1:1996, BS 6068-2.51:1996	Water quality-Determination of alkalinity-Determination of total and composite alkalinity	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	METHOD: RT-PCR (GL-LC-SOP-00-245)	Giardia	Street No. 2 Environmental-Microbiology Lab
Environmental Chemistry - Water and Wastewater	METHOD: RT-PCR (GL-LC-SOP-00-245)	Enteric Virus	Street No. 2 Environmental-Microbiology Lab
Environmental Chemistry - Water and Wastewater	US EPA Method 110.2 -	US EPA - Methods for Chemical Analysis of Water and Wastes Color - Colorimetric Platinum Cobalt	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater	US EPA Method 110.3	US EPA - Methods for Chemical Analysis of Water and Wastes Color Spectrophotometric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 120.1	S EPA - Methods for Chemical Analysis of Water and Wastes Conductance Specific Conductance	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 150.1	US EPA - Methods for Chemical Analysis of Water and Wastes pH Electrometric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 160.1	US EPA - Methods for Chemical Analysis of Water and Wastes Residue Gravimetric Dried at 180C - Filterable	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 160.2	US EPA - Methods for Chemical Analysis of Water and Wastes Gravimetric 103- 105 C (Non-Filterable)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 160.3	S EPA - Methods for Chemical Analysis of Water and Wastes Residue, Total Gravimetric, Dried at 103-105C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 160.4	US EPA - Methods for Chemical Analysis of Water and Wastes Volatile Gravimetric Ignition at 150 C	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 180.1	US EPA - Methods for Chemical Analysis of Water and Wastes. Alkalinity Nephelometric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 215.2	US EPA - Methods for Chemical Analysis of Water and Wastes. Calcium EDTA Titrimetric method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 300.1	US EPA - Methods for Chemical Analysis of Water and Wastes Determination of inorganic anions in drinking water by ion chromatography	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 305.1	US EPA - Methods for Chemical Analysis of Water and Wastes Acidity Method 305.1 - Titrimetric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 310.1 -	US EPA - Methods for Chemical Analysis of Water and Wastes. Alkalinity Titrimetric (pH - 4.5)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 330.5	US EPA - Methods for Chemical Analysis of Water and Wastes Total Residual - Spectrophotometric DPD	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater	US EPA Method 340.1	US EPA - Methods for Chemical Analysis of Water and Wastes Fluoride SPADNS method	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 350.2 -	US EPA - Methods for Chemical Analysis of Water and Wastes. Nitrogen Ammonia Titrimetric Distillation Procedure	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 351.3	US EPA - Methods for Chemical Analysis of Water and Wastes Nitrogen Total, Kjeldahl Colorimetric, Titrimetric, or Potentionmetric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA - Methods for Chemical Analysis of Water and Wastes Nitrite Method 354.1	Spectrophotometric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 360.2	US EPA - Methods for Chemical Analysis of Water and Wastes. Oxygen -Dissolved Modified Winkler (Full Bottle Technique)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 375.4	US EPA - Methods for Chemical Analysis of Water and Wastes Sulfate Turbidimetric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 420.1	US EPA - Methods for Chemical Analysis of Water and Wastes Spectrophotometric Manual 4-AAP with distillation (Phenolic, Total Recoverable)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 425.1	US EPA - Methods for Chemical Analysis of Water and Wastes Methylene Blue Active Substances (MBAS) Colorimetric	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 1664, Revision A	US EPA - Methods for Chemical Analysis of Water and Wastes. N-Hexane Extractable Material (HEM; Oil and Grease) and Silica Gel Treated N-Hexane Extractable Material (SGTHEM; Non-polar Material) by Extraction and Gravimetry	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 3060A and 7196A	US EPA -Methods for Chemical Analysis of Water and Wastes Chromium, Hexavalent (Colorimetric)	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water and Wastewater	US EPA Method 3510C / 8270 D	US EPA - Methods for Chemical Analysis of Water and Wastes Semi- Volatile Organic Compounds by Gas	Street No. 2 Environmental-GC Lab

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		Chromatography/Mass Spectrometry (GC/MS)	
Environmental Chemistry - Water and Wastewater	US EPA Method 5030/5035/8260C	US EPA - Methods for Chemical Analysis of Water and Wastes 5030 Purge and Trap for Aqueous Sample / Closed System Purge and Trap and Extraction for Volatile Organics in Soil and Waste Sample/ Trihalomethane in water	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water and Wastewater	US EPA Method 5030 C / 8260 C	US EPA – Methods for Chemical Analysis of Water and Wastes. Purge and Trap for Aqueous Sample/ BTEX in water - Volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water and Wastewater	US EPA Method 9060A	US EPA - Methods for Chemical Analysis of Water and Wastes Total Organic Carbon	Street No. 2 Water/Wastewater testing
Environmental Chemistry - Water, Wastewater - Organics	US EPA Method 8015C	US EPA - Methods for Chemical Analysis of Water and Wastes Nonhalogenated Organics by Gas Chromatography (GC- FID)	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water, Wastewater - Organics	US EPA Method 8041A	US EPA - Methods for Chemical Analysis of Water and Wastes Phenols by Gas Chromatography	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water, Wastewater - Organics	US EPA Method 8081B	US EPA - Methods for Chemical Analysis of Water and Wastes. Organochlorine Pesticides by Gas Chromatography	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water, Wastewater - Organics	US EPA Method 8260 C	US EPA - Methods for Chemical Analysis of Water and Wastes Volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water, Wastewater - Organics	US EPA Method 8270D	US EPA - Methods for Chemical Analysis of Water and Wastes Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) and GC-FID	Street No. 2 Environmental-GC Lab
Environmental Chemistry - Water, Wastewater - Organics	US EPA Method 9065	US EPA - Methods for Chemical Analysis of Water and Wastes Phenolics (Spectrophotometric, Manual 4-AAP With Distillation)	Street No. 2 Water/Wastewater testing

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Environmental Chemistry - Water and Wastewater, Sediment, Soil, and Sludge - Metals	US EPA Method 6010C	US EPA – Methods for Chemical Analysis of Water and Wastes Revision 3 February 2007 Inductively Coupled Plasma – Atomic Emission Spectrometry Al, Ba, Be, B, Cd, Cr, Cu, Co, Ca, Fe, Pb, Li, Mg, Mo, Ni, Zn, Sb, As, Hg, K, Se, Si, Ag, Na, Sr, Tl, Sn, Ti, V, W	Street No. 2 Environmental-ICP Lab
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Silicon Dioxide-Reference Test Method Cl. 8	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Ammonium Hydroxide Group-Reference Test Method Cl. 9	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Zinc Oxide-Reference Test Method Cl. 13)	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Calcium Oxide-Reference Test Method Cl. 15	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements Magnesium Oxide-Reference Test Method Cl. 16	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements - Sulfur Cl. 17	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C114	Standard Test Methods for Chemical Analysis of Hydraulic Cements - Chloroform-Soluble Organic Substances-Reference Test Method Cl. 22	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C311/C311M	Sampling and Testing Fly Ash or Natural Pozzolans for use in Portland Cement Concrete	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C311/C311M	Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete Moisture content	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C494/C494M	Standard specification for Chemical Admixtures for Concrete	Street No. 2 Wet Chemistry

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Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C618	Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM C1240	Standard Specification for Silica Fume Used in Cementitious Mixtures	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	ASTM E70	Standard Test Method for pH of Aqueous solutions with the glass electrodes	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	BS EN 450-1:2012	Fly ash for concrete-Definition, specifications and conformity criteria	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	BS EN 480-8:2012	Admixture for concrete, mortar and grout - Test Methods Part 8; Determination of the conventional dry material content	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	BS EN 480-10-2009	Admixture for concrete, mortar and grout - Test Methods Part 10: Method 1 Determination of water soluble chloride content	Street No. 2 Wet Chemistry
Fly Ash/Microsilica/ GGBS/ Admixture	BS EN 15167-1: 2006	Ground granulated blast furnace slag for use in concrete, mortar and grout. Definitions, specifications and conformity criteria Annex A: Method for determining the moisture content of granulated blast furnace slag	Street No. 2 Wet Chemistry
Garnet	ISO 11127-3: 2011 (E)	Preparation of steel substrates before application of paints and related products - Test Methods for non metallic blast-cleaning abrasives- Part 3: Determination of apparent density	Street No. 2 Soil Lab
Garnet	ISO 11127-4:2011 (E)	Preparation of steel substrates before application of paints and related products- Test methods for non-metallic blast-cleaning abrasives-Part 4: Assessment of hardness by a glass slide test	Street No. 2 Soil Lab
Garnet	ISO 11127-5: 2011 (E)	Preparation of steel substrates before application of paints and related products - Test Methods for non metallic blast-cleaning abrasives- Part 5: Determination of Moisture	Street No. 2 Soil Lab
Garnet	ISO 11127-6: 2011 (E)	Preparation of steel substrates before application of paints and related products - Test Methods	Street No. 2 Soil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		for non metallic blast-cleaning abrasives- Part 6: Determination of water soluble contaminants by conductivity measurement	
Geotechnical	ASTM C1353/C1353M	Standard Test Method for Abrasive Resistance of Dimension Stone Subjected to Foot Traffic using a Rotary Platform, Double Head Abraser	Street No. 13 Geotechnical Lab
Geotechnical	ASTM D3967	Standard Test Method for Splitting Tensile Strength of Intact Rock Core Specimens	Street No. 13 Geotechnical Lab
Geotechnical	ASTM D4543	Standard Practices for Preparing rock core as cylindrical test specimens and verifying conformance to dimensional and shape tolerances	Street No. 13 Geotechnical Lab
Geotechnical	ASTM D7012	Standard Test Methods for Compressive Strength and elastic moduli of intact rock core specimens under varying stress and temp-Test D - Method D: Elastic Moduli of Intact Rock Core Specimens in Uniaxial Compression.	Street No. 13 Geotechnical Lab
Geotechnical	ASTM D7625	Standard Test Method for Laboratory determination of abrasiveness of rock using the cerchar method	Street No. 13 Geotechnical Lab
Geotechnical	ASTM G57	Standard Test Method for Field measurement of Soil Resistivity Using the Wenner Four Electrode Method	Street No. 13 Geotechnical Lab
Geotechnical	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests Cl. 6.3 Determination of the carbonate content (Rapid titration method)	Street No. 2 Wet Chemistry
Geotechnical	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests Determination of the chloride content (Cl. 7.2 Determination of water- soluble chloride content)	Street No. 2 Wet Chemistry
Geotechnical	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests Determination of the chloride content (Cl. 7.3	Street No. 2 Wet Chemistry

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		Determination of acid-soluble chloride content)	
Geotechnical	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests Cl. 9.5 Determination of the pH value (Electrometric method of pH determination)	Street No. 2 Wet Chemistry
Geotechnical	BS 1377-5:1990	Soils for civil engineering purposes: Compressibility, permeability, and durability tests. Cl. 3 Determination of the one-dimensional consolidation properties	Street No. 13 Geotechnical Lab
Geotechnical	BS 1377 Part 7:1990	Soils for civil engineering purposes: Shear Strength test (Total Stress). Cl. 8 Determination of the undrained shear strength in triaxial compression without measurement of pore pressure (definitive method)	Street No. 13 Geotechnical Lab
Geotechnical	BS 1377-9:1990	Soils for civil engineering purposes: In Situ Tests. Cl. 3.3 Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	Street No. 13 Geotechnical Lab
Geotechnical	BS 1377-9:1990	Soils for civil engineering purposes: In Situ Tests. Cl. 4.1 Determination of the vertical deformation and strength characteristics of soil by the plate loading test	Street No. 13 Geotechnical Lab
Geotechnical	BS 1377-9:1990	Soils for civil engineering purposes: In Situ Tests. Cl. 4.3 Determination of the in-situ California Bearing Ratio (CBR)	Street No. 13 Geotechnical Lab
Geotechnical	BS 5930-A2:2010	Code of Practice for Site Investigations Procedure Cl. 6	Street No. 13 Geotechnical Lab
Geotechnical	BS 5930-A2:2010	Code of Practice for Site Investigations Sampling the ground Cl. 22	Street No. 13 Geotechnical Lab
Geotechnical	BS 5930-A2:2010	Code of Practice for Site Investigations Groundwater Cl. 23	Street No. 13 Geotechnical Lab
Geotechnical	BS 5930-A2:2010	Code of Practice for Site Investigations Tests in boreholes Cl. 25	Street No. 13 Geotechnical Lab

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Geotechnical	BS 5930-A2:2010	Code of Practice for Site Investigations Pumping Test Cl. 27	Street No. 13 Geotechnical Lab
Geotechnical	BS 5930-A2:2010	Code of Practice for Site Investigations Reports Cl. 47	Street No. 13 Geotechnical Lab
Geotechnical	ISRM 1978	ISRM 1978 (2007 Edition) Page 91 Determination of Hardness and Abrasiveness of Rock	Street No. 13 Geotechnical Lab
Geotechnical	ISRM 1978	ISRM 1978 (2007 Edition) Cl. 3 Laboratory testing of Rock Swelling ISRM Part 2 (1999-2006) p 295	Street No. 13 Geotechnical Lab
Gypsum	ASTM C471M	Standard Test Methods for Chemical Analysis of Gypsum and Gypsum Products-Metric	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Free Water Cl. 7	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Combined water Cl. 8	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Silicon Dioxide and insoluble Matter Cl. 10	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Iron and Aluminum Oxide Cl. 11	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Calcium Oxide Cl. 12	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Sulfur trioxide Cl.14	Street No. 2 Wet Chemistry
Gypsum	ASTM C471M	Standard Test Method for Chemical Analysis of Gypsum and Gypsum Products (Metric) - Chloride Cl. 15	Street No. 2 Wet Chemistry
Kerb Stone	BS EN 1340:2000	Concrete kerb units — Requirements and test methods. Annex E Determination of total water absorption	Street No. 13 Cement Lab

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Kerb Stone	BS EN 1340: 2003(E) ANNEX C (Normative)	Measurement of Dimensions of a Single Unit	Street No. 13 Asphalt Lab
Kerb Stone	BSEN 1340: 2003(E) ANNEX F (Normative)	Measurement of Bending Strength	Street No. 13 Asphalt Lab
Limestone	ASTM C25	Chemical Analysis of Limestone, Quicklime, and Hydrated Lime - Calcium and Magnesium Oxide- Alternative EDTA Titration Method Cl.31	Street No. 2 Wet Chemistry
Limestone	ASTM C25	Chemical Analysis of Limestone, Quicklime, and Hydrated Lime Insoluble Matter Including Silicon Dioxide-Optional Perchloric Acid Method Cl. 9)	Street No. 2 Wet Chemistry
Limestone	ASTM C25	Chemical Analysis of Limestone, Quicklime, and Hydrated Lime - Loss on Ignition Cl. 19	Street No. 2 Wet Chemistry
Limestone	ASTM C25	Chemical Analysis of Limestone, Quicklime, and Hydrated Lime - Silicon Dioxide Cl. 10	Street No. 2 Wet Chemistry
Limestone	ASTM C25	Chemical Analysis of Limestone, Quicklime, and Hydrated Lime - Total Sulfur by Sodium Carbonate Fusion Cl. 24	Street No. 2 Wet Chemistry
Limestone	US EPA Method 6010C	US EPA - Methods for Chemical Analysis of Water and Wastes Revision 3 February 2007 Method 6010C Inductively Coupled Plasma- Atomic Emission Spectrometry (Aluminum Oxide, Ferric Oxide, Titanium Dioxide, Potassium Oxide, Sodium Oxide, and Phosphorus Only	Street No. 2 Environmental-ICP Lab
Masonry	BS 6073-1:1981	Precast concrete masonry units- Specification for precast concrete masonry units (Compressive Strength)	Street No. 13 Concrete Lab
Masonry	BS 6717:2001	Precast, unreinforced concrete paving blocks-Requirements and Test Methods Annex B - Measurement of the dimensions of a single paving block	Street No. 13 Concrete Lab
Masonry	BS EN 771-3:20119	Specification for masonry units- Aggregate concrete masonry units-dense and lightweight aggregates (Water Absorption)	Street No. 13 Concrete Lab

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Masonry Units	BS EN 772-1-2011+A1:2015	Compressive Strength of Concrete Masonry Blocks	Street No. 13 Concrete Lab
Masonry	BS EN 1338:2003	Concrete paving blocks- Requirements and Test Methods- Annex E - Determination of total water absorption	Street No. 13 Cement Lab
Masonry Units	BS EN 1338: 2003	Tensile Strength of Paving Blocs Annex F	Street No. 13 Concrete Lab
Microbiology	APHA/AWWA 9213E	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Membrane Filter Technique for <i>Pseudomonas aeruginosa</i>	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9215 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Heterotrophic plate count (pour plate method)	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9215 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Heterotrophic Plate Count Membrane Filter Method	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9221 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Standard Total Coliform Fermentation Technique (Multiple-Tube Fermentation Technique)	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9221 E	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Fecal Coliform Procedure (Multiple-Tube Fermentation Technique)*	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9221 F	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 <i>Escherichia Coli</i> Procedure Using Fluorogenic Substrate* (Multiple-Tube Fermentation Technique)	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9222 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Membrane Filter Techniques. Standard Total Coliform Membrane Filter Procedure	Street No. 2 Environmental-Microbiology Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Microbiology	APHA/AWWA 9222 B and 9222 G.2	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Membrane Filter Techniques- Standard Total Coliform Membrane Filter Procedure (Total coliform) & MF Partition procedures (Escherichia coli)	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9222 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Fecal Coliform	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9223 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Enzyme Substrate Test E. Coli	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9223 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Enzyme Substrate Test Fecal coliform	Street No. 2 Environmental-Microbiology
Microbiology	APHA/AWWA 9223 B	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Enzyme Substrate Test Total coliform	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9230 C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Faecal Enterococcus/Streptococcus Group. Membrane Filter Techniques	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9230 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Faecal Enterococcus/ Streptococcus Group. Fluorogenic Substrate Enterococcus Test	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9240 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Iron and Sulfur Bacteria. Enumerating, Enriching, and Isolating Iron and Sulfur Bacteria	Street No. 2 Environmental-Microbiology Lab
Microbiology	APHA/AWWA 9240 D	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017.	Street No. 2 Environmental-Microbiology Lab

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		Iron and Sulfur Bacteria. Iron Bacteria	
Microbiology	APHA/AWWA 10750	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017. Nematological Examination	Street No. 2 Environmental-Microbiology Lab
Microbiology	BS EN ISO 16266:2008	Water quality-Detection and enumeration of Pseudomonas aeruginosa-Method by membrane filtration	Street No. 2 Environmental-Microbiology Lab
Microbiology	BS EN ISO 111731.2:2008	Water quality. Detection and enumeration of Legionella. Direct membrane filtration method for waters with low bacterial counts	Street No. 2 Environmental-Microbiology Lab
Microbiology	Laboratory Manual of Parasitological and Bacteriological Techniques	WHO, Laboratory Manual of Parasitological and Bacteriological Techniques/Microscopic Examination (Helminth and Nematode)	Street No. 2 Environmental-Microbiology Lab
Microbiology	Laboratory Manual of Parasitological and Bacteriological Techniques	WHO, Laboratory Manual of Parasitological and Bacteriological Techniques/Microscopic Examination (Helminth and Nematode) - Analysis of Wastewater for use in Agriculture	Street No. 2 Environmental-Microbiology Lab
Microbiology	Laboratory Manual of Parasitological and Bacteriological Techniques	WHO, Laboratory Manual of Parasitological and Bacteriological Techniques - Nematode Egg/Helminth Ova Section 2.1 The Modified Bailenger Method	Street No. 2 Environmental-Microbiology Lab
Microbiology	Manual of Microbiological Methods for the Food and Drinks Industry CCFRA 1.1.1	Manual of Microbiological Methods for the food and drinks Industry 5th Edition Guideline No.43 Standard Plate Count: CCFRA1.1.1:2007 - Total Bacterial Count (TBC) for Swab (Aerobic/ Anerobic)	Street No. 2 Environmental-Microbiology Lab
Microbiology	Manual of Microbiological Methods for the Food and Drinks Industry CCFRA 1.1.4	Manual of Microbiological Methods for the food and drinks Industry 5th Edition Guideline No.43 Standard Plate Count: CCFRA 1.1.4: 2003- Total Bacterial Count (Pour Plate Method)	Street No. 2 Environmental-Microbiology Lab

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Microbiology	US EPA Method 9132	US EPA - Methods for Chemical Analysis of Water and Wastes Total Coliform: Membrane-Filter Technique	Street No. 2 Environmental-Microbiology Lab
NDT	ASTM D7091 - 13/ Elcometer Guidelines	Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metal, Non Magnetic Non Conductive Non Ferrous Metal	Street No. 13 Soil Lab
Paving Flags and Slabs	BS EN 1339: 2003(E) ANNEX E (Normative)	Determination of Total Water Absorption	Street No. 13 Asphalt Lab
Paving Flags and Slabs	BSEN 1339: 2003(E) ANNEX F (Normative)	Measurement of Bending Strength and Breaking Load	Street No. 13 Asphalt Lab
Petroleum Products	ASTM D93	Standard Test Methods for Flash Point by Pensky- Martens Closed Cup Tester	Street No. 2 Oil Lab
Petroleum Products	ASTM D95-13e1	Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation ¹	Street No. 2 Oil Lab
Petroleum Products	ASTM D482-13	Standard Test Method for Ash from Petroleum Products ¹	Street No. 2 Oil Lab
Petroleum Products	ASTM D874-13a (2018)	Standard Test Method for Sulfated Ash from Lubricating Oils and Additives	Street No. 2 Oil Lab
Petroleum Products	ASTM D2270	Standard Practice for Calculating Viscosity Index from Kinematic Viscosity at 40 and 100°C	Street No. 2 Oil Lab
Petroleum Products	ASTM D2896	Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	Street No. 2 Oil Lab
Petroleum Products	ASTM D4052 – 18	Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter ¹	Street No. 2 Oil Lab
Petroleum Products	ASTM D4739	Standard Test Method for Base Number Determination by Potentiometric Hydrochloric Acid Titration	Street No. 2 Oil Lab
Petroleum Products	ASTM D6217-10	Particulate Contamination in Middle Distillate Fuels by Laboratory Filtration ¹ , mg/kg	Street No. 2 Oil Lab
Petroleum Products	ASTM D6304	Standard Test Method for Determination of Water in Petroleum Products, Lubricating	Street No. 2 Oil Lab

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		Oils, and Additives by Coulometric Karl Fischer Titration	
Petroleum Products	ASTM E2412-10(2018)	Condition Monitoring of In-Service Lubricants by Trend Analysis Using Fourier Transform Infrared (FT-IR) Spectrometry1	Street No. 2 Oil Lab
Petroleum Products	IEC 60296	Fluids for electrotechnical applications – Mineral insulating oils for electrical equipment (IEC 60296 Edition 5.0 2020-06, Clause 6.7 Colour and appearance)	Street No. 2 Oil Lab
Petroleum Products	IEC 60296	Fluids for electrotechnical applications – Mineral insulating oils for electrical equipment (IEC 60296 Edition 5.0 2020-06, Annexure A - Method for stray gassing under thermo-oxidative stress)	Street No. 2 Oil Lab
Petroleum Products	IEC 60450	Measurement of the average viscometric degree of polymerization of new and aged cellulosic electrically insulating materials (IEC 60450 Edition 2.1, 2007-07)	Street No. 2 Oil Lab
Petroleum Products	IEC 60450	Standard Test Method for Measurement of Average Viscometric Degree of Polymerization of New and Aged Electrical Papers and Boards (ASTM D 4243 – 99)	Street No. 2 Oil Lab
Petroleum Products	IP 440	Liquid petroleum products - Determination of contamination in middle distillates	Street No. 2 Oil Lab
Petroleum Products	ISO 2719	Determination of flash point — Pensky-Martens closed cup method	Street No. 2 Oil Lab
Petroleum Products	ISO 3675	Methods of test for petroleum and its products — BS 2000-160: Crude petroleum and liquid petroleum products — Laboratory determination of density — Hydrometer method (ISO 3675:1998)	Street No. 2 Oil Lab
Petroleum Products	ISO 4406-17	Hydraulic fluid power — Fluids — Method for coding the level of contamination by solid particles	Street No. 2 Oil Lab
Petroleum Products	ISO 12185	Methods of test for petroleum and its products. Part 365— Crude	Street No. 2 Oil Lab

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		petroleum and petroleum products — Determination of density — Oscillating U Tube method (ISO 12185:1996)	
Road Base	AASHTO T-304	Standard Method of Test for Uncompacted Void Content of Fine Aggregates	Street No. 13 Soil Lab
Rock	ASTM D4644	Standard Test Method for Slake Durability of Shales and weak rock	Street No. 13 Geotechnical Lab
Rock	ASTM D5731	Determination of Point load Index of rock	Street No. 13 Geotechnical Lab
Rock	ASTM D5873	Determination of Rock Hardness by Rebound Hammer	Street No. 13 Geotechnical Lab
Soil	AASHTO T-89	Standard Method of Test for Determining the Liquid Limit of Soils	Street No. 13 Soil Lab
Soil	AASHTO T-90	Standard Method of Test for Determining the Plastic Limit and Plasticity Index of Soils	Street No. 13 Soil Lab
Soil	AASHTO T-180	Moisture Density Relation of Soil using 4.5kg Rammer and 457mm Drop	Street No. 13 Soil Lab
Soil	AASHTO T 267-86	Determination of Organic content in soils by loss of ignition	Street No. 2 Wet Chemistry
Soil	AASHTO T 290-95	Water-soluble sulfate content in soil	Street No. 2 Wet Chemistry
Soil	AASHTO T 291-94	Water-soluble chloride ion content in soil	Street No. 2 Wet Chemistry
Soil	APHA/AWWA 4500 N _{org} and 4500 NH ₃ B	Standard Method s for the examination of water and Wastewater 23rd Edition:2017 Preliminary Digestion Step	Street No. 2 Wet Chemistry
Soil	APHA/AWWA 4500 N _{org} B	Standard Method s for the examination of water and Wastewater 23rd Edition:2017 Nitrogen (Organic) Macro-Kjeldahl Method	Street No. 2 Wet Chemistry
Soil	APHA/AWWA 4500-N _{org} B and NH ₃ C (TKN)	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Nitrogen (Organic) Macro-Kjeldahl Method (TKN)	Street No. 2 Wet Chemistry
Soil	APHA/AWWA 4500 NH ₃ B and NH ₃ C	Standard Methods for the Examination of Water and Wastewater 23rd Edition:2017 Nitrogen (Ammonia) Preliminary Digestion Step and Titrimetric Method	Street No. 2 Wet Chemistry

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Soil	ASTM C702/C702M	Standard Practice for Reducing Samples of Aggregate to Testing Size	Street No. 13 Soil Lab
Soil	ASTM C1580	Standard Test Method for Water Soluble Sulfate in Soil	Street No. 2 Wet Chemistry
Soil	ASTM D854	Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer	Street No. 13 Soil Lab
Soil	ASTM D1140	Standard Test Methods for Determining the Amount of Material Finer than 75- μ m (No. 200) Sieve in Soils by Washing	Street No. 13 Soil Lab
Soil	ASTM D1556	Standard Test Method for Density and Unit weight of soil in place by Sand Cone Method	Street No. 13 Soil Lab
Soil	ASTM D1557	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))	Street No. 13 Soil Lab
Soil	ASTM D1883	Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils	Street No. 13 Soil Lab
Soil	ASTM D2216	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	Street No. 13 Soil Lab
Soil	ASTM D2419	Standard Test Method for Sand Equivalent value of Soil and Fine Aggregates.	Street No. 13 Soil Lab
Soil	ASTM D4318	Standard Test Methods for Liquid Limit, Plastic limit, and Plasticity Index of Soils	Street No. 13 Soil Lab
Soil	ASTM D4373-14	Standard Test Method for Rapid Determination of Carbonate of Soils	Street No. 2 Soil Lab
Soil	ASTM D4429	Standard Test Method for CBR (California Bearing Ratio) of Soils in Place	Street No. 13 Soil Lab
Soil	ASTM D4718/D4718M	Standard Practice for Correction of Unit Weight and Water Content for Soils Containing Oversize Particles	Street No. 13 Soil Lab
Soil	ASTM D4944	Standard Test Method for Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester	Street No. 13 Soil Lab
Soil	ASTM D6913	Standard Test Methods for Particle-Size Distribution	Street No. 13 Soil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		(Gradation) of Soils Using Sieve Analysis	
Soil	ASTM D6938	Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods-Shallow Depth	Street No. 13 Soil Lab
Soil	ASTM G200	Standard Test Method for Measurement of Oxidation reduction potential (ORP) of Soil	Street No. 2 Wet Chemistry
Soil	BS 1377 Part 2:1990	Soils for civil engineering purposes: Classification Tests Cl. 3.2 Determination of Moisture Content. Oven Drying method	Street No. 13 Soil Lab
Soil	BS 1377 Part 2:1990	Soils for civil engineering purposes: Classification. Cl. 4.5 Casagrande apparatus method	Street No. 13 Soil Lab
Soil	BS -1377 Part 2:1990	Soils for civil engineering purposes: Classification Tests. Cl. 5 Determination of Plastic Limit and Plasticity index	Street No. 13 Soil Lab
Soil	BS -1377 Part 2:1990	Soils for civil engineering purposes: Classification Tests. Cl. 9.2 Sieve Analysis of soil by Wet sieving Method	Street No. 13 Soil Lab
Soil	BS 1377 Part 2:1990	Soils for civil engineering purposes: Classification Test Cl. 9.3 Dry sieving method	Street No. 13 Soil Lab
Soil	BS 1377 Part 2:1990	Soils for civil engineering purposes: Classification Test Cl. 9.5 Sedimentation by the hydrometer method	Street No. 13 Cement Lab
Soil	BS 1377 Part 3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 3 Determination of Organic Matter content	Street No. 2 Wet Chemistry
Soil	BS 1377 Part 3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 4 Determination of the mass loss of ignition	Street No. 2 Wet Chemistry
Soil	BS 1377 Part 3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 5 Sub Cl. 5.2 Acid soluble sulphate	Street No. 2 Wet Chemistry
Soil	BS 1377 Part 3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Clause 5 Determination of the sulphate	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
		content of soil and ground water Sub Clause 5.2 Preparation of soil and its acid extract	
Soil	BS 1377-3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 5.3 Preparation of soil and its water extract	Street No. 2 Wet Chemistry
Soil	BS 1377-3	Methods of test for soils for civil engineering purposes: acid soluble sulfate Clause 7.9	Street No. 2 Wet Chemistry
Soil	BS 1377 Part 3:1990	Soils for civil engineering purposes: Chemical and Electro-chemical tests. Cl. 9 Determination of the pH value	Street No. 2 Wet Chemistry
Soil	BS 1377 Part 4:1990	Soils for civil engineering purposes: Compaction related tests Cl. 3.5 Method using 4.5 kg rammer for soils with particles up to medium-gravel size	Street No. 13 Soil Lab
Soil	BS 1377 Part 4:1990	Soils for civil engineering purposes: Compaction related tests. Cl. 3.6 Compaction related Test Method Using 4.5kg rammer	Street No. 13 Soil Lab
Soil	BS 1377 Part 4:1990	Soils for civil engineering purposes: Compaction related tests. Cl. 7 Determination of California Bearing ratio.	Street No. 13 Soil Lab
Soil	BS 1377 Part 7:1990	Soils for civil engineering purposes: Shear Strength test (Total Stress). Cl. 4 Procedure 4.5.4 Determination of shear strength by direct shear (small shear box apparatus). Shearing: single stage tests	Street No. 13 Geotechnical Lab
Soil	BS 1377-9:1990	Soils for civil engineering purposes: In Situ Tests - Cl. 2.1 Sand replacement method suitable for fine- and medium-grained soils (small pouring cylinder method)	Street No. 13 Soil Lab
Soil	BS 1377-9:1990	Soils for civil engineering purposes: In Situ Tests Cl. 2.5 Nuclear methods suitable for fine-medium- and coarse- grained soils	Street No. 13 Soil Lab
Soil	BS EN 933-8:2012	Tests for geometrical properties of aggregates-Assessment of fines-Sand equivalent test	Street No. 13 Soil Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Soil	BS EN 1744-1:2009+A1:2012	Test for Chemical Properties of Aggregates Part 1: Chemical Analysis. Cl. 7 Determination of Water-Soluble Chloride salts using the Volhard method (Reference Method)	Street No. 2 Wet Chemistry
Soil	BS EN 1744-1:2009+A1:2012	Test for Chemical Properties of Aggregates Part 1: Chemical Analysis. Cl. 10 Determination of Water-Soluble Sulfates	Street No. 2 Wet Chemistry
Soil	CML 10-97	Standard Method of Test for Determination of California Bearing Ratio	Street No. 13 Soil Lab
Soil	CML 12-97	Dry Density/ Moisture Content Relationship (4.5 kg rammer method)	Street No. 13 Soil Lab
Soil	REF: QCS 2014 (Internal SOP)	Conductivity in Agricultural Soil (Saturation Extract)	Street No. 2 Wet Chemistry
Soil	REF: QCS 2014 (Internal SOP)	Electrical Conductivity in Compost (1:5 Soil-Water Extract)	Street No. 2 Wet Chemistry
Soil	REF: QCS 2014 / BS EN 1377 Part 3 (Internal SOP)	Chlorides in Agricultural Soil (Saturation Extract)	Street No. 2 Wet Chemistry
Soil	REF: QCS 2014 / BS EN 1377 Part 3 (Internal SOP)	Chloride in Compost (1:5 Soil-Water Extract)	Street No. 2 Wet Chemistry
Soil	REF: QCS 2014 / BS EN 1377 Part 3 (Internal SOP)	pH in Compost (1:5 Soil- Water Extract)	Street No. 2 Wet Chemistry
Soil	REF: QCS 2014 / BS EN 1377 Part 3 (Internal SOP)	Sulphates in Agricultural Soil (Saturation Extract)	Street No. 2 Wet Chemistry
Soil	Soil chemical methods- Australasia 2A1.2B1	Soil Chemical Methods- Australasia 2A1.2B1	Street No.2 Wet Chemistry
Soil	Soil Chemical Methods- Australasia	Electrical Conductivity in Agricultural Soil (Saturation Extract) 14B1	Street No. 2 Wet Chemistry
Soil	Soil Chemical Methods- Australasia	pH in Agricultural Soil (Saturation Extract) 14C1	Street No. 2 Wet Chemistry
Soil	Soil Chemical Methods- Australasia	Chlorides in Agricultural Soil (Saturation Extract) 14E1	Street No. 2 Wet Chemistry
Soil	Soil Chemical Methods- Australasia	Sulphates in Agricultural Soil (Saturation Extract) 14F3	Street No. 2 Wet Chemistry

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Soil	US EPA Method 5035	US EPA – Methods for Chemical Analysis of Water and Wastes Closed-System Purge-and-Trap and Extraction for Volatile Organics In Soil and Waste Samples/ 8260 C Volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)	Street No. 2 Environmental-GC Lab
Soil	US EPA Method 9030B	US EPA - Methods for Chemical Analysis of Water and Wastes Method 9030B Acid-Soluble and Acid-Insoluble Sulfides: Distillation	Street No. 2 Wet Chemistry
Soil	US EPA Method 9034	US EPA - Methods for Chemical Analysis of Water and Wastes Method 9034 Titrimetric Procedure for Acid- Soluble and Acid Insoluble Sulfides	Street No. 2 Wet Chemistry
Soil	US EPA Method 9045D	US EPA - Methods for Chemical Analysis of Water and Wastes Method 9045D Soil and Waste pH	Street No. 2 Wet Chemistry
Soil	US EPA Method 9080	Cation-Exchange Capacity of Soil (Ammonium Acetate)	Street No. 2 Wet Chemistry
Steel	ASTM E415-15	Standard Test Method for Analysis of Carbon and Low - Alloy Steel by spark Atomic Emission Spectrometry	Street No. 2 Steel Lab
Steel	BS 4449 2005+A2:09/BS EN ISO 6892-1:09/BS EN 15630-1-10	Tensile, Yield & Elongation of Reinforcement steel Bar/Rebend @20°	Street No. 13 Steel Lab
Steel	BS 4449 2005+A2:09/BS EN ISO 6892-1:09/BS EN 15630-1-10	Tensile, Yield & Elongation of Reinforcement steel Bar/Bend @90°	Street No. 13 Steel Lab
Steel	BS EN 10002-1:2001	Tensile testing of metallic materials. Method of test at ambient temperature	Street No. 13 Steel Lab
Swimming Pool Water	HACH Method 8016 (Low and High Range)	Bromine	Street 2 Environmental
Swimming Pool Water	HACH Method 8139	Cyanuric Acid	Street 2 Environmental
Tack Coat/Prime Coat	ASTM D2995	Standard Practice for Estimating Application Rate and Residual Application Rate of Bituminous Distributors	Street No. 13 Asphalt Lab

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Transformer Oil	ASTM D4059	Standard Test Method for Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography (ASTM D4059-00 2010)	Street No. 2 Environmental-GC Lab
Transformer Oil	ASTM D5185-18	Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)1	Street No. 2 Oil Lab
Transformer Oil	IEC 60666:2010	Detection and determination of specified additives in mineral insulating oils (Passivator contents and Inhibitor content)	Street No. 2 Oil Lab
Transformer Oil	IEC 61125-2018	Test methods for oxidation stability - Test method for evaluating the oxidation stability of insulating liquids in the delivered state	Street No. 2 Oil Lab
Transformer Oil	IEC 61619-1997	Insulating liquids - Contamination by polychlorinated biphenyls (PCBs) - Method of determination by capillary column gas chromatography	Street No. 2 Oil Lab
Transformer Oil	IEC 62697-1: 2012	Test method for quantitative determination of dibenzylsulfide (DBDS)	Street No. 2 Oil Lab
Transformer Oil	US EPA Method 8082A	US EPA - Methods for Chemical Analysis of Water and Wastes Polychlorinated Biphenyls (PCBs) by Gas Chromatography	Street No. 2 Environmental-GC Lab

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Site Lab 4 – QD SBG

St. No. 13, Gate 112, Salwa Industrial Area, P.O. Box 4024, Doha, Qatar

Site Contact: Thomas Varghese

Effective Date of Scope: April 19, 2019

Accreditation Standard: ISO/IEC 17025: 2017

Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Aggregate	ASTM C117-13	Material finer than 0.075mm (No.200) Sieve in Mineral Aggregates. Procedure A	Site Lab 4 - QD SBG
Aggregate	ASTM C127-15	Standard Test Method for Density, Relative density, (Specific Gravity) and Absorption of Coarse Aggregates.	Site Lab 4 - QD SBG
Aggregate	ASTM C128-15	Density, Relative Density, and Absorption of Fine Aggregate	Site Lab 4 - QD SBG
Aggregate	ASTM C136-14	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.	Site Lab 4 - QD SBG
Aggregate	ASTM C142/ C142M-17	Standard Test Method for Clay Lumps and Friable Particles in Aggregates	Site Lab 4 - QD SBG
Aggregate	ASTM D75/ D75M	Standard Practice for Sampling Aggregates	Site Lab 4 - QD SBG
Aggregate	ASTM D702/ D702M	Standard Practice for Reducing Samples of Aggregate to Testing Size	Site Lab 4 - QD SBG
Aggregate	ASTM D2419-14	Standard Test Method for Sand Equivalent value of Soil and Fine Aggregates	Site Lab 4 - QD SBG
Aggregate	ASTM D4318-17	Liquid Limit, Plastic limit, and Plasticity Index of Soils	Site Lab 4 - QD SBG
Aggregate	ASTM D4791-10	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	Site Lab 4 - QD SBG
Aggregate	ASTM D5821-13	Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate	Site Lab 4 - QD SBG
Aggregate	BS 812 Part 102	Testing aggregates Part 102. Methods for sampling	Site Lab 4 - QD SBG
Aggregate	BS 812-103.1	Testing Aggregates Methods for the determination of Particles Size Distribution	Site Lab 4 - QD SBG
Aggregate	BS 812 - Part 109	Methods for determination of moisture content	Site Lab 4 - QD SBG

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Aggregate	BS 812 - Part 112	Testing aggregates Part 112. Methods for determination of aggregate impact value (AIV)	Site Lab 4 - QD SBG
Aggregate	BS EN 933 - Part 1	Test for Geometrical Properties of Aggregates, Determination of Particle size distribution	Site Lab 4 - QD SBG
Aggregate	BS EN 933 - Part 3	Test for Geometrical Properties of Aggregates, Determination of Flakiness Index of Aggregates	Site Lab 4 - QD SBG
Aggregate	BS EN 933-7	Tests for geometrical properties of aggregates - Determination of shell content - Percentage of shells in coarse aggregates	Site Lab 4 - QD SBG
Aggregate	BS EN 933-8	Tests for geometrical properties of aggregates Part 8: Assessment of fines — Sand equivalent test BS EN 933-8	Site Lab 4 - QD SBG
Asphalt	AASHTO R-47	Reducing Samples of Hot Mix Asphalt (HMA) to Testing Size	Site Lab 4 - QD SBG
Asphalt	ASTM C117-13	Standard Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	Site Lab 4 - QD SBG
Asphalt	ASTM C136	Sieve Analysis of Fine and Coarse Aggregates	Site Lab 4 - QD SBG
Asphalt	ASTM D979/ D979M-15 (with ASTM D3665-12)	Standard Practice for Sampling Bituminous Paving Mixtures	Site Lab 4 - QD SBG
Asphalt	ASTM D1188-07	Bulk Specific Gravity and density of Compacted Bituminous Mixtures using Coated samples.	Site Lab 4 - QD SBG
Asphalt	ASTM D2041/ D2041M-11	Standards Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixture Procedure 9.5.1 (Weighing in water)	Site Lab 4 - QD SBG
Asphalt	ASTM D2172/ D2172M-11	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures Clause - 11.6.1 Ashing Method	Site Lab 4 - QD SBG
Asphalt	ASTM D2726/ D2726M-14	Standard Test Method for Bulk Specific Gravity and Density of Non Absorptive Compacted Bituminous Mixtures	Site Lab 4 - QD SBG
Asphalt	ASTM D2995-11	Standard Practice for Estimating Application Rate of Bituminous Distributors	Site Lab 4 - QD SBG

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Asphalt	ASTM D3203/ D3203M	Standard Test Method for Percent Air Voids in Compacted Asphalt Mixtures	Site Lab 4 - QD SBG
Asphalt	ASTM D3549/ D3549M-11	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	Site Lab 4 - QD SBG
Asphalt	ASTM D5361/ D5361M-14	Standard Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing	Site Lab 4 - QD SBG
Asphalt	ASTM D5444	Mechanical Size Analysis of Extracted Aggregate	Site Lab 4 - QD SBG
Asphalt	ASTM D6926	Preparation of Bituminous Specimens using Marshall apparatus	Site Lab 4 - QD SBG
Asphalt	ASTM D6927	Standard Test Method for Marshall Stability and Flow of Bituminous Mixtures	Site Lab 4 - QD SBG
Asphalt	BS EN 12697- 13	Bituminous mixtures-Test Methods for Hot Mix Asphalt-Temperature measurement	Site Lab 4 - QD SBG
Concrete	ASTM C1064/ C1064M-12	Temperature of Freshly Mixed Hydraulic Cement Concrete	Site Lab 4 - QD SBG
Concrete	BS EN 12350-1	Testing fresh concrete- Sampling	Site Lab 4 - QD SBG
Concrete	BS EN 12350-2	Testing fresh concrete- Slump Test	Site Lab 4 - QD SBG
Concrete	BS EN 12390-1	Testing of hardened Concrete Shape, Dimension and other requirement for Specimens and molds	Site Lab 4 - QD SBG
Concrete	BS EN 12390-2	Testing hardened concrete-Making and curing specimens for strength tests	Site Lab 4 - QD SBG
Concrete	BS EN 12390-3	Testing of hardened Concrete Compressive Strength test of Concrete Specimen	Site Lab 4 - QD SBG
Concrete	BS EN 12390-7	Testing of hardened Concrete Density test of Concrete Specimen	Site Lab 4 - QD SBG
Concrete	BS EN 12504-1	Testing concrete in structures-Cored specimens- Taking, examining and testing in compression	Site Lab 4 - QD SBG
Soils	AASHTO T84	Specific Gravity and Absorption of Fine Aggregate	Site Lab 4 - QD SBG

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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Soils	AASHTO T304	Standard Test Method for Uncompacted Void Content of Fine Aggregate	Site Lab 4 - QD SBG
Soils	ASTM C127-15	Standard Test Method for Density, Relative density, (Specific Gravity) and Absorption of Coarse Aggregates	Site Lab 4 - QD SBG
Soils	ASTM D75/ D75M	Standard Practice for Sampling Aggregates	Site Lab 4 - QD SBG
Soils	ASTM D854-14	Standard Test Method for Specific Gravity of Soil Solids by Water Pycnometer	Site Lab 4 - QD SBG
Soils	ASTM D1557-12	Laboratory Compaction Characteristics of Soil Using Modified Effort	Site Lab 4 - QD SBG
Soils	ASTM D1883-14	Standard Test Method for California Bearing Ratio (CBR) of Laboratory- Compacted Soils	Site Lab 4 - QD SBG
Soils	ASTM D2216-10	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	Site Lab 4 - QD SBG
Soils	ASTM D2419-14	Standard Test Method for Sand Equivalent value of Soil and Fine Aggregates	Site Lab 4 - QD SBG
Soils	ASTM D3665	Standard Practice for Random Sampling of Construction Materials	Site Lab 4 - QD SBG
Soils	ASTM D4318	Liquid Limit, Plastic limit, and Plasticity Index of Soils	Site Lab 4 - QD SBG
Soils	ASTM D4718	Correction of Unit Weight and Water Content for Soils Containing Oversize Particles	Site Lab 4 - QD SBG
Soils	ASTM D4791-10	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	Site Lab 4 - QD SBG
Soils	ASTM D5821	Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate	Site Lab 4 - QD SBG
Soils	ASTM D6938-17	In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	Site Lab 4 - QD SBG

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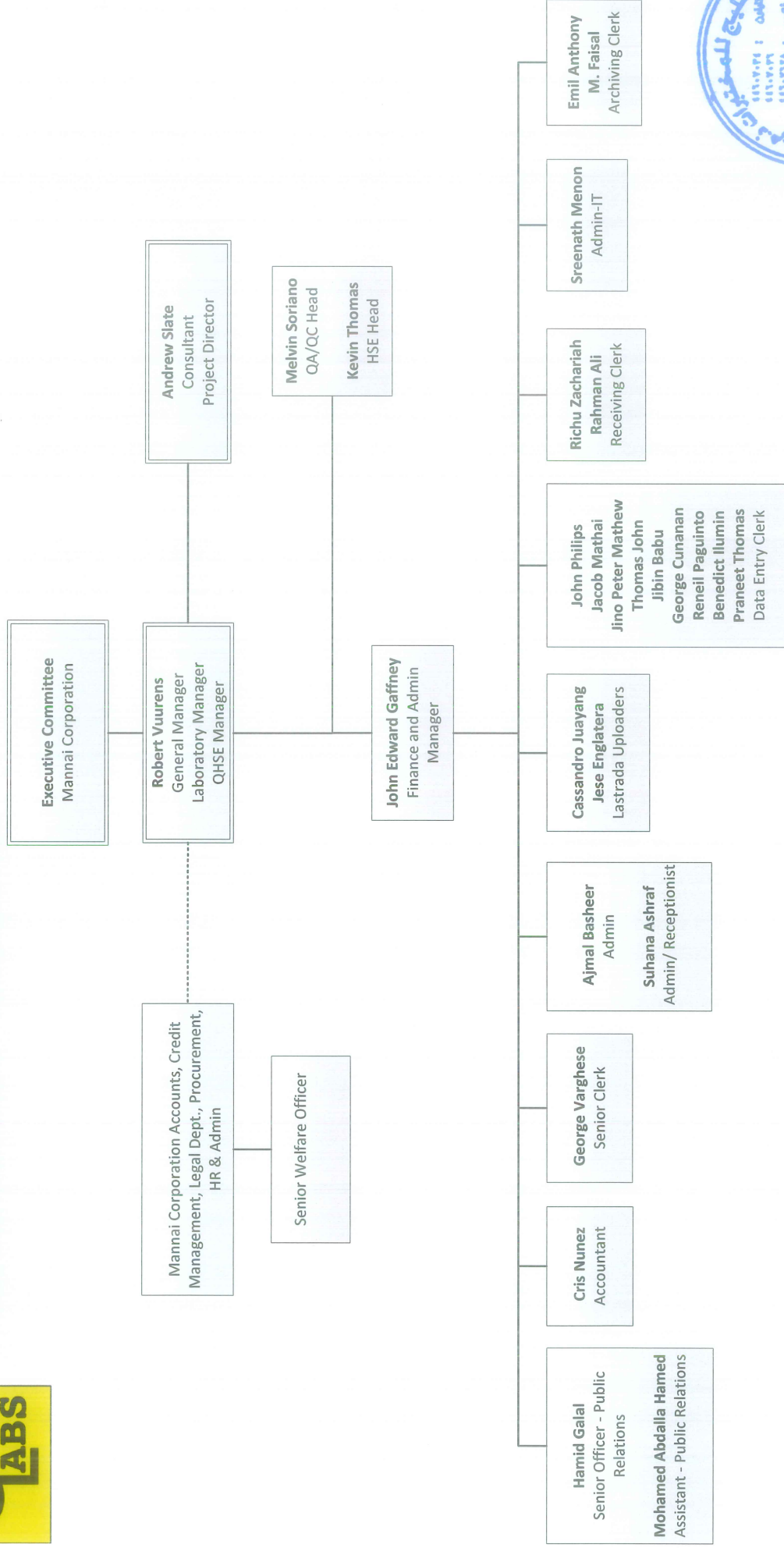
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Category	Standard No. / Method/ Issue Date	Title of Standard / Method Used and its relevant section	Location / Facility
Soils	BS 812-Part 103.1: Test 7.2	Methods for the determination of Particle Size Distribution - Sieve test	Site Lab 4 - QD SBG
Soils	BS 1377 Part -2	Soils for civil engineering purposes: Classification Tests - Determination of Moisture Content - Test 3.2 Oven Drying method	Site Lab 4 - QD SBG
Soils	BS 1377 Part 2	Soils for civil engineering purposes: Classification Tests. Test 4.5 – Determination of Liquid Limit	Site Lab 4 - QD SBG
Soils	BS 1377 Part 2	Soils for civil engineering purposes: Classification Tests. Test 5– Determination of Plastic Limit and Plasticity index	Site Lab 4 - QD SBG
Soils	BS 1377 Part 2	Soils for civil engineering purposes: Classification Tests. Test 9.2 Sieve Analysis of soil by Wet sieving Method	Site Lab 4 - QD SBG
Soils	BS 1377 Part 4	Soils for civil engineering purposes: Compaction related tests. Test 3.6 –Compaction related Test Method Using 4.5kg rammer	Site Lab 4 - QD SBG
Soils	BS 1377 Part 4	Soils for civil engineering purposes: Compaction related tests. Test 7.0 – California Bearing Ratio	Site Lab 4 - QD SBG
Soils	BS 1377-9	Soils for civil engineering purposes: In Situ Tests Test 2.5- Nuclear methods suitable for fine, medium- and coarse-grained soils	Site Lab 4 - QD SBG

FIGURE 2. Company Organizational Chart



GULF LABORATORIES CO., W.L.L. **ORGANIZATION CHART – ADMIN SECTION**



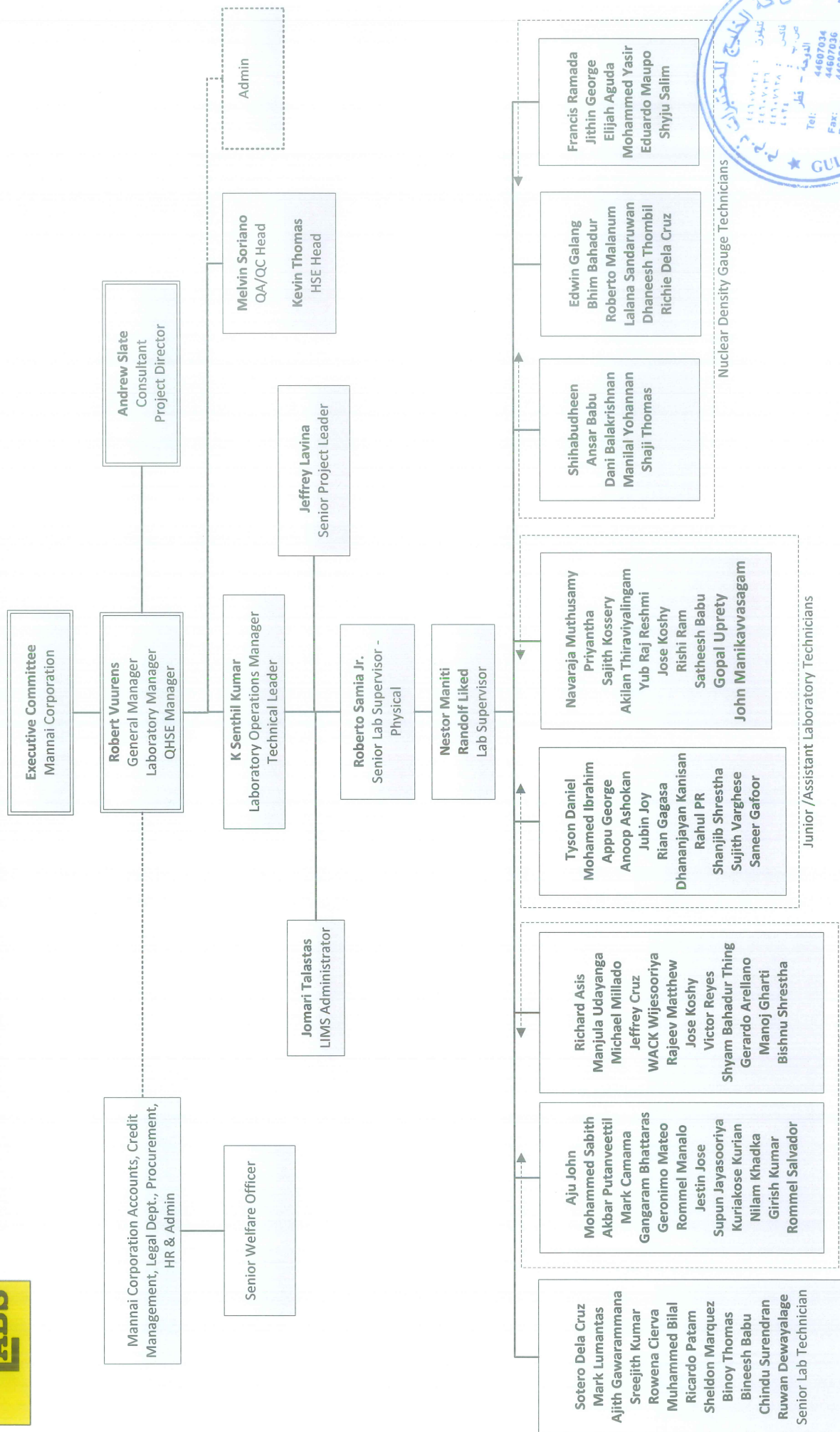
Robert Vuurens

Approved by: Robert Vuurens
General Manager



GULF LABORATORIES CO., W.L.L.

ORGANIZATION CHART – PHYSICAL LAB SECTION (STREET 13)



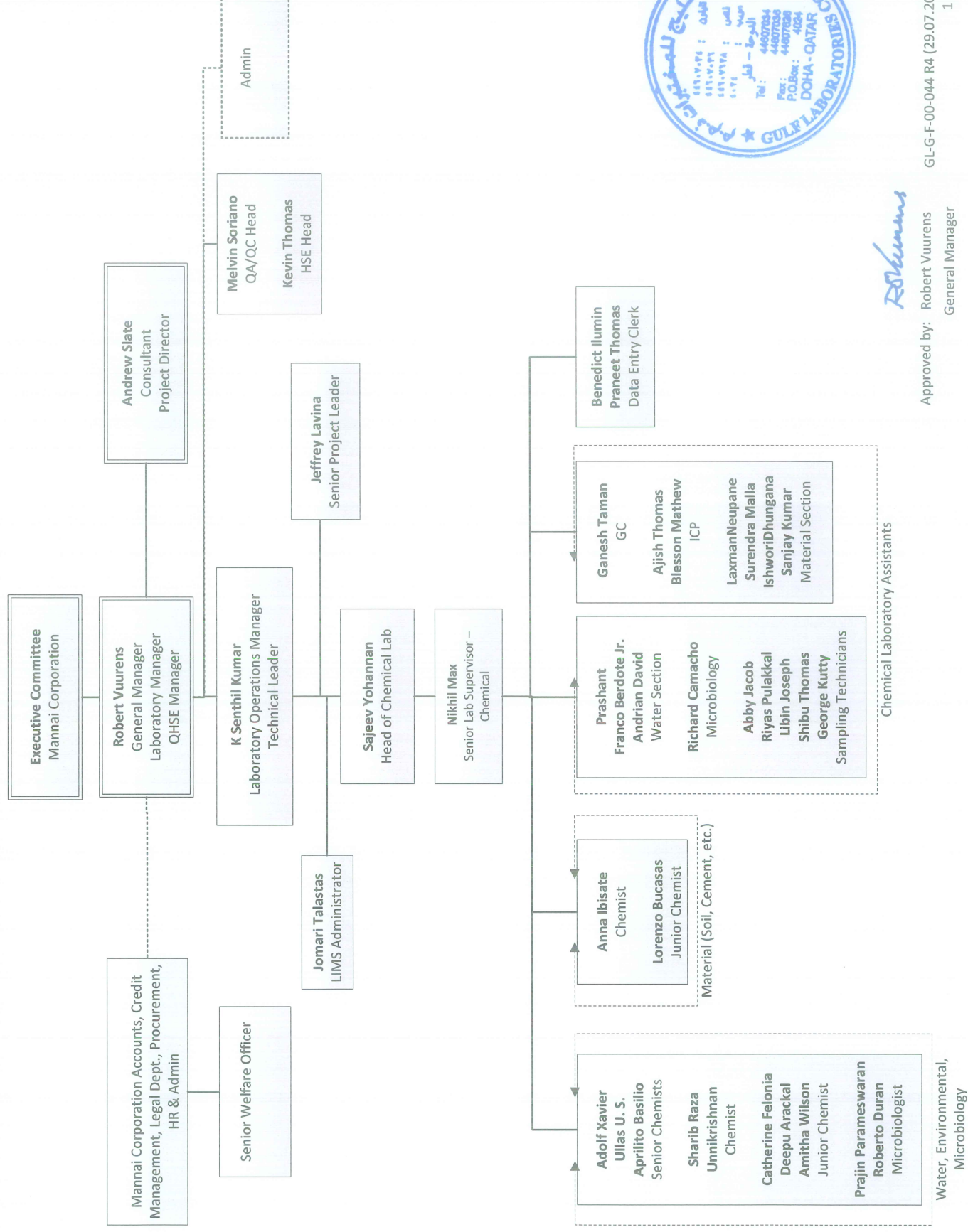
Robert Vuurens

Approved by: Robert Vuurens
General Manager



GULF LABORATORIES CO., W.L.L.

ORGANIZATION CHART – CHEMICAL LAB SECTION (STREET 02)



Robert Vuurens



ORGANIZATION CHART – OIL LAB SECTION (STREET 02)

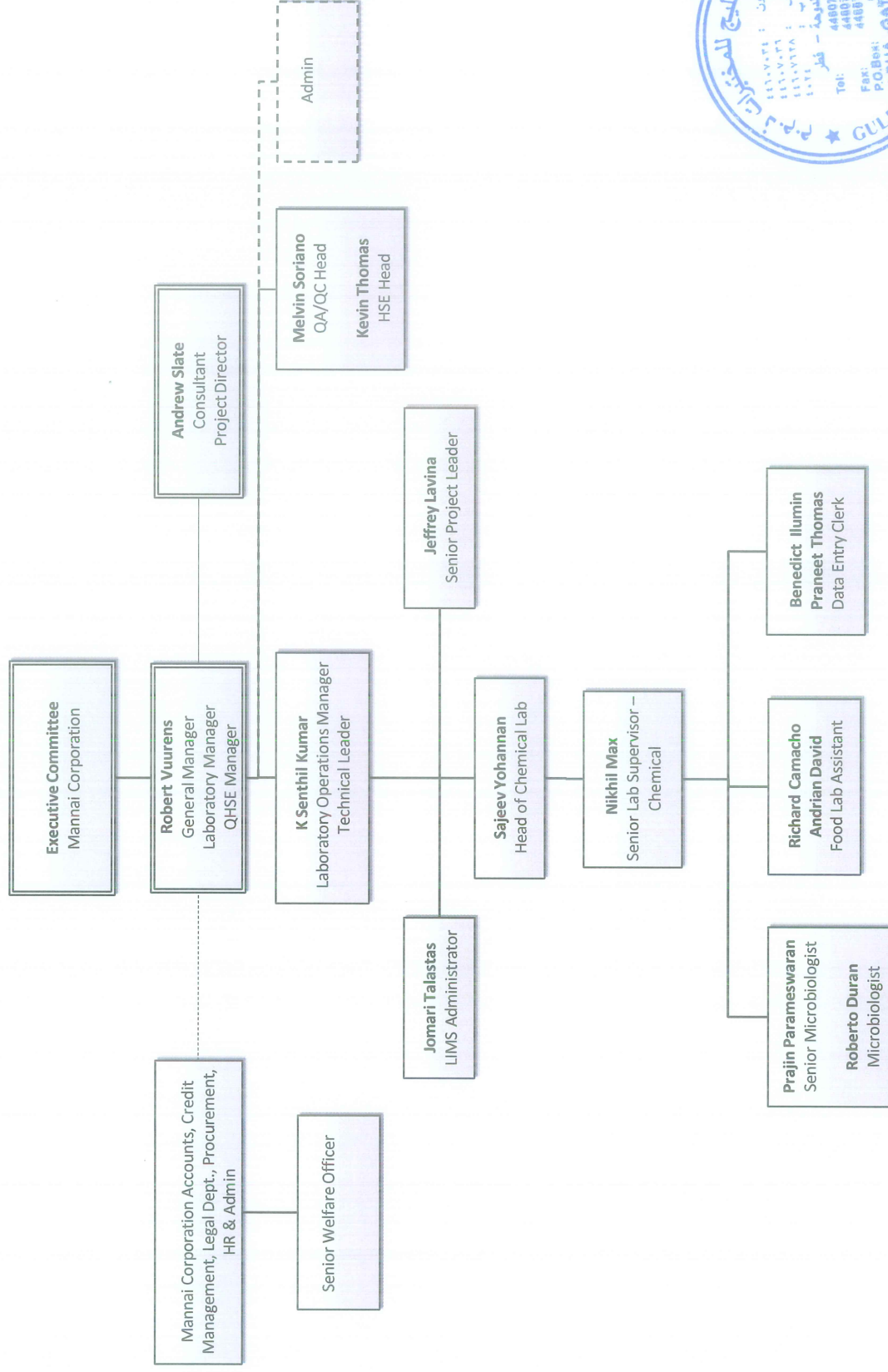


Robert Vuurens
General Manager



GULF LABORATORIES CO., W.L.L.

ORGANIZATION CHART – FOOD LABORATORY (STREET 02)



Robert Vuurens

Robert Vuurens
General Manager

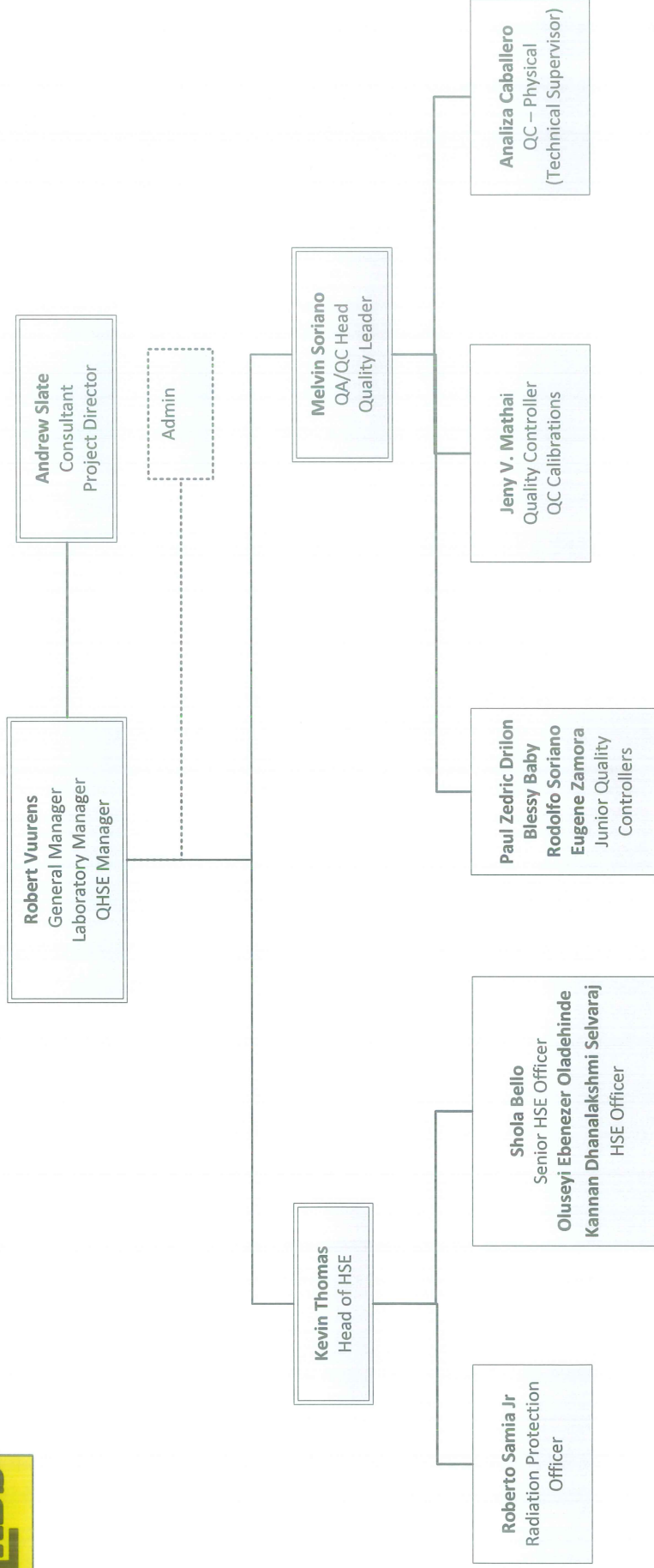
Approved by:





GULF LABORATORIES CO., W.L.L.

ORGANIZATION CHART - QHSE SECTION



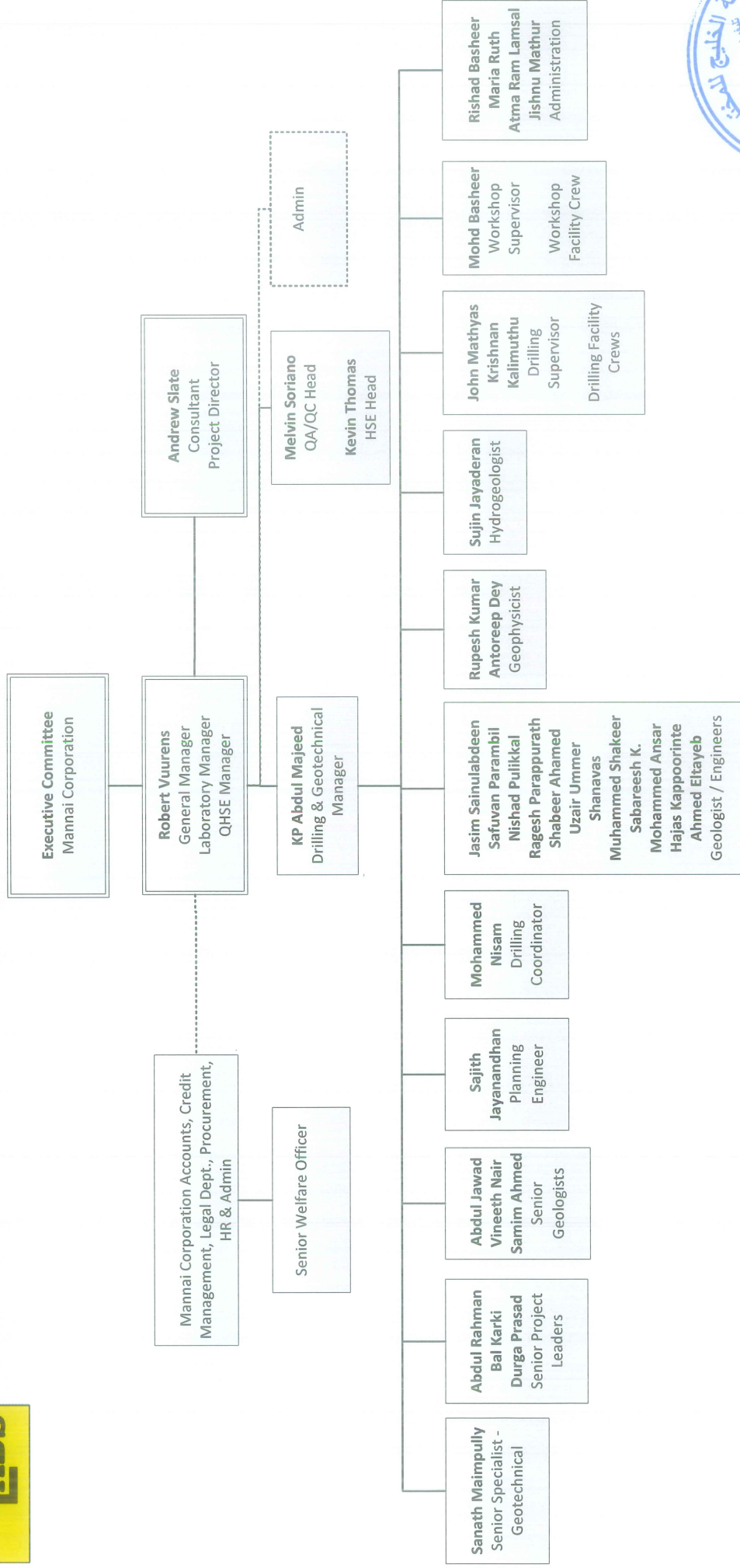
Robert Vuurens

Approved by: Robert Vuurens
General Manager



GULF LABORATORIES CO., W.L.L.

ORGANIZATION CHART – GEOTECHNICAL DEPARTMENT (STREET 24)



Robert Vuurens

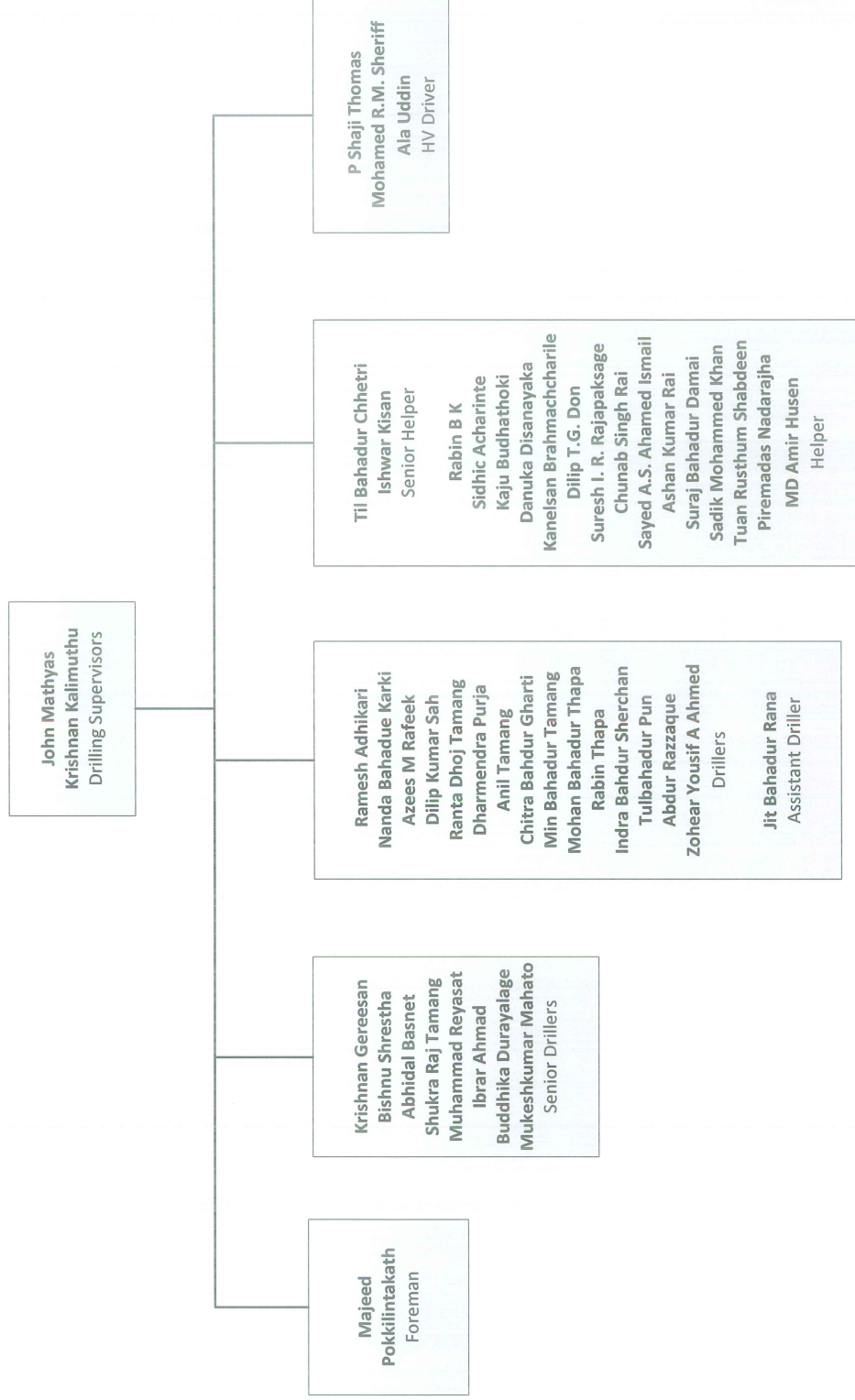
Approved by:

Robert Vuurens
General Manager



GULF LABORATORIES CO., W.L.L.

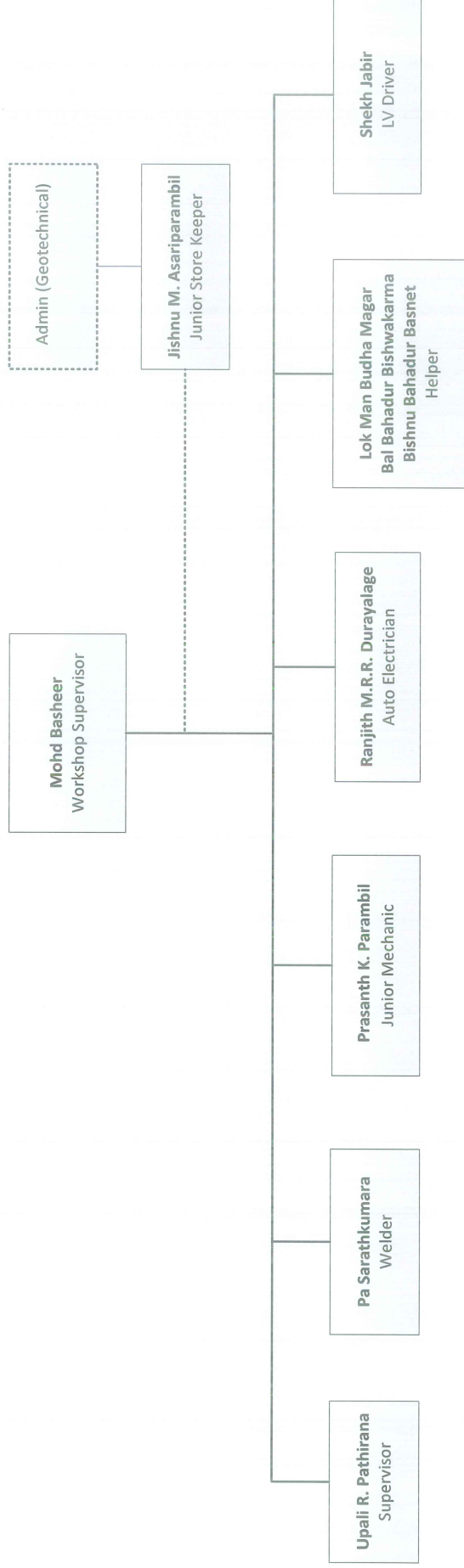
ORGANIZATION CHART – GEOTECHNICAL DEPARTMENT (DRILLING FACILITY CREW)



Robert Vuurens



GULF LABORATORIES CO., W.L.L.
ORGANIZATION CHART – GEOTECHNICAL DEPARTMENT (WORKSHOP FACILITY CREW-STREET 46)



Robert Vuurens

Approved by: Robert Vuurens
General Manager

FIGURE 3. Commercial / Municipality / Computer Card Registration



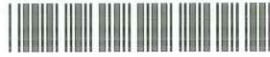
Registration and Commercial
Licenses Department

وزارة الاقتصاد والتجارة
Ministry of Economy and Commerce



إدارة التسجيل
والتراخيص التجارية

Commercial Registration Data



Issue Date: 05/04/2021

Commercial Reg. No.:	14419	Tax Reg. No.:	5000445791
Trade Name:	GULF LABORATORIES COMPANY	Trade Type:	GULF LABORATORIES COMPANY
Creation Date:	03/05/1992	Expiry Date:	02/05/2022
Legal Form:	W.L.L	Capital:	500000
Commercial Reg. Status:	Active	Firm Nationality:	QATAR
No. of Branches:	3		

Contact Information

Mail Box:	Contacts Numbers:	+974
Email:		

Partners

Name	Document No	CR No	Nationality	Percentage	Status
MANNAI CORPORATION		12	QATAR	97.5%	Active
MANNAI TRADING COMPANY		8191	QATAR	2.5%	Active

Managers (Authorized Signatories)

Name	Document No	CR No	Nationality	Designation (Authority)
ALHADI MOHAMED ALY	26773600685		SUDAN	Manager - Full and Absolute Authority
MOHAMMED ALI M AL-KUBAISI	25763400009		QATAR	Manager - Full and Absolute Authority
KHALID AHMAD A AL-MANNAI	26263400069		QATAR	Manager - Full and Absolute Authority
JUAN LEON FUERTES	27872400161		SPAIN	Manager - Full and Absolute





Commercial Registration Data

				Authority
EWAN DOUGLAS CAMERON	27082600780		U K	Manager - Full and Absolute Authority
JERRY JOHN	26835605363		INDIA	Manager - Full and Absolute Authority
Sheikh SUHAIM ABDULLA K H AL-THANI	28663402653		QATAR	Manager - Full and Absolute Authority
AJIT VISWAMBHARAN NAIR	26635617267		INDIA	Manager - Full and Absolute Authority
ANIL KUMAR RAM	27435604953		INDIA	Manager - Full and Absolute Authority
SANTHOSH KRISHNAMOORTHY	28235626886		INDIA	Manager - Full and Absolute Authority
IVOR D CUNHA	26135600697		INDIA	Manager - Full and Absolute Authority
EMAD ZAID	27940001606		JORDAN	Manager - Full and Absolute Authority
MICHAEL ALAN DEETER	26728000215		GERMANY	Manager - Full and Absolute Authority

Business Activities

Activity Name	Activity Code
Measuring the percentage of the purity and politeness of the air	7120015
works of examine and experiment of building materials	7120005
Soil and asphalt material testing	7120014
Trading in oils and lubricants	4730201
Trading in importing chemical materials pertaining to laboratories	4669026
Consultancy and geological and physical research offices	7110700
Pouring bases and foundations	4312200
Foundation and concrete works contracts	452130
Soil testing services	2001391

Activity Name	Activity Code
Foods laboratories	7120019
Laboratories of environment and radiation measurement	7120017
Laboratory and chemical analysis	7120102
Soil testing laboratories	7120013
Trading in importing chemical materials pertaining to laboratories	4669126
Testing and measuring environmental indicators	7120400
Preparing and processing sites by drilling and flattening	4312100
Drilling and flattening contracts	452120
Importing radioactive materials	4669063
Laboratories of oil and gas	112100





وزارة الاقتصاد والتجارة
Ministry of Economy and Commerce



Commercial Registration Data

Branches

Sequence No	Branch Name	Branch CR	Branch Status
1	Gulf Laboratories Company Workshop	14419/1	Active
2	Gulf Laboratories Company Workshop	14419/2	Active
3	GULF LABORATORIES COMPANY	14419/3	Active



Registration and Commercial
License Department

Issuance date: 15/09/2019

Page No.: 1 of 1

Ministry of Economy and Commerce
Registration and Commercial Licenses Department

Commercial license

License No. 10326 Issuance date: 13/11/2013
Commercial name: Gulf Laboratories Co. Expiration date: 06/11/2020
Commercial facility type: Company C.R No.: 14419

Trade Mark:

Data of Concerned Manager:

Director's name: Khaled Ahmed Abdullah Essa Al-Mannai

ID No. 26263400069

Nationality: Qatari

Form of the facility's seal:

Location data:

Location Commercial Building No.: 4
category:
Location Laboratory Floor/Unit No.:
type:
District: 57 Industrial Area Name of the owner of the building: The State
Street: 13 License type:
Street No.: 13 Address: 57 Industrial Area, St.13

Commercial activities:

No	Activity Name
7120019	Food Laboratories
7120017	Environmental and Radiation Measurements Laboratories
7120102	Laboratories and chemical analysis
7120013	Soil testing laboratories
7110700	Offices for Consulting and geological and physical research
4312200	works of pour base and foundations
452130	Contracting of foundations and concrete works
2001391	Soil testing services

No	Activity Name
7120015	Measurement of the proportions of the purity and pollution of the air
7120005	works of inspecting and testing of construction materials
7120014	Works of Soil and asphalt material test
7120400	work of the test and measurement of environmental indicators
4312100	Excavation and earthwork for preparing and processing of the sites of
452120	Drilling and burial contracting
4669063	Importing radioactive materials
112100	Oil and Gas Plants and Laboratories

State of Qatar
Registration and Commercial Licenses
Department
CR / commercial license
Ministry of Economy and Commerce

Signed by
Director of Registration and Commercial
License Department

2019/09/15

No 1 of 1

تاريخ الطباعة:

صفحة رقم:



وزارة التجارة والصناعة

Ministry of Commerce and Industry

Registration and Commercial
Licenses Departmentإدارة التسجيل
والتراخيص التجارية

رخصة تجارية



رقم الرخصة: 10326
الأسم التجاري: شركة الخليج للمختبرات
نوع المنشأة التجارية: شركة
السمة التجارية: شركة

تاريخ اصدار الرخصة: 2013/11/13
تاريخ انتهاء الرخصة: 2020/11/06
رقم السجل التجاري: 14419

بيانات المدير المسؤول :

اسم المدير المسؤول: خالد احمد عبدالله عيسى المناعي
رقم الإثبات: 26263400069

بيانات الموقع :

جنسية المدير المسؤول: قطر
نموذج ختم المنشأة التجارية :

تصنيف الموقع: تجاري
نوع الموقع: مختبر
المنطقة: 57 المنطقة الصناعية
الشارع: 13
رقم الشارع: 13

عقار رقم: 4
رقم الدور/ الوحدة: 4
اسم مالك العقار: الدولة
نوع الرخصة: 57- المنطقة الصناعية -
وصف العنوان: ش 13

الأنشطة التجارية :

رقم النشاط	إسم النشاط	رقم النشاط	إسم النشاط
7120019	مختبرات أغذية	7120015	قياس نسب نقاوة و تلوث الهواء
7120017	مختبرات البيئة و القياسات الاشعاعية	7120005	اعمال فحص واختبار مواد البناء
7120102	المختبرات و التحليل الكيميائي	7120014	فحص تربة و مواد اسفلتية
7120013	مختبرات فحص التربة	7120400	اختبار و قياس المؤشرات البيئية
7110700	مكاتب الاستشارات و الاباحث الجيولوجية و الفيزيائية	4312100	اعداد و تجهيز المواقع من الحفر و التسوية
4312200	صب القواعد و الاساسات	452120	مقاولات الحفر والدقان
452130	مقاولات اعمال الاساسات والخرسانه	4669063	استيراد المواد المشعه
2001391	خدمات فحص التربة	112100	معامل و مختبرات النفط والغاز



accessCENTRE
Translation Services مركز أكسس لخدمات الترجمة



بطاقة قيد المنشأة Establishment Card

رقم قيد المنشأة 10-1362-00 Est. ID

اسم المنشأة : شركة الخليج للمختبرات

Est. Name : GULF LABORATORIES COMPANY

القطاع : تجاري Sector : COMMERCIAL

تاريخ اول اصدار : 2006-01-16 First Issue :

تاريخ الصلاحية : 2021-11-06 Expiry Date :

مدير عام الادارة العامة للجوازات

(Signature)



* 1 0 1 3 6 2 0 0 *

2020/11/03 08\048

Authorizers

المفوضين

رقم الوثيقة	الاسم	التوقيع
26835605363	جيرى جون JERRY JOHN	<i>(Signature)</i>
26263400069	خالد احمد عبدالله عيسى المناعي KHALID AHMAD AL-MANNAI	<i>(Signature)</i>
26635617267	اجيت فيسوران ناير AJIT VISWAMBHARAN NAIR	<i>(Signature)</i>
26773600685	الهادي محمد بخيت علي ELHADI MOHAMED ALI	<i>(Signature)</i>
27940001606	عماد عدنان ابراهيم زيد EMAD ZAID	<i>(Signature)</i>

نعليمات Instruction عدد البطاقات 1 / 2 Cards

• على من يجد هذه البطاقة ان يقوم بتسليمها الى اي مركز للشرطة
• Whoever finds this card should deliver it to any police station.



بطاقة قيد المنشأة Establishment Card

Est. ID 10-1362-00 رقم قيد المنشأة

اسم المنشأة : شركة الخليج للمختبرات

Est. Name : GULF LABORATORIES COMPANY

Sector : COMMERCIAL

القطاع : تجاري

First Issue : 2006-01-16 تاريخ اول اصدار :

Expiry Date : 2021-11-06 تاريخ الصلاحية :

مدير عام الادارة العامة للجوازات



* 1 0 1 3 6 2 0 0 *

2020/11/03 08\048

Authorizers

المفوضين

رقم الوثيقة	الاسم	التوقيع
27082600780	ايوان دوغلاس كاميرون EWAN DOUGLAS CAMERON	
28663402653	الشيخ سحيم عبدالله خليفه حمد ال ثاني SUHAIM AL-THANI	

Cards 2 / 2 عدد البطاقات Instruction تعليمات

• على من يجد هذه البطاقة ان يقوم بتسليمها الى اي مركز للشرطة

• Whoever finds this card should deliver it to any police station.

REGISTRATION CERTIFICATE

شهادة تسجيل مختبر خاص

وفقاً لللائحة الصادرة بقرار وزير البلدية والبيئة رقم (٣٥٦) لسنة ٢٠١٧م
According to the Ministerial Decree No. (356)/2017

No: **RL010 -19**

Date of Issue: 09/08/2021 تاريخ اصدار الشهادة:
Date of Expiry : 08/08/2022 الصلاحية حتى:
Lab Name: شركة الخليج للمختبرات اسم المختبر:
Gulf Laboratories Co W.L.L.
Address: منطقة سلوى الصناعية، شارع ١٣، مبنى 112 العنوان:
ص.ب.: ٤٠٢٤، الدوحة-قطر
Salwa Industrial Area, Street 13,
Building 112, P.O.BOX: 4024,
Doha-Qatar
CR No: 14419 رقم السجل التجاري :
Activity: Testing (Material, Geotechnical) النشاط:
Scope of Registration: Attached Scope of accreditation No: IAS TL-373 مرفق مجال الاعتماد شهادة رقم: مجال التسجيل:

Notes:

1. QS has no any responsibility for poor performance by this lab during the validity period.
2. This certificate will remain valid for the period specified, subject to compliance with the Technical Regulations.
3. This certificate is invalid without the attached scope of accreditation
3. It is important to apply two months before expiry date of validity for renewal of this conformity certificate.
4. The required fee for this certificate has been stated according to the decision No. (112)/2019



Recommended by:

Head of CC Section

Authorized by:

Director of Quality & Conformity Dept

Approved by:

PRESEDENT, QGOS

This ICV Certificate is issued to

Gulf Laboratories Co. WLL

Company address

PO 4024, Doha, State of Qatar

Commercial registration number

14419

Contact person details

Name	Andrew Slate	E-mail	andrew.slate@mannai.com.qa
Phone	+ 974 4451 6430	Mobile	+ 974 5550 3897

ICV Certificate details

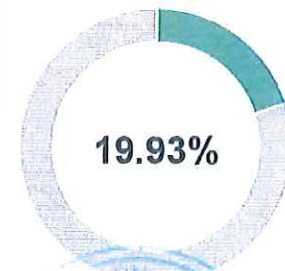
ICV Certificate number	MM-SCR-00014419-2019-1	Name of the ICV Certifier	Morison & Kuriachan Kuriakose Chartered Accountants & Partners
Issue date	08 September 2020	Financial year end	31 December 2019
Expiry date	07 September 2021	Engagement letter date	15 July 2020

ICV details

ICV Contribution

ICV Score

A		Goods and Services	11.04%
B		Workforce Training	0.00%
C		Supplier Development	0.00%
D		Investment in Fixed Assets	8.89%



Signed by



on behalf of Gulf Laboratories Co. WLL

Name: Jerry John

Designation: Financial Controller

Date: 09 September 2020



Signed by



on behalf of Morison & Kuriachan Kuriakose Chartered Accountants & Partners

Name: George George Karikampallil

Designation: Engagement Leader - ICV Certification

Date: 08 September 2020



Note:

- 1) This ICV Certificate is based on the ICV Scorecard Submission Guidelines version 1.4.
- 2) This ICV Certificate is an extraction from Morison & Kuriachan Kuriakose Chartered Accountants & Partners's full ICV report dated 08 September 2020 and should be read in conjunction with the cover letter and factual findings report relevant to the ICV score in the full ICV report.
- 3) This full ICV report is issued vide an engagement letter between Morison & Kuriachan Kuriakose Chartered Accountants & Partners and Gulf Laboratories Co. WLL dated 15 July 2020. Morison & Kuriachan Kuriakose Chartered Accountants & Partners does not accept or assume any liability, responsibility or duty of care for any use of or reliance on this document by anyone, other than the intended recipient to the extent agreed in the engagement letter.
- 4) In the case any information included in the ICV Certificate requires further validation, contact should be made with Tawteen.



Ref. : QIC/P&C/3501/2020
Date : 24 December 2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that all employees as declared for Insurance of Gulf Laboratories Co., W.L.L., P.O Box 4024, Doha, State of Qatar are insured in accordance with the current Labour Laws of the State of Qatar under our Annual Workmen's Compensation Insurance Policy No.: P1/10/17-0202-003738 as follows:

- 1) Period of Insurance : From 01st January 2021
To 31st December 2021, *both days inclusive*
(and renewable annually thereafter as per mutual agreement)
- 2) Employers Liability : Under Sharia/Common Law USD 2,000,000/-
any one accident or series of accidents arising out of one cause including costs and expense with number of occurrences unlimited during the Period of Insurance
- 3) Territorial Limit : GCC Countries but extended to cover Worldwide in respect of non manual business travel
- 4) Jurisdiction : Worldwide excluding USA and Canada
(in respect of Employer's Liability only)

This Certificate is issued as evidence that insurance has been arranged as per our standard policy wording and does not purport to show full terms and conditions of coverage nor vary them in any way. The terms and conditions of the insurance policy shall prevail in the event of any inconsistency between this Certificate and the policy.



For QATAR INSURANCE COMPANY


Authorized Signatory

QIC GROUP ENTITIES

QIC Qatar | QIC International LLC | QIC Dubai | QIC Abu Dhabi
QIC Muscat | KOIC Kuwait | QIC Europe - Malta, Milan
Qatar Economic Advisors | QIC Real Estate | QIC Capital
Qatar Re - Bermuda, Doha, Dubai, Zurich, London, Singapore
QLife & Medical - Doha, Labuan
Antares - London, Singapore, Shanghai

Ref. : QIC/P&C/3502/2020

Date : 24 December 2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Gulf Laboratories Co., W.L.L., P.O Box 4024, Doha, State of Qatar is insured under our Annual Contractors All Risks Insurance Policy No. P1/10/17-0501-002088 as follows:

1) Period of Insurance : From 01st January 2021
To 31st December 2021, *both days inclusive*
(and renewable annually thereafter as per mutual agreement)

2) Sum Insured under
Section 1 – Material Damage : QR. 15,000,000/- (*maximum any one contract value*)

Sum Insured under
Section 2 – Third Party Liability: Third Party Liability –
QR 10,000,000/- any one occurrence with
number of occurrences unlimited during the
Period of Insurance

Principal's Existing & Surrounding Property –
QR 10,000,000/- any one occurrence with
number of occurrences unlimited during the
Period of Insurance

All other terms and conditions are as per Original Policy.

This Certificate is issued as evidence that insurance has been arranged as per our standard policy wording and does not purport to show full terms and conditions of coverage nor vary them in any way. The terms and conditions of the insurance policy shall prevail in the event of any inconsistency between this Certificate and the policy.

For QATAR INSURANCE COMPANY



Authorised Signatory

QIC GROUP ENTITIES

QIC Qatar | QIC International LLC | QIC Dubai | QIC Abu Dhabi
QIC Muscat | QIC Kuwait | QIC Europe - Malta, Milan
Qatar Economic Advisors | QIC Real Estate | QIC Capital
Qatar Re - Bermuda, Doha, Dubai, Zurich, London, Singapore
QLife & Medical - Doha, Labuan
Antares - London, Singapore, Shanghai

10/19/12/01/10,000

Ref. : QIC/P&C/3503/2020
Date : 24 December 2020

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Gulf Laboratories Co., W.L.L., P.O Box 4024, Doha, State of Qatar is insured under our Annual Professional Indemnity Insurance Policy No. P1/10/17-0703-003573 as follows:

- 1) Period of Insurance : From 01st January 2021
To 31st December 2021, *both days inclusive*
- 2) Limit of Liability : USD 5,000,000/- any one claim and in the annual aggregate

All other terms and conditions are as per Policy No. P1/10/17-0703-003573

This Certificate is issued as evidence that insurance has been arranged as per our standard policy wording and does not purport to show full terms and conditions of coverage nor vary them in any way. The terms and conditions of the insurance policy shall prevail in the event of any inconsistency between this Certificate and the policy.

For QATAR INSURANCE COMPANY


Authorised Signatory

QIC GROUP ENTITIES

QIC Qatar | QIC International LLC | QIC Dubai | QIC Abu Dhabi
QIC Muscat | KOIC Kuwait | QIC Europe - Malta, Milan
Qatar Economic Advisors | QIC Real Estate | QIC Capital
Qatar Re - Bermuda, Doha, Dubai, Zurich, London, Singapore
QLife & Medical - Doha, Labuan
Antares - London, Singapore, Shanghai

تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
10	10.00	رأس المال
20	20.00	صافي الموجودات
25	20.00	مجموع قيمه العقود
5	1.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	91.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
7120014	فحص تربة و مواد اسفلتية	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

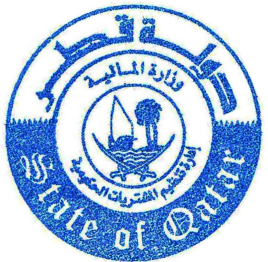
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

بيان العناصر	النقاط المكتسبة	الحد الأقصى للنقاط
رأس المال	10.00	10
صافي الموجودات	20.00	20
مجموع قيمه العقود	20.00	25
عدد العقود	1.00	5
عدد الكادر الإداري	10.00	10
عدد الكادر الفني	30.00	30
مجموع النقاط	91.00	100

رقم النشاط	اسم النشاط	الفئة
7120005	اعمال فحص واختبار مواد البناء (مختبرات مواد البناء)	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

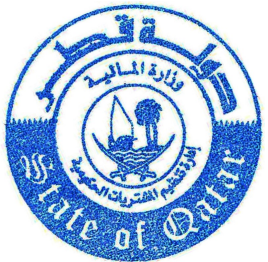
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
10	10.00	رأس المال
20	20.00	صافي الموجودات
25	20.00	مجموع قيمه العقود
5	1.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	91.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
7120015	قياس نسب نقاوة و تلوث الهواء	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

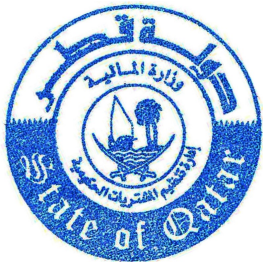
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
10	10.00	رأس المال
20	20.00	صافي الموجودات
25	20.00	مجموع قيمه العقود
5	1.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	91.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
7120102	المختبرات و التحليل الكيميائي	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

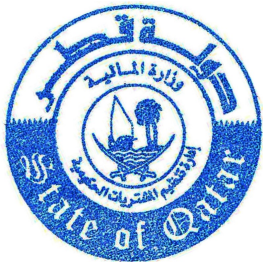
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
10	10.00	رأس المال
20	20.00	صافي الموجودات
25	20.00	مجموع قيمه العقود
5	1.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	91.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
7120017	مختبرات البيئة و القياسات الاشعاعية	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

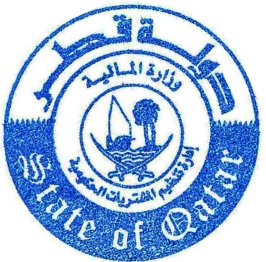
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
10	10.00	رأس المال
20	20.00	صافي الموجودات
25	25.00	مجموع قيمه العقود
5	4.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	99.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
112100	معامل ومختبرات النفط والغاز	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

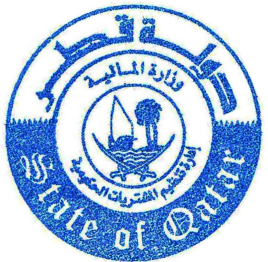
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

بيان العناصر	النقاط المكتسبة	الحد الأقصى للنقاط
رأس المال	10.00	10
صافي الموجودات	20.00	20
مجموع قيمه العقود	25.00	25
عدد العقود	4.00	5
عدد الكادر الإداري	10.00	10
عدد الكادر الفني	30.00	30
مجموع النقاط	99.00	100

رقم النشاط	اسم النشاط	الفئة
4312100	اعداد وتجهيز المواقع من الحفر والتسوية	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

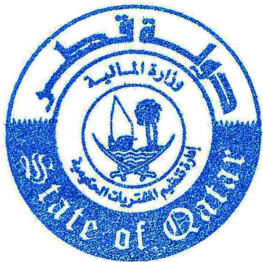
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
10	10.00	رأس المال
20	20.00	صافي الموجودات
25	25.00	مجموع قيمه العقود
5	4.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	99.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
7120400	اختبار وقياس المؤشرات البيئية	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

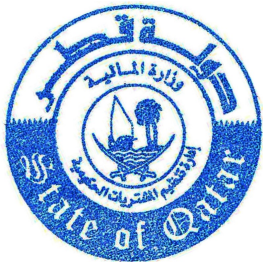
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
رقم السجل التجاري: 14419 قد تم تصنيفهم في قطاع مقدمي الخدمات بالأنشطة والفئات التالية:

النقاط المكتسبة	بيان العناصر	الحد الأقصى للنقاط
10.00	رأس المال	10
20.00	صافي الموجودات	20
10.00	مجموع قيمه العقود	25
3.00	عدد العقود	5
10.00	عدد الكادر الإداري	10
30.00	عدد الكادر الفني	30
83.00	مجموع النقاط	100

رقم النشاط	اسم النشاط	الفئة
4312200	صب القواعد والاساسات	ثانية

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

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و الأحكام

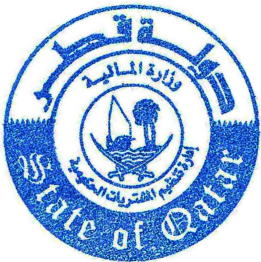
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
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بيان العناصر	النقاط المكتسبة	الحد الأقصى للنقاط
رأس المال	10.00	10
صافي الموجودات	20.00	20
مجموع قيمه العقود	25.00	25
عدد العقود	4.00	5
عدد الكادر الإداري	10.00	10
عدد الكادر الفني	30.00	30
مجموع النقاط	99.00	100

رقم النشاط	اسم النشاط	الفئة
7110700	مكاتب الاستشارات والابحاث الجيولوجية والفيزيائية	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

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و الأحكام

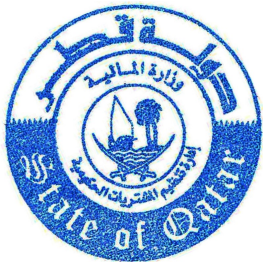
مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:



تشهد إدارة تنظيم المشتريات الحكومية بأن السادة / شركة الخليج للمختبرات
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الحد الأقصى للنقاط	النقاط المكتسبة	بيان العناصر
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5	4.00	عدد العقود
10	10.00	عدد الكادر الإداري
30	30.00	عدد الكادر الفني
100	99.00	مجموع النقاط

رقم النشاط	اسم النشاط	الفئة
742260	خدمات فحص التربة	اولى

يجب على المصنف عند القيام بأي تصرف قانوني يترتب عليه تعديل في مركزه القانوني بما يخل بالفئة أو المجالات التي تم تصنيفه فيها، أن يخطر الإدارة بهذا التعديل خلال خمسة عشر يوما من تاريخ إجراء هذا التصرف. ويترتب على إخلال المصنف بالتزاماته المشار إليها انتهاء صلاحية شهادة التصنيف الممنوحة له.

* الشروط
و الأحكام

مدير إدارة تنظيم المشتريات الحكومية بالإنيابة

08/04/2022

صالحه حتى:

09/04/2020

تاريخ الإصدار:

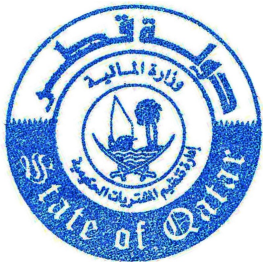


FIGURE 4. ISO Certificates



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

GULF LABORATORIES CO. W.L.L.

P.O. BOX 4024, BUILDING NO. 112, ST. NO. 13, SALWA INDUSTRIAL AREA,
DOHA, STATE OF QATAR

Testing Laboratory TL-373

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date February 9, 2021



A handwritten signature in black ink, reading "Raj Nathan".

President



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

GULF LABORATORIES CO. WLL

JUNCTION OF STREET NO. 2 AND AL KASSARAT SALWA INDUSTRIAL AREA
DOHA, 4024, STATE OF QATAR

Testing Laboratory TL-912

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 5, 2021



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

GULF LABORATORIES CO. WLL

www.gulflaboratories.com

Contact Name Melvin Soriano

Contact Phone +974-70960183

Accredited to ISO/IEC 17025:2017

Effective Date January 5, 2021

Food Microbiology	
AOAC Official Method 2000.14 Reveal Test	Detection of Escherichia coli O157 By Reveal Test
CCFRA 2.4.2:2003 Guideline No. 24 5th Edition	Detection and Enumeration of Escherichia coli using Chromogenic Medium: Pour Plate Technique
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 1.1.1:2007 Test 6.2.1	Standard Plate Count (Total Viable Count) - Pour Plate Technique
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 1.2.1:2003-Test 6.8.1	Mesophilic Spore Count-Pour Plate
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 2.2.1:2007	Enumeration of Coliforms-Colony Count Technique
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 2.3.1:2007	Enumeration of Enterobacteriaceae-Colony Count Technique
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 2.5.1:2003 Test-6.2.1	Enumeration of Pseudomonas Species: Colony Count Technique
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 2.5.2:2003 Test-6.2.1	Enumeration of Pseudomonas aeruginosa: Colony Count Technique
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 3.1.2 & 5:2007	Detection of Salmonella: Cultural Method
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 3.2.2 & 7:2007	Detection of Listeria monocytogenes and other Listeria species: Cultural Method

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 3.3.1:2007	Detection of thermotolerant Campylobacter Species
CCFRA Guideline No. 43 - Manual of Microbiological Methods for the food and Drinks Industry 5th Ed. 2007 - Method 3.6.1:2007	Enumeration of Clostridium perfringens: Colony Count Technique
CMMEF 5th Ed. - Chapter 9	Enumeration of Coliforms, Fecal coliforms and Escherichia coli by MPN Method
CMMEF 5th Ed. - Chapter 21	Yeast and Molds -Spread plate Technique
CMMEF 5th Ed. - Chapter 31	Enumeration of Bacillus cereus
Reveal 2.0 Assay Test for Listeria -Neogen-Corporation -GL-SOP-CHE-175	Detection of Listeria species
USFDA, BAM Chapter 3-January 2007	Aerobic plate count-Conventional Plate Count Method
USFDA, BAM Chapter 9 -May 2004	Enumeration of Vibrio parahaemolyticus by MPN Method
USFDA, BAM Chapter 12 -March 2016	Staphylococcus aureus-Direct Plate Count Method

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
149028-2014-AQ-ARE-RvA

Initial certification date:
27 January 2014

Valid:
27 November 2019 - 26 November 2022

This is to certify that the management system of

Gulf Laboratories Co. WLL (Division of Mannai Corporation)

PO Box: 4024, Salwa Industrial Area, Street No 13, Zone 57, Building No 112, Doha, Qatar,

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:

Provision of drilling and testing services for geotechnical, geological and hydrological investigations and installations and laboratory testing of soil, water, rock, concrete, cement, aggregates, steel, asphalt, oil/petroleum products and food products.



Place and date:
Dubai, 26 November 2019



The RvA is a signatory to the IAF MLA

For the issuing office:
DNV GL - Business Assurance
Floor 14th, Burjuman Tower, P.O. Box
11539, Dubai, United Arab Emirates

Amit Bhatia

Amit Bhatia
Management Representative



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
109334-2012-AE-ARE-RvA

Initial certification date:
13 January 2012

Valid:
27 November 2019 - 26 November 2022

This is to certify that the management system of

Gulf Laboratories Co. WLL (Division of Mannai Corporation)

PO Box: 4024, Salwa Industrial Area, Street No 13, Zone 57, Building No 112, Doha, Qatar,

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:

Provision of drilling and testing services for geotechnical, geological and hydrological investigations and installations and laboratory testing of soil, water, rock, concrete, cement, aggregates, steel, asphalt, oil/petroleum products and food products.



Place and date:
Dubai, 26 November 2019



The RvA is a signatory to the IAF MLA

For the issuing office:
DNV GL - Business Assurance
Floor 14th, Burjuman Tower, P.O. Box
11539, Dubai, United Arab Emirates

Amit Bhatia

Amit Bhatia
Management Representative



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
144116-2013-AHSO-ARE-RvA

Initial certification date:
27 November 2007

Valid:
27 November 2019 - 26 November 2022

This is to certify that the management system of

Gulf Laboratories Co. WLL (Division of Mannai Corporation)

PO Box: 4024, Salwa Industrial Area, Street No 13, Zone 57, Building No 112, Doha, Qatar,

has been found to conform to the Occupational Health and Safety Management System standard:

ISO 45001:2018

This certificate is valid for the following scope:

Provision of drilling and testing services for geotechnical, geological and hydrological investigations and installations and laboratory testing of soil, water, rock, concrete, cement, aggregates, steel, asphalt, oil/petroleum products and food products.



Place and date:
Dubai, 26 November 2019



For the issuing office:
DNV GL - Business Assurance
Floor 14th, Burjuman Tower, P.O. Box
11539, Dubai, United Arab Emirates

Amit Bhatia

Amit Bhatia
Management Representative



TABLE 1. Project Reference List

Client	Project	Value (QAR)	Period
DORNIER CONSULTING L.L.C.	STUDY FOR DELINEATION OF OIL CONTAMINATED AREA WITH HIGHER ACCURACY IN DUKHAN FIELDS	4,175,832.00	2019
SAK TRADING & CONTRACTING CO.	INSTALLATION AND TESTING OF DEEP INJECTION WELLS CONTRACT – EZDAN VILLAGES	4,147,692.00	2019
SAK TRADING & CONTRACTING CO.	DEEP WELLS CONTRACT, EZDAN VILLAGES IN WUKAIR	9,495,874.00	2019
METITO (OVERSEAS) QATAR W.L.L.	DEEP WELL FOR TSE PLANT AT NAUFAR HOSPITAL PROJECT - DEEP AQUIFER INJECTION WELL	2,200,425.00	2019
LABORATORY			
MEDCO	SITE LABORATORY & PSD TESTING	4,955,360.00	2014
ISG-IMPREGILO-SK E&C-GALFAR AL MISNAD JV	DOHA METRO – RED LINE NORTH UNDER GROUND LOT 1.4 & 1.5 – GROUND WATER ANALYSIS	2,000,000.00	2014
QDVC-GS E&C – AL DARWISH ENGINEERING JV	THIRD PARTY LABORATORY TESTING SERVICES RED LINE SOUTH (QIRP-RLS)	8,250,935.00	2014
J & P	DESIGN& CONSTRUCTION NEW ORBITAL HIGHWAY & TRUCK ROUTE (P023) CONTACT 1 : NEW DOHA PORT TO ORBITAL HIGH WAY	RATE PER TEST	2015
HBK – HAMAD BIN KHALID CONTRACTING CO.	NPP0032 – SITE LABORATORY ESTABLISHMENT F FOR DOHA PORT PROJECT	2,813,620.00	2015
QATAR BUILDING CO. / MSF JV	NEW PORT PROJECT – QENFB INFRASTRUCTURE AND UTILITY BUILDINGS – LAB TESTING WORKS	RATE PER TEST	2015
MINISTRY OF PUBLIC HEALTH	LABORATORY TEST FOR ENVIRONMENTAL SAMPLES	106,610.00	2016
QD-SBG CONSTRUCTION	INDEPENDENT THIRD PARTY LABORATORY TESTING & SERVICES – DUKHAN ROAD PROJECT	RATE PER TEST	2016
CCIC/TCC WLL JV	HAMD INT'L AIRPORT Q-1 SUPPLY PROJECT – LABORATORY TESTING WORKS	RATE PER TEST	2017
ORYX GTL	CALL OFF CONTRACT FOR ENVIRONMENTAL ANALYTICAL SERVICES	RATE PER TEST	2017
RASGAS	LABORATORY ANALYSIS ON CALL ON BASIS	205,000.00	2017
QATAR GAS	LABORATORY ANALYSIS ON CALL OFF BASIS	RATE PER TEST	2017
ROOTS ENERGY	CHEMICAL ANALYSIS OF POTABLE WATER	500,000.00	2018
QATAR PETROLEUM	TESTING OF ARMOUR ROCKS AT RLIC	80,000.00	2018
GHD	CLEANUP DREDGING PROJECT – SEAWATER AND SEDIMENT ANALYSIS	RATE PER TEST	2018
MIDMAC CONTRACTING	QATAR ARMED FORCES – AMMUNITION STORES – THIRD PARTY LABORATORY TESTING WORKS	514,000.00	2018
CHINA HARBOUR ENGINEERING	UMM AL HOUL SPECIAL ECONOMIC ZONE – LABORATORY TESTING WORKS	RATE PER TEST	2019
CCC & TEYSEER CONTRACTING	ON & OFF SITE LAB TEESTING WORKS – NORTH FIELD EXPANSION PROJECT	556,000.00	2019
AL WAKEEL GROUP	NORTH FIELD EXPANSION PROJECT - LABORATORY TESTING WORKS	RATE PER TEST	2019

COWI A/S	INSTALLATION OF DEEP INJECTION WELLS FOR SALWA BEACH RESORT – GEO-ENVIRONMENTAL & HYDROGEOLOGICAL INVESTIGATION	732,244.00	2018 – 2019
PARSONS INTERNATIONAL LIMITED	Q-RAIL RED LINE NORTH EXTENSION – GEOTECHNICAL INVESTIGATION & GEOPHYSICAL SURVEY.	824,657.00	2018 – 2019
HYUNDAI ENGINEERING & CONSTRUCTION	CONSTRUCTION OF AL BUSTAN STREET SOUTH (P007 C5 P1).	1,307,155.00	2017 – 2019
GALFAR AL MISNAD ENGINEERING & CONTRACTING W.L.L.	EPIC FOR HOOK-UP OIL/PWI WELLS & FLOWLINES IN DUKHAN.	1,597,150.00	2017 – 2019
GALFAR AL MISNAD ENGINEERING & CONTRACTING W.L.L.	QP FLOWLINE CONTRACT - DUKHAN SC SERVICE FOR DRILLING EARTHING BOREHOLES	2,205,000.00	2017 - 2019
ISG JV	GEOTECHNICAL INVESTIGATION AT EMERGENCY EXIT AT AL BIDDA PARK.	1,262,914.00	2016 – 2017
URBACON TRADING & CONTRACTING	NEW LUSAIL ISLAND RESORT PROJECT	530,505.00	2016 – 2017
SAMSUNG C&T CORPORATION	SAMSUNG C&T CORPORATION-FACILITY D INDEPENDENT POWER & WATER PROJECT	1,261,093.00	2015 – 2015
FOSTER AND PARTNERS	NDIA SITE INVESTIGATION WORK	4,062,103.00	2015 – 2017
FOSTER AND PARTNERS	SITE INVESTIGATION WORKS FOR HIA PASSENGER TERMINAL EXPANSION	19,826,295.00	2015 – 2017
ALYSJ JV	GEOTECHNICAL INVESTIGATION WORK FOR QATAR INTEGRATED RAILWAY PROJECT-GOLD LINE UNDERGROUND	3,578,670.00	2014 – 2016
ASHGHAL	FRAMEWORK CONTRACT FOR SITES INVESTIGATIONS AND SURVEYS GROUP 2:	30,000,000.00	2014 – 2018
SWISSBORING	EPIC WELLHEAD SCADA AND CATHODIC PROTECTION IN DUKHAN	10,322,729.17	2014 – 2016
QDVC BIN OMRAN	DESIGN AND CONSTRUCT NEW ORBITAL HIGHWAY	COM	2014 – 2018

TABLE 2. List of Major Projects

Major Completed Projects
Geotechnical Investigations & Drilling Projects

Client	Project	Value (QAR)	Period
METITO (OVERSEAS) QATAR W.L.L.	DEEP WELL FOR TSE PLANT AT NAUFAR HOSPITAL PROJECT - DEEP AQUIFER INJECTION WELL	2,200,425.00	2019
SAK TRADING & CONTRACTING CO.	DEEP WELLS CONTRACT, EZDAN VILLAGES IN WUKAIR	9,495,874.00	2019
SAK TRADING & CONTRACTING CO.	INSTALLATION AND TESTING OF DEEP INJECTION WELLS CONTRACT – EZDAN VILLAGES	4,147,692.00	2019
DORNIER CONSULTING L.L.C.	STUDY FOR DELINEATION OF OIL CONTAMINATED AREA WITH HIGHER ACCURACY IN DUKHAN FIELDS	4,175,832.00	2019
WORLEY PARSONS	FEED FOR CNG STATIONS AT RLIC & MIC – GROUNDWATER MONITORING WELLS.	103,762.00	15.Jan.19
PETROLTECNICA ENVIRONMENTAL SERVICES	QAPCO SITE IN MIC - GROUNDWATER MONITORING WELL, SAMPLING AND ANALYSIS.	84,850.00	24.Jan.19
REDCO INTERNATIONAL W.L.L	BOREHOLES FOR CATHODIC PROTECTION – HIA METRO STATION (REF# O-63481R2)	258,529.00	10.Feb.19
MILAHA MARITIME & LOGISTICS	OFFSHORE GEOTECHNICAL INVESTIGATION AT MILAHA SHIPYARD BAY AT MESAIEED.(REF# O-63318R5)	350,000.00	14.Feb.19
DAR AL HANDASAH CONSULTANTS	GRANT TERMINAL AT DOHA PORT REDEVELOPMENT PROJECT – SOIL INVESTIGATION & GEOPHYSICAL WORK (REF: GL/Q/SI/O-65195R2)	187,721.10	17.Feb.19
DORNIER CONSULTING L.L.C.	STUDY FOR DELINEATION OF OIL CONTAMINATED AREA WITH HIGHER ACCURACY IN DUKHAN FIELDS	4,175,832.00	28.Feb.19
QATAR KENTZ	EPICC FOR WASTEWATER RECYCLE AND REDUCTION PROJECT (QG2, QG3 & QG4). REF# O-59829R1	59,000.00	10.Mar.19
PARSONS INTERNATIONAL LIMITED	DOHA CENTRAL AND CORNICHE BEAUTIFICATION – GEOTECHNICAL & GEOPHYSICAL WORK (REF: O-67476R1)	819,965.00	12.Mar.19
ASHGHAL	ROADS AND INFRASTRUCTURE IN WEST OF UMM SALAL MOHAMED (DN123) – FRAMEWORK CONTRACT	795,767.22	19.Mar.19
SAK TRADING & CONTRACTING CO.	INSTALLATION AND TESTING OF DEEP INJECTION WELLS CONTRACT – EZDAN VILLAGES. (REF# O-53859 R3)	4,147,692.00	08.Apr.19
SCHLUMBERGER WATER SERVICES	DRILLING WORKS IN AL DAAYEN AREA – DRILLING OF CORED BOREHOLES (REF# O-69998R1)	42,853.00	14.Apr.19
HYUNDAI ENGINEERING & CONSTRUCTION CO	CONSTRUCTION OF AL BUSTAN STREET SOUTH - QATAR (P007 C5 P1) – SUPPLY & INSTALLATION OF BOREHOLE EXTENSOMETER - REF (O-65829)	246,230.00	06.May.19

2018			
Client	Project	Value (US\$)	Period
ARAB ENGINEERING BUREAU	Q-POST NEW HEADQUARTERS BUILDING AND SORTING FACILITY AT THUMAMA – GEOTECHNICAL INVESTIGATION	14,293.80	07-Oct-2018 (On going)
INDUSTRIAL & LOGISTICS CONSULTANTS (IBLS). -	PLOT# 57020638 LOCATED AT INDUSTRIAL AREA – GEOTECHNICAL INVESTIGATION	-	25-Sep-2018 (On going)
FRIENDLY FOOD QATAR W.L.L.	PLOT ID: BA-LLP-F-018 (WAREHOUSE, ADMINISTRATIVE SPACES, ACCOMMODATION &	11,033.55	25-Sep-2018 (On going)

	SUPPORTING FACILITIES) AT BIRKAT AL AWAMER, LOGISTICS PARK.		
ARAB ENGINEERING BUREAU	AFFORDABLE HOUSING AT AL KHOR FOR BARWA REAL ESTATE COMPANY	35,100.00	24-Sep-2018 (On going)
NASSER SAEED AL HAJRI CO.	DOHA PROJECT SITE (EARTH PIT BOREHOLES)	6,453.00	16-Sep-2018 (On going)
FUGRO PENINSULAR SERVICES CO.	PROVISION OF GEOLOGIST	9,504.00	16-Sep-2018 (On going)
GET GENERAL ENGINEERING TECHNOLOGIES	P018 AL MAJEDA FARM BUILDING 2	6,858.00	10-Sep-2018 (On going)
IBA ISMAIL BIN ALI TRADING	GWC UPS LOGISTICS PARK AT RAS BOFUNTAS - SITE155	7,283.25	04-Sep-2018 (On going)
LTC INTERNATIONAL QATAR L.L.C.	MANATEQ ZONE - BIRKAT AL AWAMER LOGISTICS PARK	-	30-Aug-2018 (On going)
AL FARAG INTERNATIONAL FOR TRADING & CONSTRUCTION	VILLA PROJECT IN RAYYAN	2,700.00	30-Aug-2018 (Completed)
ARAB ENGINEERING BUREAU	AFFORDABLE HOUSING AT WAKRA FOR BARWA REALESTATE COMPANY	26,266.95	30-Aug-2018 (On going)
RAWDAT AL HAMMAM	MOSQUE PROJECT IN RAYYAN	2,700.00	26-Aug-2018 (Completed)
SOLID GENERAL CONSTRUCTION	ROADS & INFRASTRUCTURE WORKS IN WAKRAH WEST –MMUP (PACKAGE1) – GEOTECHNICAL INVESTIGATION	5,648.40	02-Aug-2018 (Completed)
ENERGY TECHNICAL SERVICES W.L.L.	WOQOD FUEL STATION 3 LOCATIONS – DRILLING AND INSTALLATION OF STANDPIPE PIEZOMETER.	10,854.00	22-Jul-2018 (On going)
MITSUBISHI HEAVY INDUSTRIES LTD	DRILLING OF GROUNDWATER MONITORING BORES AT DTRSD.	30,240.00	15-Jul-2018 (On going)
KEO INTERNATIONAL CONSULTANTS	COLLEGES OF MEDICINE AND HEALTH SCIENCES FOR QATAR UNIVERSITY – GROUND INVESTIGATION WORK	31,440.15	15-Jul-2018 (On going))
ABU NAKHLA PETROL STATION COMPLEX	ABU NAKHLA PETROL FILLING STATION RENOVATION PROJECT – ENVIRONMENTAL IMPACT ASSESSMENT STUDY	30,607.20	18-Jul-2018 (On going)
ARAB ENGINEERING BUREAU	COMMERCIAL & RESIDENTIAL DEVELOPMENT AT GHARRAFA (858-10) – GEOTECHNICAL INVESTIGATION WORK.	5,645.70	04-Jul-2018 (Completed)
AL HUDA ENGINEERING WORKS	DRILLING OF BOREHOLES – SUPREME EDUCATIONAL COUNCIL AT DAFNA	2,181.60	02-Jul-2018 (Completed)
ISMAIL BIN ALI TRAD & CONT.	DINING HALL PROJECT (DOHA NAVAL BASE) - DRILLING SOAKAWAY BOREHOLES.	3,186.00	20-Jun-2018 (Completed)
PARSONS INTERNATIONAL LIMITED	Q-RAIL RED LINE NORTH EXTENSION – GEOTECHNICAL INVESTIGATION & GEOPHYSICAL SURVEY.	239,118.75	12-Jun-2018 (Completed)
ATYAF TRADING & INVESTMENT	UMM SALAL PROJECT SITE – DRILLING OF WATER WELL	6,750.00	09-Jun-2018 (Completed)
COWI	INSTALLATION OF DEEP INJECTION WELLS FOR SALWA BEACH RESORT – GEO-ENVIRONMENTAL & HYDROGEOLOGICAL INVESTIGATION	153,362.16	31-May-2018 (On going)
RASSEM ENGINEERING CONSULTANCY	DR. NASSER MARAFIA VILLA – GEOTECHNICAL INVESTIGATION WORK.	7,466.85	31-May-2018 (Completed)
NABINA CONTRACTING	PROPOSED COMMERCIAL BUILDING (2B+G+2F) AT AL AZIZIA – GEOTECHNICAL INVESTIGATION WORK.	3,375.00	31-May-2018 (Completed)
RAS LAFFAN OLEFINS COMPANY LTD	INSTALLATION OF GROUNDWATER QUALITY MONITORING WELLS FOR RLOC	59,148.36	30-May-2018 (On going)
QATAR CHEMICAL COMPANY LIMITED	INSTALLATION OF GROUNDWATER QUALITY MONITORING WELLS FOR Q-CHEM & Q-CHEM II.	84,054.24	30-May-2018 (On going)
URBACON TRADING & CONTRACTING	DOHA PORT REDEVELOPMENT LAND RECLAMATION WORKS – GEOTECHNICAL INVESTIGATION WORKS.	12,017.70	27-May-2018 (Completed)
ARABILLA TRADING & CONTRACTING	DESIGN & BUILD CONTRACT OF STORAGE FACILITY AND GENERATOR ROOM AT AL JUMAILIYA HEALTH CENTER	3,159.00	24-May-2018 (Completed)

STANTEC ARCHITECTURE INC.	HMC – HPH PROJECT PSYCHIATRIC HOSPITAL SALWA ROAD – GEOTECHNICAL INVESTIGATION WORK.	11,539.80	22-May-2018 (Completed)
SAMSUNG C&T	QATAR UMM AL HOUL POWER IWPP (RO 60 MIDG ADD-ON) – SOIL INVESTIGATION (ONSHORE)	32,778.00	20-May-2018 (Completed)
AL AQSA ENGINEERING CONSULTANCY	PROJECT IN AL DAAYEN MUNICIPALITY - GEOTECHNICAL WORK	4,102.65	16-May-2018 (Completed)
ARAB ENGINEERING BUREAU	GEOTECHNICAL INVESTIGATION – WORKSHOP, OFFICE AND ACCOMMODATION AT BIRKAT AL AWAMER, AL WAKRA FOR PROFIT HOLDING.	5,857.65	01-May-2018 (Completed)
QATAR MUSEUMS AUTHORITY (QMA).	GEOPHYSICAL SURVEY/INSPECTION AT AL ZUBARAH ARCHAEOLOGICAL SITE.	169,125.30	30-Apr-2018 (On going)
GLOBAL TRADE & TECHNOLOGY W.L.L	PROJECT IN DOHA – DRILLING GROUNDWATER MONITORING WELL	2,697.30	26-Apr-2018 (Completed)
QATAR STEEL INDUSTRIES FACTORY	INDUSTRIAL AREA PROJECT SITE	1,512.00	26-Apr-2018 (Completed)
K&H SONS OF M.ALMANA CO	B+G+7 STOREY RESIDENTIAL BUILDING IN AL MUNTAZAH - GEOTECHNICAL INVESTIGATION WORK.	2,970.00	22-Apr-2018 (Completed)
BUILDERS ADVANCED ENG. & CONST	DRILLING OF 10 NOS. RAIN HARVEST WELLS IN ABU THAILAH WELLFIELD STATION, QATAR	108,000.00	19-Apr-2018 (On going)
RASHID MOHAMED AMANI AL ADHA	CLEANING AND DEEPENING OF WATER WELL AT OTORIYA/SHAHANIYAH.	3,510.00	12-Apr-2018 (Completed)
FIRELINK	INVESTIGATION FOR FIRE WATER TANK – GEOTECHNICAL WORK.	2,300.40	05-Apr-2018 (Completed)
AL JABER TRADING & CONTRACTING	CONSTRUCTION OF DOHA PORT – SPORTS MARINA & CONTAINER PARK (OFFSHORE DRILLING).	89,919.18	28-Mar-2018 (On going)
MWH UK LIMITED	PRE CONTRACT PROFESSIONAL CONSULTANCY DESIGN SERVICES FOR SHEEHANIYA STRATEGIC SEWER & FORWARDING PUMPING STATION IA/14-15/D/011/G.	28,809.00	22-Mar-2018 (Completed)
UNIQUP HOELSCHER W.L.L.	SHALLOW MONITORING WELL.	13,269.15	19-Mar-2018 (Completed)
SULTAN AHMED JABER AL JABER	CLEANING AND DEEPENING OF WATER WELL AT AL SAHLA, SHAHANIYA.	2,295.00	14-Mar-2018 (Completed)
DAR AL HANDASAH CONSULTANTS	SUB-SURFACE SOIL INVESTIGATION FOR AL MOURJAN ISLAND DEVELOPMENT AT PEARL QATAR - MARINE SURVEYS	94,340.70	12-Mar-2018 (Completed_
MUHHIBBAH ENGINEERING MIDDLE EAST	ONSHORE AND OFFSHORE GEOTECHNICAL INVESTIGATION WORKS IN MARSJA UM ALHOUL AT UM ALHOUL SPECIAL ECONOMIC ZONE	172,800.00	08-Mar-2018 (On going)
DAR AL HANDASAH CONSULTANTS	SUB-SURFACE SOIL INVESTIGATION FOR AL MOURJAN ISLAND DEVELOPMENT AT PEARL QATAR.	194,049.27	08-Mar-2018 (Completed)
AL JAZEERA ARABIA POWER ENGINEERING	RAIL MESHEIREB PROJECT – SOIL RESISTIVITY TEST.	553.50	06-Mar-2018 (Completed)
DAR AL HANDASAH CONSULTANTS	MASTER PLANNING & INFRASTRUCTURE CONSULTANCY SERVICES AND ARCHITECTURAL AND ENGINEERING CONSULTANCY SERVICES FOR AL MOURJAN ISLAND.	116,905.41	05-Mar-2018 (Completed)
QATAR KENTZ	RLIC – QG PROJECT – DRILLING OF EARTHING BOREHOLES.	15,336.00	05-Mar-2018 (Completed)
SHEIKHA MOUZA BINT JABER AHMED AL THANI.	DRILLING OF WATER WELL IN FARM 831, KHARRARA – WAKRA.	8,100.00	04-Mar-2018 (Completed)
NAGHM TRADING & CONTRACTING	B+G+1+P VILLA – GEOTECHNICAL INVESTIGATION WORK	3,375.00	01-Mar-2018 (Completed)
ARAB ENGINEERING BUREAU	BARWA CITY PHASE 3 AT MESAIMEER – GEOTECHNICAL INVESTIGATION WORK	49,126.50	01-Mar-2018 (Completed)
ISMAIL BIN ALI TRDG & CONT. CO	DRILLING OF BOREHOLES AT SITE 148 – GEOTECHNICAL SOIL INVESTIGATION	2,362.50	26-Feb-2018 (Completed)

HYDER CONSULTING MIDDLE EAST	AL DHAKIRA STW – PERMANENT ACCESS ROAD - GEOPHYSICAL SURVEY WORKS	8,451.00	25-Feb-2018 (Completed)
LTC INTERNATIONAL QATAR L.L.C.	WAREHOUSE PROJECT AT MANATEQ – GEOTECHNICAL INVESTIGATION WORK.	6,245.10	25-Feb-2018 (Completed)
AKTAR QATAR W.L.L. - INTEGRATED TRAINING CENTER	INTEGRATED TRAINING CENTER CAVITY PROBING WORKS.	9,855.00	22-Feb-2018 (Completed)
IMPERIAL TRADING & CONTRACTING CO.	GEOTECHNICAL INVESTIGATION WORK – COMMERCIAL BUILDING B+G+2, D RING ROAD	3,763.26	22-Feb-2018 (Completed)
UNIQUP HOELSCHER W.L.L	DEEP RECHARGE WELL.	86,123.25	18-Feb-2018 (Completed)
B.L HARBERT INTERNATIONAL L.L.C.	PROPOSED DEVELOPMENT – NORTH QATAR, DRILLING OF EARTHING BOREHOLES.	67,501.62	14-Feb-2018 (On going)
FERNAS CONSTRUCTION COMPANY INC	EPIC FOR MTBE TANKS & PIPELINES BETWEEN QAFA & QP REFINERY	10,388.25	12-Feb-2018 (Completed)
QATAR ELECTRICTY & WATER CO.	THIRD PARTY SERVICES FOR CERTIFICATIONS OF CONTRACTOR WORKS IN THREE LOCATIONS; AL WAJBAH, DOHA SOUTH AND SALIYA POWER PLANT	19,251.00	12-Feb-2018 (Completed)
ALYSJ JV	SPOIL HEAP SAMPLE SURVEY -QIRP -GOLD LINE UNDERGROUND	12,339.00	8-Feb-2018 (Completed)
ARAB ENGINEERING BUREAU	CBQ NEW WAREHOUSE, ARCHIVE & STAFF ACCOMMODATION AT AL WAKRA LOGISTICS PARK.	4,050.00	4-Feb- 2018 (Completed)
SCHLUMBERGER OVERSEAS S.A	DEEP WELLS – Galfar Logistics Park, HBK-BANI HAJER AND AL JABER MUNTAZAH PARK PROJECTS	29,835.00	30-Jan-2018 (Completed)
RAWDAT AL HAMMAM	VILLA PROJECT IN RAYYAN – GEOTECHNICAL INVESTIGATION	2,700.00	30-Jan-2018 (Completed)
AL SADD CONSULTING ENGINEERING	PROPOSED B+G+1+PH VILLA AT GIORDANO DEVELOPMENT AT THE PEARL	2,430.00	28-Jan-2018 (Completed)
BIN FAISAL TRADING & CONTRACTING	PROPOSED (B+G+2) COMMERCIAL BUILDING SHOPS AND OFFICES AT AL GHARRAFA	6,210.00	27-Jan-2018 (Completed)
SCHLUMBERGER WATER SERVICES	GEOPHYSICAL WELL LOGGING – DEEP WELLS WITHIN MUAITHER, AL DAAZEN & WAKRAH	3,240.00	25-Jan-2018 (Completed)
AL JAZEERA CONSULTING ENGINEERING	PROJECT AT ONAIZA - DOHA. GEOTECHNICAL INVESTIGATION	4,320.00	23-Jan-2018 (Completed)
SCHLUMBERGER WATER SEVICES	OPEN BOREHOLES WITHIN MUAITHER, AL DAAZEN & WAKRAH.	32,793.93	22-Jan-2018 (Completed)
AL AQSA ENGINEERING CONSULTANCY	VILLA IN LUSAIL (PLOT NO. WRW-B/45 & B/46 – GEOTECHNICAL INVESTIGATION WORK.	3,240.00	22-Jan-2018 (Completed)
MANNAI TRADING COMPANY	SUBSTATION PROJECT IN SALWA ROAD – DRILLING EARTHING BOREHOLES	1,316.25	16-Jan-2018 (Completed)
FORESTARIA	FARM NO. 189 – GREEN HOUSES AND ANCILLARY FACILITIES IN ASH SHAFALLAHYAH	3,771.82	14-Jan-2018 (Completed)
TARIQ ABDULLATIF AL JABER	LAND ANALYSIS WITHIN RAWDAT AL HAMMAM AREA	3,092.85	14-Jan-2018 (Completed)
QATAR BUILDING COMPANY (QBC)	ROADS & INFRASTRUCTURE IN DOHA IND.AREA (QS001-PACKAGE 3)	17,077.50	14-Jan-2018 (Completed)
ALJABER ENGINEERING & TEKFEEN CONSTRUCTION JV	AL THUMAMA STADIUM PROJECT	10,341.00	11-Jan-2018 (Completed)
ARAB ENGINEERING BUREAU	1301-17 PROPOSED CAR STORAGE FOR AL FARDAN – GEOTECHNICAL INVESTIGATION	3,510.00	7-Jan-2018 (Completed)
SBN CONTRACTING	NEW DOHA PORT PROJECT – GEOTECHNICAL INVESTIGATION WORK.	3,005.10	2-Jan-2018 (Completed)
SAK TRADING & CONTRACTING CO.	EZDAN VILLAGE 20 WUKAIR – GEOTECHNICAL INVESTIGATION WORK.	10,052.10	2-Jan-2018 (Completed)

2017			
Client	Project	Value (US\$)	Period
RITE GEOSYSTEMS W.L.L	DRILLING SERVICES FOR GROUNDWATER MONITORING WELLS, DOHA	25,987.50	03.Jan.17 ~ 31.May.17
WEST BAY PETROL STATION	GEO ENVIRONMENTAL INVESTIGATION	29,471.85	08.Jan.17 ~ 31.May.17

KOOP WATER MANAGEMENT	6" DIAMETER BOREHOLES FOR WELL POINT.	12,717.00	08.Jan.17 ~ 31.May.17
Qcon- QATAR ENGG.&CONSTR.CO. W.L.L	BORING WORKS FOR EARTH PIT TO IWMP.	8,653.50	12.Jan.17 ~ 31.Mar.17
DOGUS INSAAT VE TIC. A.S	CONSTRUCTION & UPGRADE OF RAYYAN ROAD PROJECT CONTRACT 2	108,000.00	17.Jan.17 ~ 31-Dec.17
WSP MIDDLE EAST	GEOTECHNICAL INVESTIGATION & GEOPHYSICAL INVESTIGATION FOR LUSAIL TOWER	110,601.45	22.Jan.17 ~ 30.Jun.17
AL SAADANI CONTRACTING	PROPOSED G+1 VILLA WUKAIR, QATAR	1,620.00	11.Feb.17 ~ 31-Mar.17
H.E SHEIKH SULTAN BIN JASSIM BIN MOHAMMED AL THANI	DRILLING WATER WELL IN PRIVATE FARM-621, ABU HASYA, UMM SALAL, QATAR	5,400.00	18.Feb.17 ~ 30.Apr.17
AMANA QATAR CONTRACTING CO.W.L.L	FOUNDATION EXCAVATION INSPECTION	4,455.00	20.Feb.17 ~ 30.Nov.17
CONSTRUCTION DEVELOPMENT COMPANY L.L.C	DRILLING 450mm DIA BOREHOLE - ASPIRE ACADEMY PROJECT	2,065.50	21.Feb.17 ~ 30.Apr.17
SAMSUNG C&T CORPORATION	UMM HOUL POWER IWPP-ADDITIONAL SPT BOREHOLES	4,781.03	22.Feb.17 ~ 30.Apr.17
MOONBEAM TRADING & CONSTRUCTION	VILLA PROJECT IN RAWDAT HAMMAM	2,430.00	23.Feb.17 ~ 30.Apr.17
AL JABER TRADING & CONTRACTING CO. W.L.L	DESIGN & BUILT OF NEW PORT PROJECT - PORT VISITOR CENTER BUILDING & INFRASTRUCTURE	13,335.30	23.Feb.17 ~ 30.Jun.17
J & P	ORBITAL HIGHWAY P023 - STANDARD PENETRATION TESTS	2,646.00	02.Mar.17 ~ 30.Apr.17
UNIQUP HOEL SCHER W.L.L	DRILLING 300MM WELLS, DUKHAN	67,500.00	04.Mar.17 ~ 31.Oct.17
QBC/MSF JV	INFRASTRUCTURE & UTILITY BUILDING (QATAR EMIRI FORCE)	14,049.45	09.May.17 ~ 31.May.17
FUGRO PENINSULAR SERVICES	PROVISION OF GEOLOGISTS	17,712.00	11.Mar.17 ~ 30.Nov.17
HLG LEIGHTON GROUP	KAHRAMA-MEKAINNEES RPS AND ASSOCIATED PIPELINE PROJECT.	1,080.00	14.Mar.17 ~ 31.May.17
BIN OMRAN TRADING & CONTRACTING	EARTHING BOREHOLES FOR AL MESHAF PROJECT	22,140.00	15.Mar.17 ~ 30.Jun.17
NOOR AL HIDAYAH CO.	AL MONTAZAH PROJECT	2,430.00	21.Mar.17 ~ 31.May.17
BAITAK DEVELOPMENT	GROUND SETTLEMENT-APARTMENT BUILDING IN AL SAAD (B+G+7)	2,295.00	29.Mar.17 ~ 31.May.17
STORM CONSTRUCTION	DRILLING OF BOREHOLES FOR EARTH PITS DIFFERENT AREA IN QATAR	62,775.00	29.Mar.17 ~ 30.Jun.17
FUGRO PENINSULAR SERVICES CO	GEOTECHNICAL WORK FOR MONUMENT CONSTRUCTION AT NEW DOHA PORT	9,720.00	29.Mar.17 ~ 31.May.17
VELOSI CERTIFICATION	GROUND INVESTIGATION WORK - DOHA	2,065.50	03.Apr.17 ~ 31.May.17
QATAR SHELL GTL LIMITED	PEARL GTL PROJECT - RAS LAFFAN	52,738.85	04.Apr.17 ~ 30.Nov.17
QATAR KENTZ W.L.L	RLIC QG PROJECT-622 WRR PROJECT- DRILLING EARTHING BOREHOLE.	21,675.60	04.Apr.17 ~ 30.Nov.17
ARCADIS - HYDER CONSULTING	KAHRAMMA PIPELINE FOR MEGA RESERVOIR (RAS LAFFAN)	95,850.00	05.Apr.17 ~ 31.Dec.17
AL JABER & PARTNERS	UMM AL HOUL - DRILLING BOREHOLES FOR DEWATERING	5,305.50	05.Apr.17 ~ 30.Jun.17
MACMET - AL KHALEEJ CONSTRUCTIONS	NORMAL BOREHOLE TESTS FOR UNDERGROUND WATER TANK	3,267.00	06.Apr.17 ~ 31.May.17
BUTEC QATAR W.L.L	ASPIRE ZONE PROJECT - BORING WORKS	5,305.50	12.Apr.17 ~ 30.Jun.17
ASHGHAL	ENVIRONMENT ASSESSMENT AND CANAL STUDIES FOR RAS MULAIJI (DN119)	74,945.57	12.Apr.17 ~ 31.Dec.17
AL HELAL TRANSPORT & TRADING - ABU NAKHLA PETROL STATION	GROUNDWATER MONITORING WELLS - ABU NAKHLA.	6,676	23.Jul.17 ~ 30.Nov.17
BLACK CAT ENGINEERING & CONSTRUCTION	EPIC FOR HOOK UP OF SIX KHUFF PRODUCER WELLS TO PRODUCTION PLANTS AT DUKHAN.	2,687	16.Sep.17 ~ 31.Dec.17
KHATIB & ALAMI	PHASE 4 CONCEPT DESIGN OF ROADS & INFRASTRUCTURE - PACKAGE 26 & 27	4,493	18.Sep.17 ~ 31.Dec.17
HYUNDAI ENGINEERING & CONSTRUCTION	CONSTRUCTION OF AL BUSTAN STREET SOUTH (P007 C5 P1).	22,207	03.Oct.17 ~ 28.Feb.18
PENINSULAR PETROTECH ENGINEERING W.L.L	ROTARY DRILLING OF BOREHOLE FOR CP DUKHAN JABEL TANK FARM PROJECT	1,700	09.Oct.17 ~ 31.Dec.17
ABU NAKHLA PETROL STATION	DRILLING TO 8" DIAMETER BOREHOLE.	463	12.Oct.17 ~ 31.Dec.17

DAR AL HANDASAH CONSULTANTS	SUB SURFACE SOIL INVESTIGATION FOR NCO BUILDING WITHIN THE ISF CAMPT AT DUHAIL.	1,159	16.Oct.17 ~ 31.Jan.18
GALFAR AL MISNAD ENGINEERING & CONTRACTING W.L.L.	EPIC FOR HOOK-UP OIL/PWI WELLS & FLOWLINES IN DUKHAN 2016-2019	30.022	18.Oct.17 ~ 28.Feb.18
SCHLUMBERGER WATER SERVICES	DEEP WELLS WITHIN DOHA & WAKRAH CITY	2,046	18.Oct.17 ~ 31.Dec.17
UNIVERSITY PETROL STATION & CAR SERVICES.	DRILLING OF BOREHOLES AT UNIVERSITY PETROL STATION	3,488	19.Oct.17 ~ 31.Jan.18
AL MANA PETROL STATION W.L.L	DRILLING OF BOREHOLES AT AL MANA PETROL STATION.	5,486	19.Oct.17 ~ 31.Jan.18
AL SELEEN PETROL STATION W.L.L	DRILLING OF BOREHOLES AT AL SELEEN PETROL STATION.	4,293	19.Oct.17 ~ 31.Jan.18
NASSER S. AL-HAJRI CO.LTD.	12 HANGERS AND WORKSHOP FOR NEW TANK REGIMENT CAMP AT AL DUHAILIYAT – DRILLING OF EARTHPIIT BOREHOLES.	10,383	21.Oct.17 ~ 31.Jan.18
A.AZIZ BIN KHALID AL GHANEM	DRILLING & INSTALLATION OF WATER WELL IN KARARRAH CAMP, QATAR	1,889	25.Oct.17 ~ 31.Dec.17
AMANA QATAR CONTRACTING CO	DRILLING 100MM DIAMETER BOREHOLES. MANNAI HEADQUARTERS SHOWROOM & WAREHOUSE CONSTRUCTION PROJECT.	511	01.Nov.17 ~ 31.Jan.18
MINISTRY OF MUNCIPALITY AFFAIRS & ENVIRONMENT	DRILLING WATER WELLS IN NAQSHA, QATAR	944	13.Nov.17 ~ 31.Jan.18

2016			
Client	Project	Value (US\$)	Period
SWISSBORING QATAR WLL	Umm Al HouI IWPP	6,696.00	02.Jan.16 ~ 31.Mar.16
SINOHYDRO	CP1-Lusail Development project	8,766.23	02.Jan.16 ~ 31.Mar.16
PETROLEUM TECHNOLOGY CO.W.L.L	Groundwater Quality Monitoring Well	4,981.50	16.Apr.16 ~ 30.Jun.16
Qcon- QATAR ENGNG.&CONSTR.CO. W.L.L	DRILLING OF OPEN BOREHOLE	14,931.00	02.Jan.16 ~ 30.Apr.16
HAYIL TRADING & CONTRACTING	B+G+6 Residential Building at Mansoura	4,320.00	10.Jan.16 ~ 31.Mar.16
HAMTON INTERNATIONAL	Al Andalus School at Umm Salal	33,480.00	15.Jan.16 ~ 30.Apr.16
GEI CONSULTANTS	National Center for cancer care and research	2,700.00	16.Jan.16 ~ 29.Feb.16
CENTURY TRADING W.L.L	Metal Recycling Factory in New Industrial Area	2,295.00	20.Jan.16 ~ 31.Mar.16
M.E.S INDIAN SCHOOL	Geotechnical Investigation Work	4,822.20	26.Jan.16 ~ 31.Mar.16
CEC	CONSTRUCTION OF AQUATIC & FISHERIES REASEARCH	14,094.00	03.Feb.16~ 31.May.16
DIWAN AL EMARA	Geotechnical Investigation for 3 Mosques	7,290.00	04.Feb.16~ 31.May.16
KEO INTERNATIONAL	Geotechnical Investigation for development of ISF camp in Al Duhail.	24,300.00	06.Feb.16~ 31.May.16
GALFAR AL MISNAD	Geotechnical Investigation on Kharama Project - Ras Laffan.	2,295.00	15.Feb.16~ 30.Apr.16
ISG JV	Supply and installation of standpipe Piezometer 35 meter depth	64,988.19	16.Feb.16~ 31.May.16
AL JABER & PARTNERS W.L.L	E.WORKS AND SITE GRADING UMM AL HOUL	49,936.50	16.Feb.16~ 30.Apr.16
BATEC CONTRACTING	Proposed Mosque and Quran School	4,741.20	18.Feb.16~ 30.Apr.16
TRINITY ENVIRONMENTAL	Drilling & Installation of Groundwater Monitoring Wells- Al Shamal	19,353.60	19.Feb.16~ 31.May.16
AL ZAMAAN CONSULTANTS	Proposed Development of Oil Recycling Plant	6,277.50	25.Feb.16~ 31.May.16
SATURN INTERNATIONAL TRADING AND CONTRACTING	Proposed Mosque in al Zubara	4,050.00	25.Feb.16~ 31.May.16

AL-BABTAIN CONTRACTING	Drilling Earthing Boreholes	52,056.00	03.Mar.16~ 28.Feb.17
TRAFFIC TECH GULF W.L.L	Gantries for Traffic Signals, Pearl Qatar	5,508.00	17.Mar.16~ 30.Jun.16
MANNAI TRADING CO.	Proposed Facility for Qatar Logistics in Doha Industrial area	2,700.00	12.Mar.16~ 31.May.16
IZZELDIN MOHAMMAD AL BAHSSER	Cleaning and Deepening water wells in Umm Birka	4,455.00	19.Mar.16~ 31.May.16
JAMES CUBITT AND PARTNERS	Geotechnical Investigation -Al Kaaban Health Center	3,450.60	24.Mar.16~ 31.May.16
HAMTON INTERNATIONAL	Plate Load Testing	4,860.00	26.Mar.16~ 30.Jun.16
CHAIRMAN TRADING & CONTRACTING	Private Palance in Umm Al Affai, Qatar	16,456.50	26.Mar.16~ 30.Jun.16
UNITED INTERNATIONAL TRADING & CONT. W.L.L	Rental of Jack up Pontoon	10,395.00	02.Apr.16~ 30.Jun.16
QVC-QATAR VINYL COMPANY	EDC Sale tank, Messaid	12,085.20	31.Mar.16~ 30.Jun.16
AL HUDA ENGINEERING WORKS	Lusail Development for Primary Infrastructure CP12D	6,274.80	02.Apr.16~ 31.Oct.16
DOPET (DOHA PETROLEUM CONSTRUCTION CO. LTD)	Expansion of Pilot CNG Refueling Station at (SAMI)	7,103.70	02.Apr.16~ 30.Sep.16
KEO INTERNATIONAL	Sub Consultancy Agreement for New Swimming Pool At Al Rayyan and Qatar Sports	38,582.46	09.Apr.16~ 31.Jul.16
NATIONAL INDUSTRIAL CONTRACTING COMPANY	Extension of Distribution Network - Phase 6	7,290.00	16.Apr.16~ 31.Jul.16
CAT BOOM	Geotechnical Investigation - Transmission Pipelines for Mega Reservoir	18,316.80	14.Apr.16~ 31.Dec.16
LARSEN & TOUBRO	Design Supply and Installation of Substations for Lusail Wadi, West North Marina	40,576.95	15.Apr.16~ 31.May.16
SCHLUMBERGER	ASR South Additional Works	140,526.90	20.Apr.16~ 31. Dec.16
ALI MOHAMED AL MAHSADI & SONS	Drilling Water Well in Private Farm Ummbab	5,670.00	21.Apr.16~ 30. Jun.16
KEO INTERNATIONAL CONSULTANTS	Al Wafra Residential Tower Lusail	30,069.90	21.Apr.16~ 31. Dec.16
AL SAEED TRADING AND CONTRACTING	Proposed G+5 Residential Building, Najma	2,430.00	27.Apr.16~ 30. Jun.16
MADINA GROUP	Shell GTL Plant- Ras Laffan Drilling Earthing Borehole	26,055.00	28.May.16~ 30. Jun.16
OKAZ FOR TRADING & CONTRACTING	Proposed new Factory in New Industrial Area	4,725.00	28.Apr.16~ 30. Jun.16
QATAR ENGINEERING & CONSTRUCTION	Qatar Logistics building Drilling Earthing Borehole	18,225.00	28.Apr.16~ 31. Jan.17
SAMSUNG C&T CORPORATION	Umm Al Houli Project	3,091.50	07.May.16~ 31. Jul.16
SIX CONSTRUCT LTD	Extension of Taxiways and Aircraft Parking Stands - Plate Load Test	4,050.00	09.May.16~ 31. Jul.16
GULF EARTH MOVING	Tunnel Excavation Project- AlWakra	5,373.00	09.May.16~ 31. Jul.16
F&M INGEGNERIA	HIA Midfield CT02 Cargo Terminal - Doha	90,559.62	11.May.16~ 31. Mar.17
SINOHYDRO CP1 LUSAIL PROJECT	Additional Geotechnical Investigation Work for Settlement Area	7,651.26	14.May.16~ 31. Jul.16
QATAR FERTILIZER COMPANY (QAFCO)	Geotechnical Investigation at QAFCO 5&6 Sites	38,835.45	16.May.16~ 31. Aug.16
GULF CONTRACTING CO.	Soil Investigation Work for Amiri Link Road	24,104.25	17.May.16~ 31. Oct.16
SIX CONSTRUCT LTD	Extension of Taxiways and Aircraft Parking Stands QA2, Dynamic Probing	29,112.75	24.May.16~ 31. Aug.16
ISG	Additional Geotechnical Investigation at Emergency Exit at Al Bidda Park.	340,882.60	24.May.16~ 31. Oct.16
WORLEY PRSONS	QG Feed for Waste Heat Recovery Unit at RasLaffan LNG Plant	31,342.95	24.May.16~ 30. Jun.16
ISG	Supply and Installation of Piezometer for Katara West Underpass.	48,051.63	28.May.16~ 30. Sep.16

ALI HATEM MOHAMMED IBRAHIM AL MAHSADI	Water Well Drilling in Private Farm UmmBab Road.	5,265.00	30.May.16~ 31. Jul.16
KOOP WATER MANAGEMENT	Quotation for drilling 400mm diameter wells in industrial area Doha (Package 6)	81,000.00	04.Jun.16 ~ 31.Dec.17 <u>31 Dec.17</u>
AGUAS DE VALENCIA	Hamad International Airport - Geotechnical Investigation	10,011.60	15.Jun.16 ~ 31.Aug.16 <u>31 Dec.17</u>
UNITED CONSULTANTS	Villa Extension - Al rayyan - Geotechnical Investigation	3,105.00	18.Jun.16 ~ 31.Aug.16 <u>31 Dec.17</u>
URBACON TRADING & CONTRACTING	New Islands Lusail Island Resort Project	157,975.65	25.Jun.16 ~ 31.Dec.16 <u>31 Dec.17</u>
KEO INTERNATIONAL CONSULTANTS	Al RayyanHuwar Street	32,363.55	28.Jun.16 ~ 30.Jun.17 <u>31 Dec.17</u>
SINOHYDRO CP1 LUSAIL PROJECT	Additional Geotechnical Investigation - Settlement Area Near Storm Water	8,077.05	04.Jul.16 ~ 31.Jan.17 <u>31 Dec.17</u>
DOHA ENTRPRISES GROUP	Geo Environmental Investigation - Doha Petrol Center	48,220.65	13.Jul.16 ~ 30.Apr.16 <u>31 Dec.17</u>
Qcon- QATAR ENGG.&CONSTR.CO. W.L.L	Treated Industrial & Process Water Project in Ras Gas	35,071.65	14.Jul.16 ~ 31.Dec.16 <u>31 Dec.17</u>
SCHLUMBERGER WATER SERVICE	BaniHajer Package 01 & 02 for core drilling	10,341.00	26.Aug.16 ~ 31.Jan.17 <u>31 Dec.17</u>
MR. KHALIFA OMRAN AL KHALAF AL BAKR AL KUWARI	Well Drilling in Private Farm	2,916.00	10.Aug.16 ~ 31.Oct.16
QATARI DEVELOPMENT FOR TRADING & CONTRACTING	Office Building at D-Ring road	5,670.00	17.Aug.16 ~ 31.Dec.16
PENINSULAR PETROTECH ENGINEERING	Revamping of Waste Water Treatment Facility in QAPCO	35,768.25	20.Aug.16 ~ 31.Mar.17
DOHA INTERNATIONAL COMPANY	Proposed New RO Water Station at Abu Samra	66,937.05	03.Sep.16 ~ 31.Dec.16
GULF EARTH MOVING	Geotechnical Investigation - New Port Food Storage	17,550.00	08.Sep.16 ~ 31.May.17
IBA- ISMAIL BIN ALI TRADE & CONT.	Proposed Accomodation Building	6,480.00	05.Sep.16 ~ 30.Nov.16
AL JABER & PARTNERS	Coastal Road Preliminary Investigation	85,774.14	10.Sep.16 ~ 31.Dec.17
GULF EARTH MOVING	New Port Project - Additional	13,974.12	18.Sep.16 ~ 31.May.17
KOOP WATER MANAGEMENT	Well Drilling	3,321.00	16.Sep.16 ~ 30.Nov.16
SEVEN STAR TRADING & GENERAL SERVICE	Hole Drilling in Industrial Area	4,043.25	23.Sep.16 ~ 31.Oct.16
EXXON MOBIL RESEARCH QATAR LIMITED	Bedrock Coring	76,584.15	26.Sep.16 ~ 28.Feb.17
QATAR ALUMINIUM EXTRUSION COMPAN Y	4" Dia Borehole Well Drilling	1,890.00	29.Sep.16 ~ 30.Nov.16
AL KHAYAT TRADING & CONTRACTING	B+G+1+P Villa HazmMarkhiya	3,982.50	01.Oct.16~ 31.Dec.16
SUEZ TRATTAMENTO	QG1- PMP Water Resuse Project	37,559.70	09.Oct.16~ 30.Jun.17
MIDDEL EAST TECHNICAL SERVICE	Drilling Earthing Borehole Substation - Rayyan	1,620.00	08.Oct.16~ 31.Dec.16
FIVES FCB - CASH CUSTOMER	Drilling Earthing Boreholes - Ummbab Project	15,950.25	13.Oct.16~ 30.Nov.16
ISG	Additional Drilling And Installation of Piezometer at Katara North Swallow	2,430.00	20.Oct.16~ 31.Dec.16
NASSER JABOR SULTAN TAWAR AL KUWARI	Rabwa Commercial Development - Hizam Al Markhiya	6,480.00	20.Oct.16~ 31.Dec.16
Mr. NASSER MOHAMMED AL NUAIMI	Water well Drilling for Private Farm	1,620.00	26.Oct.16~ 31.Dec.16
NAKILAT - KEPPEL OFFSHORE & MARINE LTD	Groundwater Monitoring for Chrome Plant	4,995.00	27.Oct.16~ 31.Jan.17
IMCO ENGINEERING & CONSTRUCTION	HIA Extension of Taxiways & New Aircraft Parking Stands	23,335.29	31.Oct.16~ 31.Jan.17
APPLUS VELOSI	Decommisioning of Petrol Station	47,715.75	02.Nov.16~ 30.Sep.17
KEO INTERNATIONAL CONSULTANTS	Geotechnical Investigation for Al Rayyan Road & Al Bustan Street	31,972.05	08.Nov.16~ 31.Jan.17

ACACAIA INTERNATIONAL GROUP	Geotechnical Investigation for Building at Al Wakra	2,430.00	08.Nov.16~ 31.Jan.17
SCHLUMBERGER WATER SERVICE	Core Drilling - Mall of Qatar	10,146.60	08.Nov.16~ 28.Feb.17
GULF CONTRACTING COMPANY	NDIA - Amiri Link Road	2,565.00	08.Nov.16~ 31.Jan.17
AL SULAITEEN AGRICULTURAL & INDUSTRIAL COMPLEX	Soil Investigation - North Road Muslal Ali	5,400.00	12.Nov.16~ 31.Jan.17
TEBODIN MIDDLE EAST	Feed for MTBE Tanks & Pipeline connecting QP Refinery and QAFAC in Mesaieed	48,552.75	14.Nov.16~ 30.Jun.17
CONSTRUCTION ENGINEERING COMPANY	Villa Project - Maizer	3,167.10	17.Nov.16~ 31.Jan.17
K&H SONS OF M. ALMANA CO	Al Mana Headquarters -Geotechnical Investigation	4,846.50	21.Nov.16~ 31.Jan.17
AL ALFIA HOLDING L.L.C	Lusail Hotel Tower	157,202.10	27.Nov.16~ 30.Jun.17
ENERGY TECHNICAL SERVICES	EPIC of Replacement of Fire Water Pumps At Khatiyah Main And Ummbab	11,748.24	06.Dec.16~ 28.Feb.17
DELMON SCAFFOLDING	Drilling 6" Diameter Borehole In Shahniyah	1,755.00	06.Dec.16~ 31.Jan.17
SIX CONSTRUCT LTD	HIA Pizocone Penetration Tests	11,191.50	06.Dec.16~ 28.Feb.17
IMCO ENGINEERING & CONSTRUCTION	HIA-Extension of Taxiways And New Aircraft Parking Stands	19,887.12	07.Dec.16~ 28.Feb.17
GREEN ENERGY AND ENVIRONMENTAL SERVICES	Geoenvironmental Works for HIA	14,114.93	14.Dec.16~ 28.Feb.17
FIVES FCB - CASH CUSTOMER	Drilling Earthing Boreholes Ummbab Project	16,915.50	14.Dec.16~ 31.Mar.17
FUGRO MIDDLE EAST	Provision of Geologists	16,595.28	21.Dec.16~ 30.Apr.17
MR. SALEH ALI S AL SHARQI	Drilling Water Well in Salwa Road	6,750.00	21.Dec.16~ 28.Feb.17
AL RAYYAN OILS W.L.L	Installation of Geoenvironmental boreholes And Lab Tests	7,830.00	27.Dec.16~ 28.Feb.17

2015			
Client	Project	Value (US\$)	Period
ASHGHAL - FRAME WORK CONTRACT (QS015)	ROADS INFRASTRUCTURE RAWDAT RASHEED VILLAGE	290,984.33	04.Jan.15~ 31.Dec.17
ASHGHAL - FRAME WORK CONTRACT	DW077- ROADS INFRASTRUCTURE RAWDAT RASHEED VILLAGE	144,284.48	18.Feb.15~ 28.Sep.17
AL HUDA END WORKS	AIN KHALID SCHOOL	9,013.02	24.Feb.15~ 31.Mar.15
JOANNOU & PARASKEVAIDES	PIEZOCONE PENETRATIONTEST FOR ORBITAL SITE	72,540.8	01.Feb.15~ 30.Apr.15
MSHEIREIB PROPERTIES	ZULAL DESTINATION SPA AND FIVE STAR RESORT	162,768.77	08.Apr.15~ 31.Dec.15
MWH	QP GROUNDWATER FLOODING – MIC	311,734.6	12.Apr.15~ 30.Jun.17
SAMSUNG C&T	FACILITY D INDEPENDENT POWER & WATER PROJECT	346,784.32	12.Mar.15~ 31.Oct.15
ENERGO PROJEKT ENTEL LTD.	LC14100900-FEED FOR EXTENSION OF MANIFOLDS AT JALEHA, FS and KMDS	45,685.74	22.Mar.15~ 31.Oct.15
AL JABER PARTNERS W.L.L	MESAIEED – UMM AL HOUL	42,044.28	03.May.15~ 30.Nov.15
QD-SBG CONSTRUCTION	CP 7B AT LUSAIL PLAZA	520,006.21	09.May.15~ 31.Dec.15
KEO INTERNATIONAL CONSULTYATNTS	QATAR UNIVERSITY ADMINISTRATION & SERVICES BUILDING	37,278.26	27.May.15~ 31.Aug.15
GULF EARTH MOVING	LAGOON AREA – NEW PORT PTOJECT, MESAIEED, QATAR	114,944.01	14.Jun.15~ 31.Oct.15
HYDER CONSULTING	AL DHAKIRA SEWAGE TREATMENT WORKS TRANSFER PUMPING STATION AND	234,744.95	23.Jun.15~ 31.Mar.16
J & P	NEW ORBITAL HIGHWAY & TRUCK ROUTE JUNCTION - 17	29,240.14	15.Jul.15~ 30.Sep.15

AMIRI FLIGHT FACILITIES	NDIA SITE INVESTIGATION WORKS	1,115,533.67	15.Aug.15~ 30.Apr.17
KATARA PROJECT	GEOTECHNICAL AND BATHYMETRIC SURVEY	17,0084.36	25.Jul.15~ 31.Dec.15
CAT BOOM	TRANSMISSION PIPELINE FOR MEGA RESERVOIRS	25,254.03	04.Aug.15~ 30.Nov.15
HYDER CONSULTING MIDDLE EAST	MEGA RESERVOIRS- GROUND INVESTIGATION	93,053.53	06.Aug.15~ 31.Jan.16
LARSEN & TOUBRO LIMITED	GEOTECHNICAL INVESTIGATION FOR LUSAIL WADI 66/11 KV SUBSTATION	49,383.49	13.Aug.15~ 30.Nov.16
AECOM	NEW ORBITAL HIGHWAY AND TRUCK ROUTE (PO23)	265,529.83	26.Aug.15~ 30.Nov.15
GEI CONSULTANTS	NATIONAL CENTER FOR CANCER CARE AND RESEARCH	128,252.91	03.Oct.15~ 31.Mar.16
LARSEN & TOUBRO LIMITED	QATAR POWER TRANSMISSION SYSTEM EXPANSION – PHASE 12 SUBSTATION	49,386.24	14.Sep.15~ 30.Apr.16
FOSTER & PARTNERS	PASSENGER TERMINAL COMPLEX EXPANSION AT NEW DOHA HIA	544,4691.98	15.Sep.15~ 31.Mar.17
BARADA CONTRACTING COMPANY		8,702.7	21.Sep.15~ 31.Dec.15
LARSEN & TOUBRO LIMITED	GEOPHYSICAL SURVEY WORKS FOR SUBSTATION FOR LUSAIL WADI	86,271.52	29.Sep.15~ 31.Dec.16
HYDER CONSULTING LIMITED	AL MAHA CENTER – HAMAD MEDICAL CORPOATION	10,3957.3	30.Sep.15~ 31.Mar.16
HALCROW	QATAR ACADEMY EXPANSION	11,0908.2	06.Oct.15~ 31.Mar.16
GSIC	AL BAYT STADIUM – AL KHOR CITY PACKAGE 2 & 4	192,074.54	15.Oct.15 ~ 30.Apr.16
QPMC	QUARRY DEVELOPMENT IN AL SAQAA	12,020.11	02.Nov.15 ~ 30.Jun.17
ISG IMPREGILO	RED LINE NORTH UNDERGROUND	109,644.68	05.Jul.15 ~ 31.Aug.15
CAPE EAST LIMITED	SOIL THERMAL RESISTIVITY TEST	41,668.05	03.Oct.15 ~ 31.Dec.15
SALINI IMPREGILO	ABU HAMOUR SURFACE & GROUND WATER DRAINAGE TUNNEL – PHASE 1	5,080.47	15.Jun.15 ~ 30.Nov.15
SAMSUNG C&T CORPORATION	ADDITIONAL SOIL INVESTIGATION UMM AL HOULM	14,159.39	03.Dec.15 ~ 31.Mar.16
H.E SHEIKH AHMED KHALIFA AL THANI	PROPOSED PRIVATE VILLA IN RAYYAN	5,025.54	31.Oct.15 ~ 31.Dec.15
BATEC CONTRACTING	PROPOSED RESIDENTIAL TOWER AT AL WAAB	2,746.2	02.Nov.15 ~ 31.Jan.16
MOHAMMED HASSAN MUBARAK AL BIN ALI	G+ 5 BUILDING IN UMM GHUWALINA	8,702.7	22.Dec.15 ~ 31.Mar.16
MOTT MACDONALD	UMM AL HOUL POWER IWPP	49,386.24	21.Sep.15~ 31.Dec.15
MWH	ASHGHAL PROJECT – GEOTECHNICAL INVESTIGATION WORK	290,984.33	21.Sep.15~ 31.Dec.15
MANNAI TRADING CO.	PROPOSED SHOWROOM, OFFICES & WAREHOUSE	5,492.39	16.Nov.15 ~ 29.Feb.16

Major Completed Projects and On-going Projects Laboratory (Qatar)

CLIENT	PROJECT	DETAILS	PERIOD
PARSONS INTERNATIONAL LIMITED	BEACH MAINTENANCE AND PROTECTION AT SEALINE BEACH RESORT	LABORATORY TESTING WORKS	2019
CCC & TEYSEER CONTRACTING WWLL JV	ON SITE AND OFF SITE LAB TESTING WORKS ON NORTH FIELD EXPANSION PROJECT	LABORATORY TESTING WORKS	2019 – ONGOING
HAMAD MEDICAL CORP. (HMC)	WATER TEST ANALYSIS OF HYDROTHERAPY POOLS FOR ONE YEAR	WATER TESTING	2019 – ONGOING
AL WAKEEL GROUP	PROJECT NORTH FIELD EXPANSION PROJECT (RASLFFAN)	LABORATORY TESTING WORKS	2019 – ONGOING
COOLTECH QATAR	WATER ANALYSIS	WATER ANALYSIS	2019 – ONGOING
CHINA HARBOUR ENG. CO. LTD	PROJECT CP02 & CP03 UMM ALHOUL SPECIAL ECONOMIC ZONE - LAB TESTING WORKS	LABORATORY TESTING WORKS	2019 - ONGOING
EXXONMOBIL	QUOTATION FOR ANALYSIS OF WATER, SEDIMENT, FISH & PLANTS	WATER ANALYSIS	2018 - ONGOING
LARSEN & TOUBRO LTD	SEWAGE SAMPLING FROM IASTW PHASE II A & IIB & ANALYSIS	SEWAGE SAMPLING	2018
NSH - NASSER S AL-HAJRI CO	SUBCONTRACT - THIRD PARTY LABORATORY SERVICES - CONTRACT NO. # NSH/CONTRACT/102/18 0 PROCUREMENT, INSTALLATION AND COMMISSIONING OF NEW WARE HOUSE AT ORYX GTL	THIRD PARTY LABORATORY WORKS	2018- ONGOING
MIDMAC CONTRACTING	QATAR ARMED FORCES - AMMUNITION STORES AT KARAAANAH - THIRD PARTY LABORATORY TESTING	THIRD PARTY LABORATORY WORKS	2018- ONGOING
UMM AL HOUL POWER CO	TRANSFORMER OIL ANALYSIS	TRANSFORMER OIL ANALYSIS	2018- ONGOING
UMM AL HOUL POWER CO	PROVISION OF LAB ANALYSIS	LABORATORY ANALYSIS	2018- ONGOING
EXXONMOBIL RESEARCH QATAR (EMRQ)	PRODUCED WATER ANALYSIS (QATAR SCIENTIFIC & TECHNOLOGY PARK - TECH 2	WATER ANALYSIS	2018
QATAR INTERNATIONAL SAFETY CENTER	WATER ANALYSIS	WATER ANALYSIS	2018
Q-CHEM	HAZARDOUS WASTE CHARACTERIZATION SERVICES FOR Q-CHEM AND Q-CHEM II FOR 3 YEARS ON CALL-OFF BASIS	HAZARDOUS WASTE CHARACTERIZATION	2018 - ONGOING
SUEZ INTERNATIONAL SAS	WATER ANALYSIS	WATER ANALYSIS	2018 - ONGOING
GHD	CLEANUPDREDGING PROJECT - SEA WATER & SEDIMENT ANALYSIS	SEA WATER & SEDIMENT ANALYSIS	2018 - ONGOING

RASLAFFAN OPERATING CO. WLL - ROC	POTABLE WATER - MONTHLY TESTING	POTABLE WATER TESTING	2018
MIDMAC	SHIELD 5 PROGRAM - THIRD PARTY LABORATORY	THIRD PARTY LABORATORY WORKS	2018 - ONGOING
QATAR PETROLEUM	TESTING OF ARMOUR ROCKS AT RLIC SERV ICE ORDER NO. OC18100500	TESTING OF ARMOUR ROCKS	2018
ROOTS ENERGY	CHEMICAL ANALYSIS OF POTABLE WATER	POTABLE WATER TESTING	2018 - ONGOING
QD-SBG	DUKHAN ROAD PROJECT EAST CONTRACT	LABORATORY TESTING WORKS	03-07-2017 - ONGOING
ORYX GTL LIMITED	CONTRACT # TS-WSO-031-16 CALL -OFF CONTRACT FOR ENVIRONMENTAL ANALYTICAL SERVICES	ENVIRONMENTAL ANALYTICAL SERVICES	01-04-2017 – ONGOING
AMANA QATAR CONTRACTING CO.	MANNAI HEAD QUARTERS BUILDING CONSTRUCTION AT SALWA INDUSTRIAL AREA	LABORATORY TESTING	24-01-2017 – ON GOING
GALFAR AL MISNAD	AL BAYT STADIUM PROJECT – AL KHOR CITY	NDT TECHNICIAN WITH INSTRUMENT FOR BACK FILLING WORKS - PO NO. 4100688010	03-01-2017 – ON GOING
BLACK CAT	GENERAL CONSTRUCTION WORKS FOR HELIUM 3 PROJECT - HE3 PROJECT	VARIOUS LABORATORY TESTING WORKS	20-01-2017 – ONGOING
KEPPEL SEGHERS	MONTHLY EFFLUENT WATER ANALYSIS CONTRACT NO. : 0220005_P_03_033_025	EFFLUENT WATER ANALYSIS	17-01-2017 - ONGOING
QATAR PRIMARY MATERIALS CO.	PO # 4700002766 KARANA – PROJECT – SAND TESTING	LABORATORY TESTING OF SAND @ KARANA	03-01-2017 – ONGOING
CCIC / TCC WLL JV	HAMAD INTERNATIONAL AIRPORT JET A-1 SUPPLY PROJECT , SUB CONTRACT AGREEMENT CCC-JSPP-SC-03A	ADDITIONAL LABORATORY TESTING WORKS	11-01-2017 – ONGOING
UCC-SACYR	RAZ BUFONTAS QEZ-1	LABORATORY TESTING WORKS	03-10-2016 - ONGOING
MWH	WASTE WATER SAMPLING AND ANALYSIS		
KEPPEL SEGHERS	QUARTERLY LABORATORY ANALYSIS	GROUND WATER SAMPLES	12-04-2016 -
DOLPHIN ENERGY	DOLPHIN PLANT, RASLAFFAN	GROUND WATER SAMPLING AND MONITORING	21-03-2016
OCCIDENTAL PETROLEUM	ANALYSIS OF POTABLE WATER	LABORATORY TESTING WORKS	21-03-2016
IDRIS SHP	IDRIS MTS -02	INDEPENDENT LABORATORY TESTING WORKS	29-11-2015
QATAR GAS	STC/C/SEQ/2120/15	LABORATORY ANALYSIS SERVICES ON CALL – OFF CALL BASIS FOR 5 YEARS	12-11-2015
AL JABER & PARTNERS	EW2 WORK & SITE GRADING UMALHOUL PO # AP/OP/150003611	EW2 WORK & SITE GRADING UMALHOUL	15-09-2015

AMWAJ CATERING SERVICES	POTABLE WATER SAMPLING	LABORATORY TESTING WORKS	19-08-2015
SINO HYDRO GROUP	DOHA EXPRESS WAY PACKAGE 6	LABORATORY TESING WORKS	29-06-2015
RAS GIRITAS	MATERIAL TESTING	LABORATORY TESING WORKS	21-06-2015
QATAR ENGINEERING	WO # A112BBMN/705/WO-2015-0108	GROUT & WATER TESTING	23-05-2015
QATAR BUILDING CO./MSF JV (QBC/MSF)	NPP/050	QENFB INFRASTRUCTURE AND UTILITY BUILDINGS – LABORATORY TESTING	23-05-2015 - ONGOING
DRAIEH CONTRACTING WLL	BURJ DAMAC WATER FRONT RES	LABORATORY TESTING WORKS	17-05-2016
SINOHYDRO –UCE	NPP-0057	LABORAOTRY TESTING WORKS	04-08-2015
LANE SOLID TADMUR	ROADS AND INFRASTRUCTURE IN WAKRAH, MMU Ph 2, PKG 14 (Package 1)	LABORAOTRY TESTING WORKS	07-04-2015 - ONGOING
AL HUDA ENG.	SCHOOLS AT EIN KHALID	LABORATORY TESTING WORKS	22-03-2015
MWH	WASTE WATER SAMPLING SURVEY	LABORATORY TESING WORKS	22-03-2016
QATAR ALUMINIUM	WATER COLLECTION & LEGIONELLA	LABORATORY TESING WORKS	24-02-2015
CHIYODA ALMANA ENGINEERING	WASTE WATER SAMPLING & ANALYSIS	LABORATORY TESING WORKS	12-01-2015
HBK	NPP0032	SITE LABORATORY ESTABLISHMENT WORKS	18-02-2015
QATAR KENTZ	THIRD PARTY CIVIL LABORATORY SERVICES	LABORATORY TESING WORKS	22-02-2015
CHINA HARBOUR	NPP – NAVY BASE PROJECTPROJECT	WATER ANALYSIS	08-12-2014
QDVC-GS E & C – AL DARWISH JV	QIRP – THIRD PARTY LABORATORY TESTING SERVICES RED LINE SOUTH	LABORATORY TESTING WORKS	24-06-2014 - ONGOING
ALYS JV	QIRP - GOLD LINE UNDER GROUND (RTC/040/2012)	GEOTECHNICAL INVESTIGATION INCLUDING LABORATORY TESTING	22-06-2014
AKTOR - FACILITY MANAGEMENT	WATER ANALYSIS	LABORATORY TESTING WORKING	15-06-2014
HYDER CONSULTING	NOISE MONITORING DOHA NORTH DN097, DN08, DN098	NOISE MONITORING	06-12-2014
ORYX GTL	CALL OF CONTRACT FOR ENVIRONMENTAL ANALYTICAL SERVICES	ENVIRONMENTAL TESTING	06-09-2014

ISG-IMPREGILO, SK-E&C-GALFAR AL MISNAND JV	DOHA METRO – REDLINE NORTH UNDERGROUND – GROUND WATER ANALYSIS	GROUND WATER ANALYSIS	25-05-2014
J & P	NEW DOHA PORT TO ORBITAL HIGHWAY (P023)	LABORATORY TESTING WORKS	25-05-2014 – On going
KEO INTERNATIONAL	TREATED SEWAGE EFFLUENT SAMPLING	LABORATORY TESTING WORKS	22-05-2014
ORYX GTL	CALL OFF SERVICE FOR ENVIRONMENTAL ANALYTICAL SERVICES FOR LABORATORY SECTION	LABORATORY TESTING WORKS	11-05-2014
RASGAS LTD	GROUND WATER ANALYSIS AND TCLP ANALYSIS	LABORATORY TESTING WORKS	24-04-2014
AL JABER ENGINEERING	RASGAS PROJECT	LABORATORY TESTING WORKS	01-03-2014
CARILLION QATAR LLC	ANALYSIS OF DRINKING WATER	WATER SAMPLE TESTING	23-02-2014
IMPREGILO	SAMPLING AND ANALYSIS OF WATER SAMPLES – 6400010469	WATER SAMPLE ANALYSIS	13-02-2014
QATAR SHELL	U137254 – PROVISION OF GROUND WATER SAMPLING & ANALYSIS	LABORATORY TESTING WORKS	04-02-2014
CH2M HILL INTERNATIONAL	DC-QOP-684C, WITH DOLPHIN ENERGY	WATER ANALYSIS AND SERVICE	26-01-2014
BOSKALIS WESTMINISTER EAST LTD	ENVIRONMENTAL MONTHLY MONITORING OF SEDIMENT & SEA WATER	LABORATORY TESTING WORKS	21-01-2014
MIDDLE EAST DREDGING CO. – MEDCO	NPP PROJECT – SITE LABORATORY FOR TESTING WORKS	LABORATORY TESTING WORKS	07-01-2014 - Ongoing
GULF DRILLING	PROVISION OF WATER ANALYSIS SERVICE – CALL ON BASIS	WATER ANALYSIS	31-12-2013 – On going
J & P	CONSTRUCTION OF WEST CORRIDOR P010 (PACKAGE 1)	LABORATORY TESTING WORKS	06-10-2013 – ON GOING
DOLPHIN ENERGY	CALL OFF EXTERNAL LABORATORY ANALYTICAL SERVICE	LABORATORY TESTING WORKS	23-08-2013 – completed
IMPREGILLO	CONSTRUCTION OF ABU HAMOUR SURFACE & GROUND WATER TUNNEL – PHASE 1	LABORATORY TESTING WORKS	01/07/2013 – completed
ANAS	QUALITY ASSURANCE / QUALITY CONTROL PAVEMENT CONSULTANCY FROM PUBLIC WORKS AUTHORITY	LABORATORY TESTING WORKS	26-06-2013 completed
CHINA HARBOUR	PORT BASIN AND BREAKWATER CONSTRUCTION – WATER QUALITY SAMPLING, TESTING AND REPORTING	SEA WATER ANALYSIS	23-06-2013 – completed
LARSEN & TOUBRO	DOHA SOUTH STW PROJECT PHASE 11 – LABORATORY TESTING WORKS	LABORATORY TESTING WORKS	26-06-2013 completed
SINOHYDRO GROUP LTD	SIDRA VILLAGE PROJECT – STAFF HOUSING FOR SIDRA, MEDICAL AND RESEARCH CENTRE – PACKAGE 2 – COMPACTION TESTING WORKS	COMPACTION TESTING WORKS	11-06-2013 – completed

RAS GIRTAS	POTABLE WATER ANALYSIS	POTABLE WATER ANALYSIS	11-06-2013 – completed
CONSOLIDATED CONTRACTORS GROUP	NEW PORT PROJECT – CONTAINER TERMINALS INFRASTRUCTURE AND UTILITY BUILDING – LABORATORY TESTING WORKS	LABORATORY TESTING WORKS – SITE LAB	04-06-2013 – completed
DORNIER CONSULTING	WELL WATER SAMPLING	LABORATORY TESTING WORKS	01/06/2013 – completed
QATAR GAS OPERATING	CALL OFF CONTRACT FOR LABORATORY SERVICE	LABORATORY TESTING WORKS	22-05-2013 – completed
SEA SHORE ENGINEERING	MAINTENANCE OF WASTE MANAGEMENT FACILITIES, RASLAFAN – ENVIRONMENTAL ANALYSIS, SOIL & GROUND WATER	ENVIRONMENTAL ANALYSIS	16-05-2013 – On going
GHD	GROUND WATER ANALYSIS	GROUND WATER ANALYSIS	15-05-2013 – completed
DOHA PETROLEUM (DOPET)	POTABLE WATER ANALYSIS	POTABLE WATER ANALYSIS	13-05-2013 completed
DEGREMONT	WASTE WATER TREATMENT PLANT – LUSAIL	WASTE WATER ANALYSIS	13-05-2013 – On going
URBACON GENERAL CONTRACTING	COAST GUARD PROJECTS, SUMAISMAL – WATER AND SEDIMENT QUALITY MONITORING	WATER AND SEDIMENT QUALITY MONITORING	17-04-2013 -Completed
TARGET ENGINEERING CONSTRUCTION CO.	RAF A2 DESALINATION PLANT – SEA WATER INTAKE PUMP HOUSE & OFFICE PIPE LINE WORKS – LABORATORY TESTING WORKS	LABORATORY TESTING WORKS	28-03-2013 completed
CONSOLIDATED CONTRACTORS GROUP	DUKHAN – HIGHWAY PROJECT (CENTRAL CONTRACT)	LABORATORY TESTING WORKS	27-03-2013 – completed
MIDMAC YUKSEL	LUSAIL DEVELOPMENT FOR PRIMARY INFRASTRUCTURE – PACKAGE 4	LABORATORY TESTING WORKS	18-03-2013 -Completed
SCHLUMBERGER	WATER ANALYSIS	WATER ANALYSIS	28-02-2013 completed
GULF CONTRACTING CO. WLL	PEARL GTL PROJECT RAS LAFFAN – PROJECT LABORATORY TESTING WORKS	LABORATORY TESTING WORKS	24-01-2013 – completed
MARUBENI	WATER SAMPLING AND ANALYSIS	WATER SAMPLING AND ANALYSIS	05-02-2013 – completed
SINOHYDRO-DOMOPAN JV	INDEPENDENT LABORATORY TESTING WORKS	LABORATORY TESTING WORKS	05-02-2013 – On going
DESCON ENGINEERING	PMP AND OTHER VARIOUS PROJECT	LABORATORY TESTING WORKS	10/01/ completed
JGC CORPORATION	POTABLE WATER, SOIL AND ENVIRONMENTAL ANALYSIS	LABORATORY TESTING WORKS	10/01/2013– completed
QDVC	LUSAIL CAR PARK	LABORATORY TESTING WORKS	05/01/2013 – completed
XYLEM WATER SOLUTION	DOHA SOUTH WWTP	WATER ANALYSIS	2013 – completed

PUNJ LLOYD	PLOYSILICON PLANT RASLAFFAN	LABORTORY TESTING WORKS	10/01/2012 completed
MEDGULF CONSTRUCTION	TEST FOR EARTH WORKS	SOIL TESTING	22/01/2012- completed
BOOM GENERAL CONSTRUCTION	PWA/GTC/011/08-09 – CONSTRUCTION AND MAINTTENANCE OF AL KHOR PARK	LABORATORY TESTING WORKS	29/01/2012 -Completed
CONSTRUCTION DEVELOPMENT COMPANY	P347/QATAR FOUNDATION OFFSITE WARE HOUSE AT INDUSTRIAL AREA	CONCRETE TESTING WORKS	15/02/2012 -Completed
MIDMAC CONTRACTING	CONSTRUCTION OF QF H.Q AND STRATEGIC STUDIES CENTRE	ANALYSIS OF POTABLE WATER	28/02/2012 - completed
QATAR GAS	QGII-CWO-CSP-1174-11 – SOIL SAMPLING WITHIN JETTY OFFICES	SOIL SAMPLING	08/03/2012 On completed
BUZWAIR ENGINEERING & CONTRACTING	PWA/GTC/073/2010/2011 ROAD IMPROVEMENT IN RAYYAN AREA – PHASE 2	SOIL SAMPLING	03/04/2012 -Completed
COWI	SAMPLING AND ANALYSIS FOR SOIL AND GROUND WATER	SOIL AND GROUND WATER SAMPLING	06/05/2012 -Completed
Q-CON	02-N2, PIPELINE BACKBONE IN RASLAFFAN	LABORATORY TESTING SERVICES	07/06/2012 completed
QATAR KENTZ	JETTY BOIL OFF-GAS PROJECT	LABORATORY TESTING WORKS PHYSICAL, CHEMICAL & CEMENT	17/06/201 completed
SINOHYDRO GROUP	KAHRAMA AWARENESS PARK PROJECT	LABORATORY TESTING WORKS	01/07/2012 completed
RAS GIRTAS	RGPC-LAB-002-2012 – LABORATORY TESTING WORKS	LABORATORY TESTING WORKS	18/07/2012 On completed
TECHNIP	FEASIBILITY STUDY & CONCEPT OPTIMIZATION – EFFLUENT TREATMENT PLANT	SPENT CAUSTIC SAMPLING AND ANALYSIS	19/07/201 -Completed
KEPPEL SEGHERS	DOHA NORTHSEWAGE TREATMENT WORKS CP-682/10	COMPACTION TESTING USING NUCLEAR DENSITY GAUGE	07/08/2012 On completed
SAMSUNG ENGINEERING	LAFFAN REFINERY DIESEL – HYDROTREATER PROJECT	PROVISIONOF CONCRETE QUALITY CONTROL ENGINEER	12/09/2012 -Completed
AL JABER TRANSPORT AND GENERAL CONTRACTING LLC	DOHA EXPRESSWAY (P012) AL MUNTAZA STREET EXTENSION PROJECT PACKAGE (13)	LABORATORY TESTING WORKS	21-12-2012 - ONGOING
KEPPEL SEGHERS	DOHA NORTH SEWAGE TREATMENT	THIRD PARTY LAB ANALYS	Jan 2011 completed
PARSONS	WASTEWATER ANALYSIS REQUIRED BY PUBLIC WATER AUTHORITY	WASTE WATER ANALYSIS	Jan 2011 – Feb 2011- Completed
HYDER CONSULTING	EXPANSION OF INDUSTRIAL AREA SEWERAGE TREATMENT FACILITY – SECOND PHASE	SLUDGE SAMPLING AND ANALYSIS	Jan 2011- March 2011- Completed
QATAR PETROCHEMICAL COMPANY	GROUND WATER SAMPLING AND ANALYSIS	LABORATORY TESTING WORKS	Feb 2011 – Nov 2011- Completed

REDCO INT'L	Burj marina	LABORATORY TESTING WORKS	Mar 2011 completed
HYDER CONSULTING	PACKAGE 24 – AL KHOR – AL THAKIRA	SOIL AND GROUND WATER SAMPLING	Apr 2011 - Oct 2011
DEGREMONT MARUBANI	DOHA WEST SEWAGE TREATMENT WORKS	WASTE WATER ANALYSIS	Apr – 2011 completed
QATAR GAS	SOIL SAMPLING AND ANALYSIS	SOIL SAMPLING AND ANALYSIS	Apr 2011 – completed
QATAR ALUMINIUM (QATALUM)	SEA WATER SAMPLING AND ANALYSIS	SEA WATER SAMPLING AND ANALYSIS	May 2011 - completed
QATAR SHELL GTL LTD	PEARL GTL	TEMPORARY LAB TESTING – CALL OFF SERVICE	May 2011 completed
QATAR SHELLGTL RESEARCH AND TECHNOLOGY CENTRE	TECHNOLOGY & SCIENCE PARK – QATAR FOUNDATION	ANALYSIS OF DESULPHURIZATION SOLUTION FOR HEAVY METALS	June 2011 completed
QATAR ENGINEERING AND CONSTRUCTION CO.	JETTY BOIL OF GAS RECOVERY	LABORATORY TESTING WORKS	June 2011 completed
DOLPHIN ENERGY	DOLPHIN PLANT RAS LAFFAN	GROUND WATER SAMPLING AND TESTING SERVICES	June 2011 On going
AL HUDA ENGINEERING	CONSTRUCTION OF SUPREME EDUCATION COUNCIL HEAD QUARTERS BUILDING	LABORATORY TESTING WORKS	Jul 2011 – completed
REDCO INT'L	QATAR AIRWAYS CREW ACCOMMODATION	SOIL SAMPLING AND LABORATORY TESTING WORKS	Jul 2011 -2012 - Completed
REDCO INT'L	DOHA LAND	LABORATORY TESTING WORKS	Jul 2011 On going
QATAR FERTILIZERS (QAFCO)	QAFCO – 5 PROJECT	RECLAIMED/DREDGED MATERIAL SAMPLING ANALYSIS	Jul 2011 -Completed
MIDMAC TARMAC	NDIA	LABORATORY TESTING WORKS	Aug 2011 completed
REDCO INT'L	5 SCHOOLS AROUND DOHA & VILLAGE	SOIL SAMPLING AND LABORATORY TESTING WORKS	Aug 2011 -Completed
TECHNITAL	BEACH DEVELOPMENT AT RAS USHAYRIQ PENINSULA	ENVIRONMENTAL TETING	Aug 2011 Oct 2011 -Completed
NASSER AL HAJRI	BARZAN ONSHORE FACILITIES	LABORATORY TESTING WORKS	Sep 2011 On going
WORELY PARSON	ENVIRONMENTAL IMPACT ASSESSMENT AT AL KARANA AND BIRKA	ENVIRONMENTAL TESTING	Oct 2011 Nov 2011-Completed
YUKSEL MIDMAC	DOHA EXPRESS – PACKAGE 7	NUCLEAR DENSITY	Nov 2011 -Completed
GALFAR AL MISNAD	CONCRETE CORING AT QATAR GAS BUILDING AT WEST BAY	CONCRETE CORING	Nov 2011 Dec 2011 -Completed

JGC CORPORATION	BARZAN ONSHORE PROJECT	SAMPLING AND ANALYSIS OF WATER	Nov 2011- completed
Q-CON	PLATEAU MAINTENANCE PROJECT	LABORATORY TESTING WORKS	Dec 2011 completed
TECHNITAL	DEVELOPMENT OF AL WAKRA JETTY	ENVIRONMENTAL TESTING	Dec 2011 completed
PUBLIC WORK AUTHORITY (ASHGHAL)	TENDER#AA/DOM/10-11M/1398	DRAINAGE NETWORKS ANALYSTICAL PROGRAMME	Jan 2011 completed
HYDER CONSULTING`	DA/07-08/D/025/1 – SECOND PHASE EXPANSION OF INDUSTRIAL AREA SEWERAGE TREATMENT FACILITY	EXPANSION OF INDUSTRIAL AREA SEWAGE TREATMENT FACILITY	Jan 2011 Feb 2011-- Completed
SINOHYDRO CORPORATION	NDIA – CP- 1 PROJECT – LUSAIL	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , STEEL AND ASPHALT TESTING	Year 2008 and Ongoing
HYUNDAI ENGINEERING	QAFCO 5 & QAFCO 6	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ASPHALT TESTING	July 2008 -Completed
J&P PARASKEVAIDES	MALE & FEMALE STUDENTS HOUSING AT QATAR FOUNDATION	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE TESTING	Nov 2010 -Completed
KETTANEH CONSTRUCTIONS	PLATEAU MAINTENANCE PROJECT ON SHORE FACILITIES RAS LAFFAN	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE TESTING	Nov 2011 completed
QATAR ENGINEERING CONSTRUCTION	Q3 99 – WASTE WATER DISPOSAL SURFACE FACILITIES	SOIL, AGGREGATE AND CONCRETE TESTING - CALL ON BASIS	Feb 2011 completed
QATAR CONSTRUCTION ENGINEERING	CONSTRUCTION OF OPERATOR SHELTER LIFTING STATION AND SEWER NETWORK – DOLPHIN	SOIL, AGGREGATE AND CONCRETE TESTING - CALL ON BASIS	Dec 2012 completed
QATAR ENGINEERING CONSTRUCTION	Q 356 – HALUL ISLAND	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND TESTING	Feb 2011 -Completed
QATAR ENGINEERING & CONSTRUCTION CO	QAFCO MELAMINE	SOIL, CONCRETE AND IN-SITU TESTING	Feb 2008 May 2011- -Completed
QATAR ENGINEERING & CONSTRUCTION CO	DOLPHIN	SOIL, CONCRETE AND IN-SITU TESTING	Apr 2008 May 2011-- Completed
QATAR ENGINEERING & CONSTRUCTION CO	INTERIM MODIFICATION	SOIL, CONCRETE AND IN-SITU TESTING	Aug 2010 – Feb 2011-- Completed
QATAR ENGINEERING & CONSTRUCTION CO	ORYX GTL	SOIL, CONCRETE AND IN-SITU TESTING	Sep 2010 – Mar 2011-- Completed
SUB SEA PROTECTION SYSTEM LLC	ARAMCO	CONCRETE TESTING	Mar 2011 – Oct 2011--Completed
MIDMAC CONTRACTING	NDIA CP 14- AIRSIDE & LAND SIDE ROAD WORKS	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ASPHALT TESTING	Feb 2006 -Completed
MIDMAC CONTRACTING	NDIA CP 28- PASSENGER TERMINAL - FOUNDATIONS	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ASPHALT TESTING	Aug 2007 – Sept 2009- Completed
CCIC	NDIA CP 17 – AIR TRAFFIC CONTROL SUPPORT & FACILITIES	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ASPHALT TESTING	Apr 2007 – Sep 2011- Completed

CCIC	NDIA CP 27 – MIDFIELD AREAS ACCES SYSTEM	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	October 2007 - completed
CCIC	NDIA – CP 96	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	Mar 2011 completed
CCIC	NDIA – CP 19	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	Mar 2011 completed
CCIC	NDIA- CP 95	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	Mar 2011 completed
CCIC	NDIA CP - 93	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	Mar 2011 completed
CCIC	NDIA CP - 76	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	Mar 2011 Completed
BILFINGER BERGER	BARWA CITY PHASE 1	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE , AND ACRHALT TESTING	Sep 2007 -Completed
REDCO INTERNATIONAL	BARWA CITY PROJECT	CONCRETE AND MATERIAL TESTING	Jan 2010 – completed
REDCO INTERNATIONAL	LUSAIL READYMIX	ONSITE LABORATORY FOR SOIL, AGGREGATE , AND CONCRETE TESTING	March 2010 Mar 2011-- Completed
REDCO INTERNATIONAL	12 NEW DEPARTURE GATE AT DIA	CONCRETE AND MATERIAL TESTING – CALL ON BASIS	March 2011 -Completed
REDCO INTERNATIONAL	SIMULATOR CENTRE (QATAR AIRWAYS)	CONCRETE AND MATERIAL TESTING – CALL ON BASIS	Jan 2011 -Completed
GALFAR AL MISNAD	CONSTRUCTION OF THE CULTURAL VILLAGE	CONCRETE, MATERIALS AND IN-SITU TESTING	Jan 2009 – April 2010- Completed
GALFAR AL MISNAD	CONSTRUCTION OF THE INFRASTRUCTURE FOR KATARA	CONCRETE, MATERIALS AND IN-SITU TESTING	July 2010 -Completed
GALFAR AL MISNAD	EPIC FOR PRODUCED WATER	CONCRETE, MATERIALS AND IN-SITU TESTING	Feb 2010 -Completed
RENCO QATAR	CP-35 AIR TRAFFIC & METEOROLOGICAL SPECIFIC EQUIPMENT	CONCRETE AND MATERIAL TESTING	Oct 2010 – Dec 2011 -- Completed
GCC / SELEX	CP-35	CONCRETE AND MATERIAL TESTING	March 2011 Dec 2011 -- Completed
DEGREMONT	DOHA WEST STP	SEWAGE WATER ANALYSIS	Jan 2009 On going
DEGREMONT	BARWA HOUSING PROJECT	SEWAGE WATER ANALYSIS	Mar 2010 Aug 2011--Completed
FIVE OCEANS – OMAN	ODC ENVIRONMENTAL MONITORING	ENVIRONMMNETAL ANALYSIS	Dec 2010 --Completed
GHD	75/10530/02 – CONSTRUCTION SITE	SOIL & WATER ANALYSIS	2011-Completed

QDVC	SHERATON CAR PARK	GROUND WATER ANALYSIS	Feb 2011 Jul 2011 --Completed
TCJV	PMP	DRINKING WATER ANALYSIS	Feb 2011 On going
ZOOM STEEL	MINING & EXPLORATORY WORKS -OMAN	CHEMICAL ANALYSIS OF ROCK	Jan 2010 – April 2010-- Completed
TECHNITAL	UPD/TAC/T/04/08-09	NOISE MONITORING & ECOLOGICAL SURVEY	Nov 2010 – May 2011-- Completed
ULTRA CONSTRUCTION	DOHA NORTH SEWAGE & ASSOCIATED WORKS	ENVIRONMETAL ANALYSIS	Sept 2009 – Oct 2011-- Completed
IBER DROLA	MESAIEED POWER PLANT	ENVIRONMENTAL SAMPLING & ANALYSIS	June 2008 – JUL 2010- Completed
NEW DOHA PORT PROJECT COMMITTEE	NEW DOHA PORT	ENVIRONMENTAL SAMPLING & ANALYSIS	March 2010- Mar 2011- Completed
HYDER CONSULTANTS	MMUP- CONCEPT DESIGN OF ROAD/INFRASTRUCTURE.	NOISE MONITORING	Dec2009 May 2010--Completed
HYDER CONSULTANTS	MMUP- CONCEPT DESIGN OF ROAD/INFRASTRUCTURE.	NOISE MONITORING	Sept 2008 Apr 2010-Completed
MIDMAC - TARMAC	DOHA INTERNATIONAL AIRPORT	ADDITIONAL 14 BAY APRONS AT DOHA INTERNATIONAL AIRPORT	Jan 2009 – Sept 2009 -- Completed
DANWAY QATAR	GTC/07/122/ED- SUB STATIONS AT DUKHAN OIL FIELDS	SOIL & IN-SITU TESTING OWRKS	June 2008 – Dec 2009-- Completed
ASCO	NAKHILAT SHIP REPAIR YARD, RAS LAFFAN	SOIL & IN-SITU TESTING OWRKS	Aug 2009 – Dec 2010- Completed
ASCO	EMERGENCY & SAFETY COLLEGE, RAS LAFFAN	SOIL & IN-SITU TESTING OWRKS	June 2009 -Completed
CCIC	CBCS – QATAR FOUNDATION	CONCRETE TESTING	Aug 2007 – Mar 2008- Completed
CHIYODA TECHNIP JOINT VENTURE – CTJV	QATAR GAS 3 & 4	POTABLE WATER SAMPLING AND ANALYSIS	June 2008 – Ongoing
COMPASS CATERING	QATALUM	SEWAGE WATER ANALYSIS	April 2008 – May 2010-- Completed
COMPASS CATERING	QATALUM PROJECT	POTABLE WATER ANALYSIS	April 2008 – May 2010-- Completed
COMPASS CATERING	QATAR SHELL GTL	POTABLE WATER ANALYSIS	March 2009 - Ongoing
COWI	QATALUM	GROUND WATER ANALYSIS	Aug 2008 – Mar 2011- Completed
CONSPEL QATAR	CHILLED WATER NETWORK AT PEARL QATAR	CHILLED WATER ANALYSIS	July 2010 - Ongoing

DESCON ENGINEERING	QATAR SHELL GTL	ALL TESTING WORKS INCLUDING ON-SITE LABORATORY	Sep 2008 – Feb 2011-- Completed
DOLPHIN ENERGY	GROUND WATER MONITORING WELLS	ENVIRONMENTAL ANALYSIS	Aug 2009 - Ongoing
GULF DRILLING	RIG – GULF4, AL ZUBARAH, ADL DOHA, GULF 3	POTABLE WATER AND SEWAGE WATER ANALYSIS	Aug 2008 – Ongoing
J&P PARASKEVAIDES	PEARL QATAR	SOIL AND AGGREGATE TESTING	Feb 2009 – Ongoing
J&P PARASKEVAIDES	CONSTRUCTION OF ADVANCE WORKS FOR THE CONVENTION CENTRE - QATAR FOUNDATION	ONSITE LABORATORY FOR SOIL, AGGREGATE , CONCRETE TESTING	Aug 2009 – Aug 2010- Completed
J&P PARASKEVAIDES	AL WAKRAH HOSPITAL	ASPHALT TESTING	Jun 2010 – May 2011
ITT WATER & WASTE WATER - UK	DOHA SOUTH STW	SAMPLING & ANALYSIS OF SEWAGE WATER	AUG 2010 – OCT 2010- Completed
JANDENUL DREDGING	GABBRO BERTH EXPENSION	ENVIRONMENTAL ANALYSIS	Aug 2009 – Feb 2010- Completed
JANDENUL DREDGING	GABBRO BERTH EXPENSION	SOIL AND AGGREGATE TESTING	Aug 2009 – Feb 2010- Completed
VEOLIA QATAR	DOHA SOUTH STW & INDUSTRIAL AREA STP	SAMPLING & ANALYSIS OF SEWAGE WATER	AUG 2009 – OCT 2010- Completed
KEPPEL SHEGERS	AL DHAKEERA SEWAGE TREATMENT PLANT	SEWAGE WATER ANALYSIS	Oct 2008 – Completed
KEPPEL SHEGERS	DOHA NORTH SEWAGE TREATMENT WORKS	SEWAGE WATER ANALYSIS	Oct 2008 – -Completed
METITO	AL KHOR STP	SEWAGE WATER ANALYSIS	Jun 2009 – Ongoing
METITO	DOHA WEST	SEWAGE WATER ANALYSIS	March 2010 Jun 2011- Completed
METITO	QATALUM WWTP	SEWAGE WATER ANALYSIS	Aug 2010 – Jun 2011- Completed
METITO	PEARL QATAR	SEWAGE WATER ANALYSIS	Dec 2009 – Jun 2011- Completed
QATAR ALUMINUM	QATALUM	SEA WATER AND WASTE WATER ANALYSIS	Jan 2010 --Completed
QATAR AIRWAYS	WATER ANALYSIS	POTABLE WATER ANALYSIS	Apr 2010 – Ongoing
QATAR SHELL GTL	PEARL GTL	WASTE WATER ANALYSIS	Dec 2009 – Oct 2011- Completed
QATAR KENTZ	RASLAFFAN	POTABLE WATER ANALYSIS	Jan 2009 – Ongoing

QATAR COOL	PEARL QATAR	CHILLED WATER ANALYSIS	Apr 2010 – Ongoing
QATAR COOL	WEST BAY DISTRICT COOLING	CHILLED WATER ANALYSIS	Apr 2010 – Ongoing
QATAR PETROLEUM	BASLINE SURVEY OF GROUND WATER MONITORING WELLS	ENVIRONMENTAL ANALYSIS	Jan 2010 – -Completed
QATAR VINYL COMPANY	MESAIEED	ENVIRONMENTAL ANALYSIS	Jul 2009 - Ongoing
REDCO GROUP	RAYYAN PALACE	SOIL AND IN-SITU TESTING	Apr 2010 – May 2011- Completed
SCHLUMBERGER	ASGHAL, VINCI	ENVIRONMENTAL ANALYSIS	Nov 2009 – Ongoing
STRABAG QATAR	QATAR SHELL PEARL GTL	CONCRETE AND MATERIAL TESTING	Jan 2008 – May 2010- Completed
SIX CONSTRUCT	SEWAGE TREATMENT PLANT	SEWAGE WATER SAMPLING AND ANALYSIS	Aug 2010 – Ongoing
SIX CONSTRUCT	RO PLANT	POTABLE WATER ANALYSIS	Aug 2010 – Ongoing
TRANSFIELD MANNAI	AL WOSAIL TOWER, QATAR FOUNDATION	POTABLE WATER ANALYSIS	Aug 2009 – Aug 2011- Completed
WAAGNERBIRO QATAR	ASGHAL	SEWAGE WATER SAMPLING AND ANALYSIS	Oct 2009 - Ongoing
TEKFEN	QATAR NORTH ROAD	CONCRETE TESTING	Jan 2008 – Jun 2009- Completed
GULF CEMENT CO	NEW CEMENT FACTORY, UMMBAB-FEASIBILITY STUDY.	CHEMICAL ANALYSIS ON LIMESTONE	Oct – Dec 2006-Completed
CCIC	RLX, RAS LAFFAN	GROUND WATER MONITORING	April 2006 –Feb 2011- Completed
JGC MIDDLE EAST	DOLPHIN, RAS LAFFAN	GROUND WATER MONITORING	Oct 2005 –Mar 2010- Completed
SYNOHYDRO GAMUDA	NEW DOHA INT’NATIONAL AIRPORT	ENVIRONMENTAL TESTING & POTABLE WATER ANALYSIS	April 2006 - -Completed
METITO	PROJECT; C705	ENVIRONMENTAL TESTING	Dec 2006 – -Completed
URS CORPORATION	ORYX GTL, RAS LAFFAN	ENVIRONMENTAL TESTING	Mar-06 Feb 2009-Completed
A.A. ENGINEERING	INDUSTRIAL AREA STW	SEWAGE WATER TESTING	Mar 2006 – Jun 2009- Completed
RUMAIIAH SERVICES	PUMPING STATIONS-DOHA	SEWAGE WATER TESTING	Sep 2005 – Sep 2006- Completed

QATAR DREDGING CO	NEW DOHA INTERNATIONAL AIRPORT	ENVIRONMENTAL TESTING	Jan 2005 – 2007 Completed
SATCO International	RAS LAFFAN	ENVIRONMENTAL TESTING ON SOIL & WATER	Aug 06 -Completed
BOSKALIS WESTMINSTER	RAS LAFFAN	ENVIRONMENTAL TESTING ON SOIL & WATER	Feb 2006 Jul 2009
MUSHRIF CONT.CO	DOHA WEST STW	MATERIALS AND IN-SITU TESTING	Sep 2006- Mar 2009-Completed
DESCON ENG.CO	OLEFIN PROJECT, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Jul 2006- Jul 2009
ALJABER ENERGY	COMMON SULPHUR, QATARGAS II, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Jun 2006- Feb 2009-Completed
FLUOR MIDDLE EAST	RAS GAS, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Sep2006- Apr 2009-Completed
NASSER AL HAJRI	RAS GAS, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Sep 2006- Mar 2009-Completed
NASSER AL HAJRI	QATARGAS SRU, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Sep 2006- Jan 2011-Completed
CDC/TAKENAKA	NEW INTERNATIONAL AIRPORT	SOIL, & CONCRETE TESTING	Sep 2006- Ongoing
MIDMAC	NEW INTERNATIONAL AIRPORT	SOIL, ASPHALT, CONCRETE AGGREGATE TESTING	Sep 2005 –Aug 2009-Completed
SIX CONSTRUCTION CO.	NEW INTERNATIONAL AIR PORT	CONCRETE TESTING	Aug 2005 - Nov 2006--Completed Completed
ITT INDUSTRIES	DOHA SOUTH SEWAGE WATER ANALYSIS	SEWAGE WATER TESTING	Jun - Jul 2005-Completed
ASHGHAL	AL DHAKIRA SEWAGE TREATMENT WORK	SEWAGE WATER TESTING	May - Jun 2005-Completed
NASSER AL HAJRI	DOLPHIN PROJECT, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Oct 2004 – Mar 2009-Completed
QATAR PETROLEUM	BASE LINE SURVEY OF GROUND WATER MONITORING WELLS AT MIC	GROUNDWATER SAMPLING AND LABORATORY TESTING.	Jul 2004 – Apr 2008-Completed
SIX CONSTRUCT	MUSEUM OF ISLAMIC ARTS	MATERIALS AND IN-SITU TESTING	Jan 2004 - Feb 2005-Completed
SIX CONSTRUCT / MIDMAC	KHALIFA STADIUM REDEVELOPMENT – PACKAGE 3 – WEST STAND	MATERIALS AND IN-SITU TESTING	Oct 2003 to Mar 2005-Completed
OVERSEAS BECHTEL INC.	NEW DOHA INTERNATIONAL AIRPORT PROJECT	SOIL AND WATER SAMPLING AND TESTING FOR VARIOUS CONTAMINANT SPECIES	Feb - Aug 2004-Completed
HYDER CONSULTING	DOHA WEST SEWAGE TREATMENT WORKS - FLOW SAMPLING AND LABORATORY TESTING	SEWAGE SAMPLING AND LABORATORY TESTING	Sep - Oct 2003-Completed

QAPCO	QATOFIN PROJECT, MESAIEED	SOIL AND WATER SAMPLING AND TESTING FOR VARIOUS CONTAMINANT SPECIES	Nov-03-Completed
AL BAIDA TECHNICAL SERVICES	DEEP WELL DRILLING PROJECTS, SW QATAR	HEAVY METAL ANALYSIS OF GROUND WATER SAMPLES	Jul-03-Completed
QP / MIC	NODCO REFINERY AREA, MESAIEED	ENVIRONMENTAL ANALYSIS – HEAVY METALS AND TPH	Apr-03-Completed
MMAA – DRAINAGE DEPARTMENT	GROUND WATER SAMPLING AND ANALYTICAL LABORATORY TESTING – PUMP STATIONS ENVIRONMENTAL IMPACT STUDY	GROUND WATER SAMPLING AND LABORATORY TESTING FOR VARIOUS	May-03-Completed
MMAA – DRAINAGE DEPARTMENT	CP-505 INDUSTRIAL AREA SEWERAGE	LABORATORY ANALYSIS OF SEWAGE SAMPLES	Feb-03-Completed
QATAR PETROLEUM	WOQOD BITUMEN STORAGE AND LOADING FACILITIES – MESAIEED	SOIL AND WATER SAMPLING AND TESTING FOR VARIOUS CONTAMINANT SPECIES	Jan-03-Completed
NITCO	AL KHOR SEWAGE TREATMENT WORKS	LABORATORY ANALYSIS OF SEWAGE SAMPLES	May - Sep 2002-Completed
MMAA – DRAINAGE DEPARTMENT	ABU HAMOUR SOUTHERN OUT FALL.	MARINE WATER, LAKE SURFACE WATER & SEDIMENT AND DISCHARGE WATER	Jun 2002 - Apr 2003-Completed
GULF HOUSING & CONST.	QATARGAS – DEBOTTLENECKING PROJECT, RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Jul 2002 – Jul 2005-Completed
GRANDI LAVORI FINCOSIT	LAND RECLAMATION IN LPG STORAGE AREA AT RAS LAFFAN	MATERIALS AND IN-SITU TESTING	Mar 2002 – May 2003-Completed
GRANDI LAVORI FINCOSIT	MULTI-PRODUCTS BERTH, MESAIEED	MATERIALS AND IN-SITU TESTING	Oct 2001 – Sep 2004-Completed
GRANDI LAVORI FINCOSIT	CRUSHED STONE FACILITY AT MESAIEED	MATERIALS AND IN-SITU TESTING	Oct 2001 - Aug 2004-Completed
GRANDI LAVORI FINCOSIT	RAS LAFFAN COMMON COOLING WATER PROJECT	MATERIALS AND IN-SITU TESTING	Jun 2002 - Nov 2003
CCIC	RAS LAFFAN COMMON COOLING WATER PROJECT	MATERIALS AND IN-SITU TESTING	Jun 2002 - Sep 2004-Completed
CCIC	RAS LAFFAN EXPANSION PROJECT	MATERIALS AND IN-SITU TESTING	Oct 2001 – 2004-Completed
J&P	IMMIGRATION & SALWA INTERCHANGES	MATERIALS AND IN-SITU TESTING	Apr 2003 – Sep 2004-Completed
CCIC	KHALIFA SPORTS HALL	MATERIALS AND IN-SITU TESTING	Sep 2003 – Aug 2005. - Completed
READINESS MANAGEMENT	U.S. AIRBASE, AL UDEID	ASPHALT AND CONCRETE TESTING WORKS	Apr - Jun 2002-Completed
INTERBETON	QAFCO – IV EXPANSION, MESAIEED	ALL TESTING WORKS INCLUDING ONSITE LABORATORY	May 2002 – May 2003-Completed
CCIC	QAFCO – IV EXPANSION, MESAIEED	ALL TESTING WORKS INCLUDING ONSITE LABORATORY	2002 – 2004-Completed

WSP INTERNATIONAL	RAS ABU ABOUD - EIA	SAMPLING AND ANALYSIS OF SOIL AND WATER FOR CONTAMINATION STUDY	Dec-02-Completed
QAPCO	GROUND WATER MONITORING WELLS	SAMPLING AND ANALYSIS OF SOIL AND WATER FOR CONTAMINATION STUDY	Feb-02-Completed
MECON / KHARAFI	SULPHUR RECOVERY EXPANSION	LAB AND FIELD TESTING OF SOIL, CONCRETE & AGGREGATE	2001 – 2002-Completed
ERM / LAHMYER	RAS ABU FONTAS, SAILIYAH, WAJBAH AND DOHA SOUTH – EIA	SAMPLING AND ANALYSIS OF SOIL AND WATER FOR CONTAMINATION STUDY	Sep-01-Completed
HYDER CONSULTING	DOHA SOUTH SEWAGE TREATMENT WORKS – FLOW SAMPLING & LABORATORY TESTING	SEWAGE SAMPLING & LABORATORY TESTING	Jul-01-Completed
TECHNIP	ALBA, BAHRAIN	ALL TESTING WORKS INCLUDING ONSITE LABORATORY	1999 – 2001-Completed
LG ENGINEERING	NODCO REFINERY EXPANSION, MESAIEED	ALL TESTING WORKS INCLUDING ONSITE LABORATORY	1999 – 2001-Completed
QAFCO	QAFCO – IV CONTAMINATED LAND INVESTIGATION	SAMPLING AND ANALYSIS OF SOIL AND WATER FOR CONTAMINATION STUDY	May-00-Completed
DAMES & MOORE	NGL-4 BASE CASE, NGL-3 AND NGL TANK FARM – ENVIRONMENTAL IMPACT ASSESSMENT	SAMPLING AND ANALYSIS OF SOIL AND WATER FOR CONTAMINATION STUDY	Aug-99-Completed
MIDMAC CONTRACTING CO	QAFCO – III EXPANSION, MESAIEED	LAB AND FIELD TESTING OF SOIL, CONCRETE & AGGREGATE	1996 – 1998-Completed
TOYO ENGINEERING	QATAR GAS UPSTREAM PROJECT, RAS LAFFAN	ALL TESTING WORKS INCLUDING ONSITE LABORATORY	1995 – 1998-Completed
TAYLOR WOODROW	QATAR FLOUR MILL, DOHA	LAB AND FIELD TESTING OF SOIL, CONCRETE & AGGREGATE	1995 - 1997-Completed
CHIYODA CORPORATION	QATAR GAS LNG PROJECT, RAS LAS LAFFAN	CONCRETE TESTING	1994 - 1996-Completed