



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:*

***Global Proficiency Testing Company***  
***Office 1410, Falcon Towers B1, Ajman, United Arab Emirates***  
***Roshan Din Plaza, Soan Garden, Islamabad, Pakistan***

*and hereby declares that the Organization is accredited in accordance with  
the recognized International Standard:*

**ISO/IEC 17043:2023**

Whereby, technical competence has been confirmed for the associated scope supplement as a:

***Proficiency Testing Provider***  
***(As detailed in the supplement)***

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen  
President

*Initial Accreditation Date:*

January 03, 2024

*Issue Date:*

March 02, 2026

*Expiration Date:*

June 30, 2028

*Accreditation No.:*

124274

*Certificate No.:*

L26-178

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*The validity of this certificate is maintained through ongoing assessments based  
on a continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjlab.com](http://www.pjlab.com)*



## Certificate of Accreditation: Supplement

### Global Proficiency Testing Company

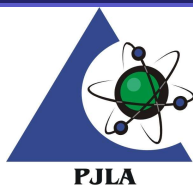
Office 1410, Falcon Towers B1, Ajman, United Arab Emirates

Soan Garden, Islamabad, Pakistan

Contact Name: Zahid Mahmood Phone: +97-150-437-2037

*Accreditation is granted to the facility to perform the following conformity assessment activities:*

| FIELD OF PT SCHEME | PT ITEM TYPE                                                                                                                                                                                                                                                                                                                                 | MEASURAND(S) OR CHARACTERISTIC(S) OR WHERE APPROPRIATE THE TYPE OF MEASURAND(S) OR CHARACTERISTIC(S) THAT ARE TO BE IDENTIFIED, MEASURED OR TESTED | TECHNIQUES FOR DETERMINATION OF THE ASSIGNED VALUE AND ITS UNCERTAINTY | FLEX CODE | LOCATION OF ACTIVITY |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------------------|
| Calibration        | Weights (As Per OIML Classification)                                                                                                                                                                                                                                                                                                         | Conventional Mass                                                                                                                                  | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Electrical Balances / Weighing Scales                                                                                                                                                                                                                                                                                                        | Mass                                                                                                                                               | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Torque Wrench, Torque Transducers, Torque Screw Drivers, Load Cells, Force Measuring Machines, Proving Rings, Compression / Tensile Machines.                                                                                                                                                                                                | Force                                                                                                                                              | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Digital Calipers, Digital Micrometers (Inside & Outside), Gauge Blocks, Height Gauges, Dial Gauge, Feeler Gauge, Steel Ruler, Measuring Tape, Profile Projectors, Angle Meters, Depth Gauge, Bore Gauge, Go No Go Gauge, Screw Gauge, Sieves, Compaction Moulds, Slump Test Apparatus, Rammers, Glassware, Straight Edge, Holiday Detector., | Linear Measurement & Displacement                                                                                                                  | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Liquid In Glass Thermometers, Thermocouples, Resistance Thermometer, Digital & Infrared Thermometer, Dew Point, Digital Hygrometer, Drying Oven, Chiller, Refrigerator, Freezer, Water Bath, Hot Plate, Furnace, Temperature Transmitter.                                                                                                    | Temperature °c & Humidity %                                                                                                                        | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |



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| Calibration        | Tachometer, Los Angeles Machine, Anemometer, Centrifuge                                                                                                                                                                                                                   | Speed                                                                                                                                              | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Ac/Dc Voltage, Current, Resistance, Inductance, Capacitance, Power & Frequency Measurement Instruments, Multi-Meters, Power Supplies, Temperature Simulation, Clamp Meters, Insulation Tester, Gauss Meter, Power & Energy Meter, Earth Resistance Tester, Power Analyzer | Electricity and Magnetism                                                                                                                          | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Hydraulic/Pneumatic Pressure Gauges, Positive, Negative and Differential Pressure Measurement, Liquids and Gases-Pressure Gauges, Dead Weight Testers, Vacuum Pressure Gauge, Bp Apparatus, Pressure Recorder, Air Meter, Pressure Chart Recorders, Autoclaves            | Pressure                                                                                                                                           | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Coating Thickness Gauges, Ultrasonic Thickness Gauges, Manometers                                                                                                                                                                                                         | Thickness Measurement                                                                                                                              | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Ph/Conductivity Meters                                                                                                                                                                                                                                                    | Ph & Conductivity Value                                                                                                                            | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration        | Chronometers, Stop Watches, Timers, Oscilloscope, Counters                                                                                                                                                                                                                | Time & Frequency                                                                                                                                   | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |



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| Calibration                   | Digital / Manual Micro Pipette, Laboratory Glassware, Flasks, Graduated Cylinder, Pipette, Burette, Pycnometer | Volume                                                                                                                                             | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Sound Level Meters, Vibration Meter, Vibrating Tables                                                          | Sound & Vibrations                                                                                                                                 | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Dynamic and Kinematic Viscometers, Capillary Viscometers                                                       | Viscosity                                                                                                                                          | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Mass Flow Meters, Volume Flow Meters, Gas Flow Meters, Water Meters, Liquid Meters, Anemometry, Rota Meter     | Flow                                                                                                                                               | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Density Meters, Hydrometers                                                                                    | Density Measurements                                                                                                                               | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Hardness Testers                                                                                               | Hardness                                                                                                                                           | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Lux /Light Meters, Uv Meters, Optical Comparators                                                              | Optical                                                                                                                                            | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Calibration                   | Multi Gas Detectors                                                                                            | Gas Detector                                                                                                                                       | Results from One Laboratory (Reference Laboratory)                     | F0        | F                    |
| Construction Material Testing | Soil                                                                                                           | Determination of Dry Density/Moisture Content Relationship                                                                                         | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Soil                                                                                                           | Standard Test Method For Sand Equivalent Value of Soils and Fine Aggregate                                                                         | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Soil                                                                                                           | Determination of Liquid Limit, Plastic Limit and Plasticity Index                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Soil                                                                                                           | Determination of Particle Size Distribution                                                                                                        | Consensus Value from Participant Results                               | F0        | F                    |



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| Construction Material Testing                              | Soil         | Particle Size Distribution By Hydrometer Method                                                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Determination of California Bearing Ratio (Cbr)                                                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Plate Load Test                                                                                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Point Load Test                                                                                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | In-Situ Density Test                                                                                                                                                                         | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Water (Moisture) Content of Soil and Rock By Mass                                                                                                                                            | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Soil Resistivity Using The Wenner Four-Electrode Method                                                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Thermal Resistivity Measurements                                                                                                                                                             | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | In-Situ California Bearing Ration (Cbr)                                                                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing / Geotechnical Investigation | Soil         | Unconfined Compressive Strength /Rock, Shear Properties, Consolidation Properties, Triaxial Compression Tests, Standard Penetration Test Spt Test and Split Barrel Sampling, Electrical Cpt. | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Sulphate Content, Chloride Content, and Ph Value of Soi L(Water & Acid Soluble)                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Carbonate Content of Soil                                                                                                                                                                    | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Heavy Metals In Soil                                                                                                                                                                         | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing                              | Soil         | Organic Matter Content of Soil                                                                                                                                                               | Consensus Value from Participant Results                               | F0        | F                    |



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| Construction Material Testing | Soil         | Relative Density (Specific Gravity) of Soil                                                                                                        | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Relative Density (Specific Gravity) and Absorption of Coarse and Fine Aggregate                                                                    | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Material Finer Than 75 Um Sieves.                                                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Soundness of Aggregates                                                                                                                            | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Los Angeles Abrasion Test                                                                                                                          | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Flakiness and Elongation Index of Aggregates.                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Ten Percent Fine Value of Aggregates (Dry & Soaked)                                                                                                | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Aggregate Impact Value                                                                                                                             | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Aggregate Crushing Value                                                                                                                           | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Clay Lumps and Friable Particles                                                                                                                   | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Shell Content-Percentage of Shells In Coarse Aggregates                                                                                            | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Clay Lumps and Friable Particle                                                                                                                    | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Particle Size Distribution (Wet & Dry Sieving)                                                                                                     | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Water Absorption of Aggregate                                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Aggregate    | Heavy Metals In Aggregate                                                                                                                          | Consensus Value from Participant Results                               | F0        | F                    |



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| Construction Material Testing | Aggregate    | Sulphate & Chloride Content of Aggregates (Acid Extract)                                                                                           | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Density & Compressive Strength of Concrete Cubes                                                                                                   | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Compressive Strength of Cylinder/Core Concrete                                                                                                     | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Water Absorption On Hardened Concrete                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Initial Surface Absorption of Concrete                                                                                                             | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Rapid Chloride Penetration (Rcp) Test of Concrete                                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Depth of Penetration of Water Under Pressure/ Determination of Water Permeability                                                                  | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Dimension & Comp. Strength of Paving Blocks                                                                                                        | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Dimension & Comp. Strength of Masonry Blocks                                                                                                       | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Sulphate & Chloride Content of Concrete                                                                                                            | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Concrete     | Pull Out Testing                                                                                                                                   | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Ground Water | Chloride, Sulphate, Ph and Conductivity Water                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures                                                                     | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Bulk Specific Gravity and Density of Compacted Bituminous Mixtures                                                                                 | Consensus Value from Participant Results                               | F0        | F                    |



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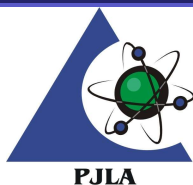
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| Construction Material Testing | Asphalt      | Asphalt Mixture Specimens Using Marshall Apparatus, Marshall Stability and Flow of Asphalt Mixtures                                                | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Ductility of Bituminous & Asphalt Materials.                                                                                                       | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Softening Point of Bitumen.                                                                                                                        | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Bitumen / Binder Content In Asphalt Mix.                                                                                                           | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Flash Point and Fire Point Test                                                                                                                    | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Asphalt      | Determination of Rate of Spray Prime Coat / Tack Coat.                                                                                             | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Consistency and Setting Time of Cement                                                                                                             | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Flexural & Compressive Strength of Cement (3, 7 & 28 Days)                                                                                         | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Soundness (A) Le-Chatlier Expansion, (B) Autoclave Expansion                                                                                       | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Setting Time (Initial & Final)                                                                                                                     | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Fineness (Blain Apparatus)                                                                                                                         | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Chemical Analysis of Cement Type & Cement Content                                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Cement       | Chemical Analysis of Total Silica                                                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |



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| Construction Material Testing | Steel/ Metallurgy         | Mechanical Properties of Steel Rebar. Mass Per Meter Length (Kg/M), Deviation from Nominal Mass Per Meter (%), Yield Strength (Re), Tensile Strength (Rm), Total Elongation At Max Force (Agt) | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/ Metallurgy         | Chemical Composition & Cev of Steel Using Oes Method<br>Carbon, Manganese, Chromium, Molybdenum Vanadium Nickel Copper Sulphur Phosphorus Nitrogen, Carbon Equivalent Value                    | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/Metallurgy          | Vickers Hardness Test                                                                                                                                                                          | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/Metallurgy          | Rockwell Hardness Test (Hrc & Hrb)                                                                                                                                                             | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/ Metallurgy         | Brinell Hardness Test                                                                                                                                                                          | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/Metallurgy          | Standard Test Methods For Notched Bar Impact Testing of Metallic Materials                                                                                                                     | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/Metallurgy          | Bend Test and Re-Bend Test of Steel Rebars                                                                                                                                                     | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Steel/Metallurgy          | Load Test On Gully Tops and Manhole Cover Test                                                                                                                                                 | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Tiles Adhesives & Grouts  | Open Time, Tensile Adhesion Strength,                                                                                                                                                          | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Ceramic Tiles             | Modulus of Rupture, Water Absorption, Dimensions, Rectangularity and Surface Flatness, Thickness                                                                                               | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Water- Proofing Membranes | Puncture Strength & Mass Per Unit Area, Tensile, Elongation & Thickness Water Impermeability Test. Crack Bridging Ability                                                                      | Consensus Value from Participant Results                               | F0        | F                    |



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| Construction Material Testing | Paints                                                                          | Voc Content of Paints and Related Materials, Determination of Formaldehyde Content Pull off Testing, Heavy Metal Analysis                                                                                                                                       | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Rubber                                                                          | Durometer Hardness of Rubber – Shore A & Shore D Hardness Test                                                                                                                                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Plastic                                                                         | Tensile and Elongation of Rubber / Plastic                                                                                                                                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Geotextile and Fabrics                                                          | Tensile Tear Strength, Index Puncture, Tensile & Elongation of Geotextile, Grab Strength and Elongation, Unit Mass and Thickness Under 2 Kpa of Geotextile, Cbr Puncture Strength                                                                               | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Non-Destructive Testing                                                         | Rebound Hammer Test, Ultrasonic Pulse Velocity, Cover Meter For Concrete, Half-Cell Potential Test, Magnetic Particle Testing (Mpi), Radiographic Testing (Rt), Eddy Current Testing (Et), Ultrasonic Thickness, Pile Integrity, Cross-Hole Sonic Logging Test. | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Precious Metals & Stones                                                        | Gold, Diamond and Others- Chemical & Physical Properties, Qualitative & Quantitative                                                                                                                                                                            | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Wood                                                                            | Chemical & Physical Properties, Qualitative & Quantitative                                                                                                                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Textile & Fiber                                                                 | Chemical & Physical Properties, Qualitative & Quantitative                                                                                                                                                                                                      | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Glass Testing                                                                   | U Value, Solar Reflective Index, Solar Heat Gain, Light Reflectance, Transmittance and Other Tests                                                                                                                                                              | Consensus Value from Participant Results                               | F0        | F                    |
| Construction Material Testing | Building Partitions, Doors, Windows, Shutters and Elements of Building Hardware | Resistance To Fire Testing Integrity, Insulation and Radiation                                                                                                                                                                                                  | Consensus Value from Participant Results                               | F0        | F                    |



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| Construction Material Testing | Building Products and General Materials | Reaction To Fire Testing, Ignitability of Products Subjected To Direct Impingement of Flame, Single-Flame Source Test, Burning Behavior Using A Radiant Heat Source, Gross Heat of Combustion (Calorific Value), Ignition Temperatures of Plastics, Non-Combustibility Test, Building Products Excluding Floorings Exposed To The Thermal Attack By A Single Burning Item | Consensus Value from Participant Results                               | F0        | F                    |
| Microbiological Testing       | Air                                     | Qualitative and Quantitative: - E Coli, T. Coliform, Staphylococcus Aureus, Fecal Streptococci, Legionella Spp, Vibrio. Parahaemolyticus, Tbc, Total Aerobic Mesophile Count, Yeast & Mould, Tvc-Total Viable Count, Air Borne Contamination                                                                                                                              | Certified Reference Materials                                          | F0        | F                    |
| Microbiological Testing       | Water                                   | Qualitative and Quantitative: - Legionella Spp, Tbc, Total Coliform, Fecal Coliforms, E. Coli, Fecal Streptococci, Clostridium Perfringens, Pseudomonas Aeruginosa, Salmonella Spp, Nematode((Helminth), Campylobacter, Listeria Monocytogene, Sulphate Reducing Bacteria, Yeast & Moulds, Staphylococcus Aureus, Enterococci                                             | Certified Reference Materials                                          | F0        | F                    |



## Certificate of Accreditation: Supplement

### Global Proficiency Testing Company

Office 1410, Falcon Towers B1, Ajman, United Arab Emirates

Soan Garden, Islamabad, Pakistan

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|-------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------------------|
| Microbiological Testing | Food & Feed  | Qualitative and Quantitative: - Listeria Monocytogenes, Listeria Spp, Polymerase Chain Reaction (Pcr)Milk, Tbc, E. Coli, Ecoli0157-H7, Staphylococcus Aureus, Enterobacteriaceae, Fecal Streptococci, Fecal. Coliform, Total. Coliform, Bacillus Cereus, Salmonella Spp, Clostridium Perfringens, Pseudomonas. Aeruginosa, Yeast & Mould, Lactic Acid Bacteria, Vibrio Parahaemolyticus, Vibrio Cholerae, Shigella Spp, Campylobacter Spp, Mesophilic Spore Count (30 Deg), Candida Count, Clostridium Botulinum, Crono Bacteria Spp (Milk), Sulfite Reducing Bacterial Count, Thermophilic Acidophilic Bacteria, Gmo | Certified Reference Materials                                          | F0        | F                    |
| Microbiological Testing | Swab         | Qualitative and Quantitative: - Clostridium Perfringens, Staphylococcus Aureus, Salmonella Spp, Bacillus Cereus, E-Coli, E Coli 0157, Tbc, Enterobacteriaceae, Fecal. Streptococcus, Pseudomonas Spp, Yeast & Moulds, Vibrio Parahaemolyticus, Listeria Spp, Listeria Monocytogenus, Pseudomonas Aeruginosa, Tbc, Total Coliform, Mesophilic Organism, Cronobacter Spp                                                                                                                                                                                                                                                | Certified Reference Material                                           | F0        | F                    |



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|-------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------------------|
| Microbiological Testing | Cosmetics                                                                           | Qualitative and Quantitative: - Tbc, Yeast & Moulds, Pseudomonas. Aeruginosa, Staphylococcus Aureus, Enterobacteriaceae, E-Coli, Aerobic Mesophilic Bacteria, Lard & Lard Derivatives, Antimicrobial Susceptibility Testing, Candida Albicans                                                                                      | Certified Reference Materials                                          | F0        | F                    |
| Microbiological Testing | Soil                                                                                | Qualitative and Quantitative: - Tbc, Total Coliform, E-Coli, Fecal Coliform, Yeast & Mould, Actinomycetes, Pseudomonas Aeruginosa                                                                                                                                                                                                  | Certified Reference Materials                                          | F0        | F                    |
| Environmental Testing   | Waste Water, Drinking Water, Ground Water, Marine Water, Soil, Sludge and Sediments | Metals: - Arsenic (As), Barium (Ba), Beryllium (Be), Boron (B), Cadmium (Cd), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Magnesium (Mg), Mercury (Hg), Molybdenum (Mo), Nickel (Ni), Selenium (Se), Silver (Ag), Sodium (Na), Zinc (Zn), Chloride (Cl), Sulphate as So <sub>4</sub> , Aluminum (Al), Potassium | Certified Reference Materials / Consensus of Participant's Results     | F0        | F                    |



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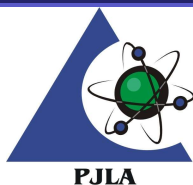
Office 1410, Falcon Towers B1, Ajman, United Arab Emirates

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|-----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------------------|
| Environmental Testing | Waste Water, Drinking Water, Ground Water, Marine Water, Soil, Sludge and Sediments | Physio-Chemical Testing<br>Alkalinity As $\text{CaCO}_3$ , Chloride, Conductivity, Fluoride, Potassium, Sodium, Total Dissolved Solids, Total Solids, Total Suspended Solid, Suspended Solid (Ss), Nitrate, Nitrite, Calcium, Calcium Hardness, Turbidity, BOD, COD, CBOD, Toc, Chlorine-Residual, Cyanides (Cn), Detergents, Ammonia, Nitrogen Ammonia, Bromine, Nitrogen Organic (Kjeldahl), Nitrogen Total, Oil & Grease (Emulsified), Oil & Grease (Free Oil), Ph Value of Water@25 Deg, Pesticides Non-Chlorinated, Phenols, Phosphorus(P), Sulphate Total, Sulfides (S), Surfactants, Carbonate, Bicarbonate ( $\text{HCO}_3$ ), Bicarbonate Alkalinity, Carbonate Alkalinity, Carbonate Hardness, Chlorine Free, Chlorine Total, Cyanide Free, Cyanide Total, Dissolved Orthophosphate, Dissolved Ortho Phosphorous, Hydroxide Alkalinity, Iron – Suspended, Iron – Total, Iron- Dissolved, Magnesium Hardness, Nitrate – Nitrogen, Silica, Bromide, Bromate, Phosphate, Fluoride, Tin(Sn) | Certified Reference Materials / Consensus of Participant's Results     | F0        | F                    |
| Environmental Testing | Swimming Pool Water                                                                 | Free Chlorine, Bromine, Ph, Total Alkalinity, Calcium Hardness, Saturation Index, Cyanuric Acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Certified Reference Materials / Consensus of Participant's Results     | F0        | F                    |
| Environmental Testing | Food                                                                                | Heavy Metals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Certified Reference Materials                                          | F0        | F                    |
| Environmental Testing | Cosmetics                                                                           | Heavy Metals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Certified Reference Materials / Consensus of Participant's Results     | F0        | F                    |



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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|----------------------|
| Environmental Testing | Ambient Air, Indoor Air and Air Pollutants.                                                                                                                                                          | Air Quality, Chemical and Physical Properties, Qualitative and Quantitative                                                                                                                                                   | Results from Reference Lab / Consensus of Participant's Results        | F0        | F                    |
| Environmental Testing | Fixed Air Quality Monitoring Stations                                                                                                                                                                | Air Quality, Chemical and Physical Properties, Qualitative and Quantitative Analysis                                                                                                                                          | Use of Certified Reference Materials                                   | F0        | F                    |
| Environmental Testing | Soil and Organic Debris/Ash - For All Types (For Residential, Agricultural, Industrial Use and Others)                                                                                               | Chemical and Physical Properties, Qualitative and Quantitative, Forensic Studies For Explosives, Hydrocarbons Or Ignitable Liquid Residues (Ils), Pesticides Analysis, Toc/Tn, Pahs Analysis, Inorganic Content Determination | Certified Reference Materials / Consensus of Participant's Results     | F0        | F                    |
| Environmental Testing | Stack Emissions                                                                                                                                                                                      | Chemical and Physical Properties, Qualitative and Quantitative                                                                                                                                                                | Consensus of Participant's Results                                     | F0        | F                    |
| Environmental Testing | Metrological Measurements of Indoor and Ambient Environments                                                                                                                                         | Lux Monitoring, Noise, Vibration Measurements                                                                                                                                                                                 | Consensus of Participant's Results                                     | F0        | F                    |
| Food & Feed           | Edible Oil & Fats, Cereal, Milk, Dairy Products, Feed, Fruit, Spices, Meat, Nuts, Oil, Beverage, Jams, Honey, Canned Goods, Herbs, Vegetables, Infant Food, Alcohol and Non-Alcohol Drink and Others | Chemical and Physical Properties, Qualitative and Quantitative, Including Halal Compliance and Pesticides Analysis, Mycotoxins Analysis.                                                                                      | Certified Reference Materials / Consensus of Participant's Results     | F0        | F                    |
| Chemical              | Diesel Fuel<br>Jet Fuel<br>Lubricating Oil                                                                                                                                                           | Cetane Index, Ash Content, Viscosity @40° C, Color, Density @ 15°C, Distillation, Flash Point, Pour Point, Sulfur Content, Kinematic Viscosity                                                                                | Consensus Value from Participant Results                               | F0        | F                    |
| Inspections           | Elevator, Escalator, -Lifting Equipment & Lifting Accessories, Pressure Vessels, Tanks.                                                                                                              | Image Analyses, Results Interpretations, Qualitative and Quantitative Interpretation, Product Evaluation, Risk Evaluation, Type of Defects, Comparative Inspection Analysis.                                                  | Results from One Lab (Reference Inspection Body)                       | F0        | F                    |



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#### 1. Location of activity:

##### Location Code

F

##### Location

Conformity assessment activity is performed at the CAB's fixed facility

#### 2. Flex Codes:

F0: Fixed scope item. No deviations allowed to the line item as identified.

F1: The PTP has the ability to introduce a new compound/component/analyte for an accredited scheme.

F2: The PTP has the ability to introduce a new product of similar composition of an artifact used for an accredited scheme.

