

**MATERIALS ENGINEERING DIRECTORATE**  
**LIST OF APPROVED INDEPENDENT MATERIALS TESTING LABORATORIES**  
**as of 30<sup>th</sup> November 2022**

	Name of Laboratory	Approval Given for Testing Services on	TCR No.	TCR Issue Date	Valid Until
1	Al Hoty Analytical Services (Bahrain)	Chemistry – Water and Waste Water (APHA, US EPA and HACH) Microbiology – Water and Waste Water ((APHA, ISO, WHO and US EPA) Environment (US EPA and OSHA) Soil (BS and ASTM) Concrete and Masonry (BS, BS EN, ASTM, ACI, BRE and DIN) Piles (ASTM) Rock and Aggregate (ASTM, BS and BS EN) Asphalt and Bitumen (ASTM) Tiles (BS EN ISO) Cement, Fly Ash and Microsilica (ASTM, BS EN and GSO) Steel and Alloys (ASTM, BS, BS EN, EN ISO) Paint (ASTM, BS, BS EN, BS EN ISO and EN ISO) Non-Destructive Testing – Conventional and Advanced (API and ASME BPVC) Heat Treatment Tests (ASME BPVC) Geotextile (EN ISO)	5003/2021	27/11/2022	27/11/2023
2	Al Hoty Stanger Ltd. Co. (Saudi Arabia)	Aggregates and Soil Testing – Mechanical/ Physical (BS and ASTM) Soil – Chemical Analysis (BS) Steel – Chemical Analysis (ASTM) Water Analysis (ASTM and AWWA)	4980/2022	13/11/2022	13/11/2023

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3	Facade Design and Services Co. W.L.L (Bahrain)	Performance testing at permanent location / building construction site <ul style="list-style-type: none"> <li>- Exterior Walls (AAMA)</li> <li>- Exterior Windows, Skylights, Curtain Walls, and Doors (ASTM and AAMA)</li> <li>- Storefronts, Curtain Walls and Slope Glazing Systems (AAMA)</li> <li>- Curtain Walling - Rainscreens - Slope Glazing (CWCT)</li> </ul> Acoustic Testing <ul style="list-style-type: none"> <li>- Building Partition and Elements (ASTM)</li> </ul> Thermal Testing <ul style="list-style-type: none"> <li>- Building Elements (ISO)</li> </ul> Coating Thickness Testing <ul style="list-style-type: none"> <li>- Coating (ASTM)</li> </ul>	4726/2022	01/06/2022	01/06/2023
4	International Laboratories and Al Hoty Stanger W.L.L. (Bahrain)	Concrete and Aggregates (BS, BS EN and ASTM) Masonry – Masonry blocks and paving units (BS and BS EN) Soil (BS) Chemistry – Aggregates and Soil (BS and BS EN) Environmental Chemistry - Water and Wastewater (APHA)	4854/2022	25/08/2022	25/08/2023
5	Qatar Engineering Laboratories (Bahrain)	Cement, Concrete, Masonry and Aggregates (BS, BS EN, ASTM and IWPT) Soil (ASTM, BS and IWPT) Chemistry – Cement, Concrete, Masonry, Aggregates and Soil (BS, BS EN and ASTM) Environmental Chemistry - Water and Wastewater (HACH SMEWW and IWPT) Physical Testing – Steel Products, Manhole Cover, Glass Reinforced Pipes, Paint and Wood (BS EN, BS EN ISO, ASTM and IWPT) Non-Destructive Test – Pile Integrity Test (ASTM) Bitumen / Asphalt Mixtures (ASTM) Zinc or Zinc Alloy Coatings (ASTM)	4630/2022	23/03/2022	23/03/2023

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6	<b>RICI Co. W.L.L.</b> <b>(Bahrain)</b>	Concrete (BS EN and ASTM) Aggregate (BS, BS EN and ASTM) Soil (BS) Asphalt (ASTM) Blocks / Masonry Units / Kerbs (BS and BS EN) Pile (ASTM and BS)	4608/2022	09/03/2022	09/03/2023
7	<b>Universal Laboratories (Bahrain)</b> <b>W.L.L.</b>	Concrete – Fresh and Hardened (BS, BS EN and ASTM) Soil (BS and ASTM) Aggregates (BS EN and ASTM) Metallurgy (BS, BS EN, BS EN ISO and ASTM) Chemical Testing - Water (APHA and HACH) Non-Destructive Test – Liquid Penetrant Testing and Magnetic Particle Inspection (Universal's SOP)	4909/2022	10/10/2022	10/10/2023