



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TRANSITREX RESEARCH AND DEVELOPMENT CORPORATION

Plot No. WWA115 Jebel Ali Free Zone
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CHEMICAL

Valid To: March 31, 2023

Certificate Number: 4091.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on reservoir oil and gas, and water:

<u>Test:</u>	<u>Test Method(s) ¹:</u>
PVT Cell - Constant Composition Expansion	Schlumberger developed method, InTouch #4101238
PVT Cell - Differential Liberation/Vaporization (DL)	Schlumberger developed method, InTouch #4101231
PVT Cell - Separator Test (Sep. Test)	Schlumberger developed method, InTouch #4101235
PVT Cell - Constant Volume Depletion (CVD)	Schlumberger developed method, InTouch #4101229
Gasometer - Single Stage Flash (SSF)	Schlumberger developed method, InTouch #4219445
Gasometer - Direct Flash (DF)	Schlumberger developed methods, InTouch #4135168, #4107130, and #4135171
Gas and Liquid Chromatography	Schlumberger developed methods, InTouch #5186727 and #4190332
pH	EPA 150.1
Conductivity	ASTM D1125-95A; EPA 120.1
Alkalinity by Titration	ASTM 1067; EPA 310.1; Schlumberger developed method, InTouch #5730887

<u>Test:</u>	<u>Test Method(s) ¹:</u>
Total Dissolved Solids	ASTM 5907; EPA 160.1; Schlumberger developed method, InTouch #5730221
Total Suspended Solids	ASTM 5907; EPA 160.2; Schlumberger developed method, InTouch #5730222
Anions by Ion Chromatography	ASTM 4327; EPA 300.1; Schlumberger developed method, InTouch #5730855
Cations by Ion Chromatography	ASTM 6919; Schlumberger developed method, InTouch #5730855

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.



Accredited Laboratory

A2LA has accredited

TRANSITREX RESEARCH AND DEVELOPMENT CORPORATION

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 16th day of June 2021.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4091.02
Valid to March 31, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.