

Our approach?

- Our team's **goal** goes beyond providing reliable measurements and accurate reporting; we also aim to assist our customers in the **interpretation** of the results. Upon request, we can also help you to develop **testing** programs, analytical method **validation** and more.

Contacts?

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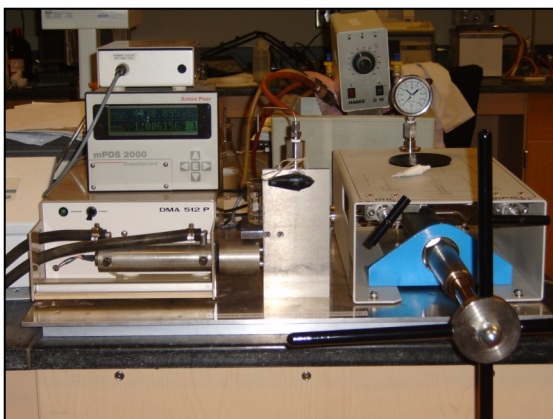
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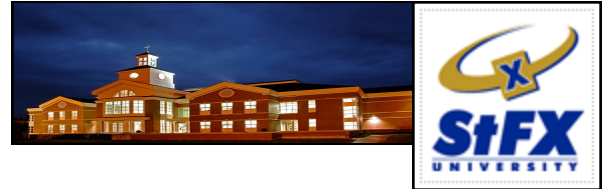
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X-CELL Analytical



*Analytical Service Lab
open for Business...*

**Petroleum Fluids
Analysis**



**St. Francis Xavier
University**
Analytical Services Lab

 X-CELL Analytical

Services Brochure

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Who are we?

- **X-CELL Analytical** is an Analytical Service Lab located on the St. Francis Xavier University Campus in Antigonish, NS, **Canada**.

Our Expertise?

- We are specialized in **Well Service Fluids** (such as **Drilling Fluids & Fracturing Fluids**) **Analysis** for which testing is carried out in compliance with **A.P.I.** (American Petroleum Institute) standards or with **A.S.T.M.** (American Society for Testing & Materials) standards.

Mission Statement

“The mission of X-CELL ANALYTICAL is to serve our customers by providing reliable measurements & efficient technical support that enhances the efficiency of their processes, nurtures their R&D and encourages the growth of their business”

Petroleum Fluid Services

Measurement	Test Method
Particle Size Analysis	Laser Diffraction
pH	API 13B
Emulsion measurement	API 13B
Suspensions measurement	Laser Diffraction
Dry powders measurement	Laser Diffraction
Surface tension	Per Manufacturer's Guidelines
Interfacial tension	Per Manufacturer's Guidelines
Density	ASTM D4052
Water content determinations	ASTM D6304
Rheological fluid properties	API 13B
X-ray diffraction analysis	Per Manufacturer's Guidelines
Lubricity	Per Manufacturer's Guidelines
Percentage of oil and water	API 13B
Flash Point	ASTM D93
Density of service fluids	API 13B
Temperature effect on drilling fluids (for Down Hole conditions simulation)	Per Manufacturer's Guidelines