

AES DRILLING FLUIDS

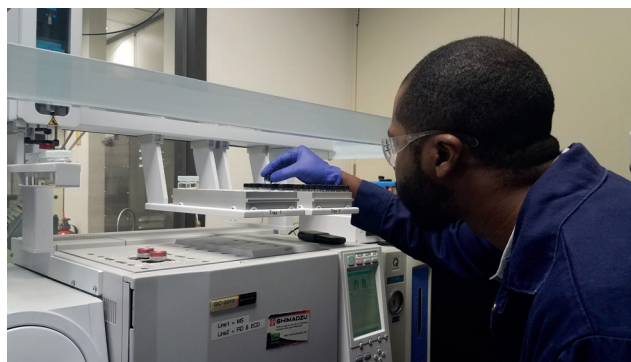
Houston, Texas

Support Service Center

The Houston Support Service Center features a full suite of laboratory equipment ranging from basic drilling fluid tests to complex analysis. Adjoining the AES Drilling Fluids Corporate Headquarters, it is the primary research and development center, supporting all regions of operation.

SELECT EQUIPMENT

- Full suite of equipment for API water-, oil-, and synthetic-based drilling fluid checks
- Chandler 7500 HPHT viscometer (30,000 psi / 600°F)
- Shimadzu QP-2010s gas chromatography-mass spectrometry + flame ionization detection + electron capture detection (GC-MS + FID + ECD)
- Shimadzu IRAffinity-1 Fourier transform infrared spectrophotometer (FTIR)
- Shimadzu TGA-51 thermobalance (TGA)
- Rigaku MiniFlex 600 x-ray diffractometer (XRD)
- Olympus X-5000 Benchtop x-Ray fluorescence analyzer (XRF)
- Malvern Mastersizer 3000 laser particle analyzer
- Hosokawa Micron Air jet sieve
- Keyence VHX 1100 visible light microscope (50x, 200x, 1000x)



GC-MS + FID + ECD Equipment

Facility Overview

The Houston Support Service Center provides comprehensive services for customer projects, operations support, and new product development. It features a broad range of testing equipment, including sophisticated analytical tools to quickly respond to time-sensitive challenges.

This full-service laboratory is operated by specialists with a diverse background in drilling fluids and related chemistry functions. The Houston Support Service Center performs a wide range of activities from basic drilling fluid tests and product quality control to research and new product development.

AES Drilling Fluids is constantly upgrading facilities to meet the needs of its customers. Confirm the latest capabilities and locations with an AES account manager.



Thermobalance



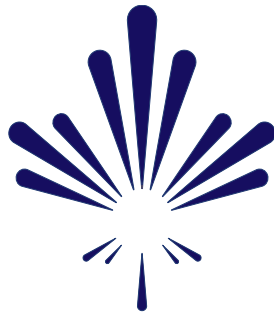
HPHT Viscometer

HOUSTON

SUPPORT SERVICE CENTER

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Revision 1.00

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