



## Emergency Services

fuel analysis for backup generators

# Complete Testing Services for Emergency and Standby Diesel-Powered Generator Systems.

From telecommunication centers to hospital operating rooms, any business with critical or essential operations must have emergency /standby power generators that are fully ready to operate at any moment and for as long as necessary in the event of power failure.

Stored diesel fuel tends to degrade with time. Periodic sampling of the diesel fuel used to power these generators is a critical component in ensuring that these backup power systems function properly when needed. Water, sludge and microorganisms tend to accumulate with long-term storage and the early detection of these contaminants can eliminate fuel related problems later on.

### MAKE SURE YOU HAVE POWER WHEN YOU NEED IT!

Businesses and institutions can unexpectedly lose power due to weather, natural disasters, or capacity-related issues. Recently, there have been several catastrophic storms and disasters that have dramatically demonstrated the complacency of many businesses regarding fuel testing procedures for their emergency/standby backup generators.

Don't let your business be caught in the dark. You can take proactive measures to ensure your backup power systems will work when you need them to. FOI can help you with your emergency readiness by providing:

- ▶ A standardized emergency generator test package
- ▶ Fast and accurate analysis of your fuel samples
- ▶ Complete training for your maintenance personnel for proper sample extraction, including sampling equipment
- ▶ A testing protocol designed to your company's specific needs

Be ready for anything, at any time, with an emergency/standby generator you can count on. If you would like more information on our emergency services testing capabilities, please contact us at [360-546-3835](tel:360-546-3835) today.

You can also visit us on the web at [www.foilabs.com](http://www.foilabs.com).

More on FOI Emergency Services



# EMERGENCY SERVICES

When the lights go out, KNOW you are ready

Hurricane Katrina, winter storms and earthquakes have triggered a heightened awareness that fuel testing on emergency/standby backup generators has been disastrously inadequate. 95% of all generator failures in these recent events have been due to treatable, preventable diesel fuel problems resulting from:

- ▶ Service techs extracting samples incorrectly, causing false-positive results
- ▶ Companies testing fuel only once per year
- ▶ Labs being too slow in giving analysis results
- ▶ Labs using modified, not exact ASTM methods
- ▶ Labs failing to be an active participant in critical problem solving

FOI Laboratories leads the way in your emergency readiness. We offer education for engineers in proper fuel sampling and consultation services with regard to site specific needs to ensure fuel quality and readiness.



**Industry Standard:** Take sample from filter

**Result:** Cleaned fuel gives CLEAR test results

**Solution:** Take samples from the source. If there is a problem to be found, it is in the middle or bottom of the long-term storage tank. Real results lead to real solutions.

Would you like to be part of the Nation's Best Safety Partnership? FOI has developed a standardized protocol for ensuring consistent, accurate and timely results with personalized consultative follow-up.

For a consultation or appointment, please contact us at [360-546-3835](tel:360-546-3835) today. You can also visit us on the web at [www.foilabs.com](http://www.foilabs.com).