

Standby Generator Fuel Testing

Quality control testing of fuels used for mission critical back-up power generators is provided by Intertek fuel labs, evaluating stored fuels to help ensure they are ready for use when needed, as needed.



Major institutions and businesses such as hospitals, airports, government buildings, and manufacturing plants, require reliable standby back-up electricity generators in case their local power grid fails. Power grids can fail for a variety of reasons, including wind, rain, floods, accidents, power surges, infrastructure failures, earthquakes, and solar flares. Ensuring standby power generators are ready to work when needed is vitally important for continued operations, safety, and reliability.

Intertek standby generator fuel testing is available for diesel, fuel oil, boiler fuel, biofuel, blended fuel, natural gas, and many other fuel types. Stored fuel sampling and testing is suggested annually to help ensure proper back-up generator readiness and maintenance.

Back-up Generator Fuel Testing



Standby generator fuel quality and stability testing can include:

- Appearance, haze
- Water content (including emulsified, dissolved, and free water content)
- Microbes (bacteria, algae, fungus)
- Sediment
- Diesel Cetane Value
- Fuel Corrosivity
- ASTM D975 (Standard specification for diesel fuel oils)
- ASTM D396 (Standard specification for fuel oils)

If a stored fuel is at risk due to the presence of sufficient water to support an infestation of microbes, **fuel biocide treatments** are available.

Backup generators are used by a diverse range of clients including restaurants, gas stations, grocery stores, hospitals, healthcare clinics & facilities, colleges, universities, schools, data centers, government, offices, high-rise buildings, banks, retail, fire-control systems, and telecommunications.

Ensuring standby generator fuel quality is a good basic requirement for having a reliable back-up power generator system in place and ready for use.

Please contact us for more information on our Standby Generator Fuel Testing:

Email: global.powergen@intertek.com

Tel: +1 281 971 5600 or +1 888 400 0084

www.intertek.com/petroleum/standby-generator-fuel/