

POWER GENERATORS – STATIONARY EMERGENCY GENERATOR OPERATIONS AND MAINTENANCE LOG

The attached three logs (or equivalent) are to be used for tracking the operation and maintenance of **emergency** generators. These logs are important because they establish mechanisms to demonstrate compliance with regulatory requirements. For a summary of regulatory requirements, see the EHS SOP, **Power Stationary Emergency Generators – Permits and Compliance Requirements**. Failure to maintain required logs is a violation of air quality regulations. Maintain a separate log for each generator. The logs should be readily accessible to facilitate record-keeping and available to EHS or regulatory authorities upon request.

Following three logs are required for **all** emergency generators:

1. EMERGENCY GENERATOR OPERATIONS LOG

- Prior to operating the generator for maintenance/readiness testing, review the log to ensure that the estimated time of operation will not exceed 100 total hours of operation during any consecutive 12-month period. Immediately notify EHS if this total is likely to be exceeded PRIOR to operation. In addition, the generator shall not operate for more than 500 hours during any consecutive 12-month period for any reason.
- Record the date and hour meter reading at the end of each operation, as well as the purpose of each use and operator initials.

2. EMERGENCY GENERATOR FUEL DELIVERY LOG

- Before off-loading ULSD fuel to diesel powered generators, verify the fuel sulfur content is $\leq 0.0015\%$ (15 ppm) & minimum cetane index is 40. Record the date, fuel supplier, and gallons of fuel received.

3. EMERGENCY GENERATOR MAINTENANCE LOG

- Record all service/repair/maintenance performed on the generator. The engines *must* be maintained according to manufacturer's written instructions (i.e., Owner/Operator Manual) for the useful life of the engine. Note: an annual oil sampling/analysis program may be utilized, in lieu of scheduled changes, in order to extend the manufacturer's specified oil change requirements.

