

POWER GENERATORS – STATIONARY EMERGENCY GENERATOR OPERATIONS AND MAINTENANCE LOG

(For assistance, please contact EHS at (402) 472-4925, or visit our web site at <http://ehs.unl.edu/>)

The attached two logs (or equivalent) are to be used for tracking the operation and maintenance of **emergency** generators. The third log will be placed on site where applicable. 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 two logs are required for all emergency generators:

1. EMERGENCY GENERATOR OPERATIONS LOG

- Prior to operating the generator, review the log to ensure that the estimated time of operation will not exceed 100 total hours of operation for the calendar year. Immediately notify EHS if this total is likely to be exceeded PRIOR to operation.
- 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 fuel to diesel powered generators, verify the fuel sulfur content is $\leq 0.0015\%$ (15 ppm). Record the date, fuel supplier, and gallons of fuel received. Keep a copy of the receipt in the Log Book.

In addition to logs #1 & #2, log #3 is required only for emergency generators installed after the following dates:

- For compression ignition (i.e. diesel) engines – July 11, 2005;
 - Beadle, Jorgensen, Quilt Center, Animal Science, Morrison, & Whittier.
 - For spark ignition (i.e. natural gas) engines – January 1, 2009:
 - Barkley Center, Multicultural Center, Keim Hall.
- #### 3. EMERGENCY GENERATOR EMISSION RELATED MAINTENANCE LOG can be found in the log book with each generator.

EMERGENCY GENERATOR FUEL DELIVERY LOG

DATE (mo/day/year)	SUPPLIER (i.e., Sapp Bros)	VERIFY SULFUR ≤ 0.0015% (15 ppm) BEFORE OFF LOADING FUEL	GALLONS RECEIVED	Keep a copy of receipt in this Log Book
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES
		YES		YES

Maintain a copy of the fuel delivery receipt in the log book