

OGB-24

INSTRUCTIONS

Read Carefully and Comply Fully

This form shall be filed in triplicate with the State Oil and Gas Board at the appropriate address below covering each facility or operation that handles or could reasonably be expected to encounter sour oil and/or gas. A Certificate may cover a single operation or multiple operations within a field. The description of the indicated type of operation must sufficiently define the facilities covered. After said certificate has been approved by the State Oil and Gas Board, one copy shall be returned to the operator.

For drilling operations, the certificate shall be filed with the Tuscaloosa office as a part of the application to drill. For facilities involving other types of H₂S operation, the certificate shall be filed with the Mobile office. Approval must be granted by the Supervisor prior to commencing those operations.

An amended certificate shall be filed with the Mobile office for any change which results in a deviation from the applicable provisions of the rule not described by the existing certificate. Each facility or operation shall be recertified by the operator on an annual basis. NOTE: This annual recertification is NOT the same as the annual review of the contingency plan.

The method of determining the maximum escape volume shall be indicated under "REMARKS."

The radius of exposure is determined by the following Pasquill-Gifford equation:

$$x = [(1.589) (\text{mole fraction H}_2\text{S}) (Q)]^{(0.6258)}$$

Where: X = radius of exposure in feet for 100 ppm H₂S concentration

Q = maximum volume determined to be available for escape in standard cubic feet per day

H₂S = mole fraction of hydrogen sulfide in the gaseous mixture available for escape (i.e. for 1% H₂S (volume basis) mole fraction is 0.01)

Make sure that you complete the form correctly and provide all the information requested. **State Oil and Gas Board personnel will not make additions to or change any part of a notarized form.**

State Oil and Gas Board of Alabama

Tuscaloosa Office
Mailing: P.O. Box 869999
Tuscaloosa, Alabama 35486-6999

Overnight: 420 Hackberry Lane
Tuscaloosa, Alabama 35401

Phone: (205) 349-2852
Fax: (205) 349-2861

Mobile Office
Mailing: P.O. Box 1368
Mobile, Alabama 36633-1368

Overnight: 250 N. Water Street
Mobile, Alabama 36602

Phone: (251) 438-4848
Fax: (251) 438-4805

www.ogb.state.al.us