

STATE OF LOUISIANA
Department of Public Safety and Corrections
Office of State Fire Marshal Code Enforcement and Building Safety
8181 Independence Boulevard
Baton Rouge, Louisiana 70806
225-925-4920

H "BUTCH" BROWNING
FIRE MARSHAL

**INFORMATION REQUEST
NOT - FOR - PERMITTING**

CHARLES MAXWELL
BAYOU TRUCK & TRAILER
2528 OLD SPANISH TRAIL
SLIDELL, LA 70461

RE: P0350235
BAYOU TRUCK & TRAILER REPAIR -
PAINT SPRAY BOOTH
2528 OLD SPANISH TRAIL
SLIDELL, LA 70458

NFPA 101, 2006

INDUSTRIAL

*ORIGINAL
BORDER
P.O.*

Dear Applicant:

Additional information is required to perform a proper review. The project referenced above is being held pending submission of the following information:

1. Please return the requested information or replacement / additional submittal documents to the attention of the writer within 21 days of the date of this letter, reference this letter and the project number with your transmittal of the replacement / additional submittal documents, and include a copy of this letter.

A deadline is imposed for receipt of the information, by August 24, 2008.

Please contact this reviewer as soon as you have been issued a "renovation" or "new construction" review letter. You may telephone at 800-256-5452 (from in-state only) or, if busy, at 225-925-4920. You may also email this reviewer at: John.moore@dps.la.gov. Our fax number is 225-925-4414. Do not send a new application and fee for this fire suppression submittal.

This review applies to the following scope of work: fire suppression system.

The last statement in this letter, referencing "construction is not authorized..." is limited to the scope of work as qualified above.

2. LRS 40: 1574 Construction or repair of structures
 - A. No structure, watercraft, or movable shall be constructed until building plans and specifications therefor have been submitted to and reviewed by the fire marshal and appear to him to satisfactorily comply with the laws, rules, regulations, and codes of the state.
 - B. No repair, remodeling, or addition shall be made to any structure, watercraft, or movable affecting the exits, stairs, seating arrangement, fire protection, or other details of construction covered by this Part until plans and specifications therefor have been submitted to and reviewed by

*FOR PAINT
BOOTH
LINDA
BURETT
EXTENSION
COPY
TO JOHN
PLANS
OF
PAINT
BOOTH*

Renovation

Application

Aug 4, 2008
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*EXTENSION
REQUEST
350235
DUE TO
HURRICANE*

the fire marshal and appear to him to satisfactorily comply with the laws, rules, regulations, and codes of the state.

a) **Building Plan Review for renovation or new construction.** In accordance with LRS 40:1574, B, all structures undergoing renovation or remodeling must be reviewed by this office for compliance with NFPA 101, other applicable codes and standards and ADA-AG prior to submittal of the related fire protection or suppression systems for review.

b) **Building Plan Review for the paint spray booth and mixing room.**

The applicant is required to submit a package consisting of the paint booth drawings (and any associated mixing/storage areas), specifications and/or cut sheets denoting construction of the floor, walls, ceiling, gauge thickness of steel panel construction, appropriate listing criteria for fire rated construction (if applicable), lighting, etc., complete with a location sketch of the paint booth within the "outer" building (or site plan of free standing paint booth with dimension from paint booth to nearest building) indicating exits, travel distance to exits, etc. Indicate sizes of containers and quantities of flammable liquids to be stored on site. The paint booth (and any associated mixing/storage areas) shall comply with NFPA 101, NFPA 30 and NFPA 33. The owner is encouraged to purchase copies of NFPA 30 and 33 (go to www.nfpa.org), which provide construction, operation, and protection requirements for flammable liquids spraying, storage and mixing. The paint booth building package must be reviewed by this office prior to review of the fire suppression system.

The paint booth building review package must be accompanied by a separate plan review application and applicable review fee. Please reference our website at www.dps.louisiana.gov/sfm, then press Plan Review, then Forms and download the Plan Review application and Plan Review Instruction documents. The fee schedule is contained within the instruction document. If the outer building and paint spray booth are both to be submitted for plan review, then only one application and review fee is required.

- The deficiency is that the plan review application does not indicate a plan review number for related construction. A search through our database has revealed only the New Construction review of the building, review P0324574, which does not appear to include a paint spray booth within the scope of that review. Also, a search of our records has not found a renovation review for the affected spaces in the building, for installation of the paint booth (or mixing room).

3. 17: 10.2.3 The details on the system shall include sufficient information and calculations on the amount of dry chemical; the size, length, and arrangement of connected piping, or piping and hose; and the description and location of nozzles so that the adequacy of the system can be determined. Information shall be submitted pertaining to the location and function of detection devices, operating devices, auxiliary equipment, and electrical circuitry, if used. Sufficient information shall be indicated to properly identify the apparatus and devices used.

- The deficiency is that the drawings do not indicate the following information:

a) The plans do not indicate the pipe type, sizes, or lengths, to allow verification of design conformance with the limitations of the manufacturer's pre-engineered system guidelines.

b) Interconnections, such as for openings, fan shut down and to alarms, are not indicated.

c) The length and configuration of the exhaust duct is not indicated.

d) The location of the exhaust duct termination, with respect to the roof, is not indicated. See 33: 7.4.

e) The location of the personnel egress door from the booth is not indicated, to show conformance with 33: 5.1.7; Enclosed spray booths and spray rooms shall be provided with means of egress that meet the requirements of NFPA 101. A minimum of two means of egress are required by NFPA 101: 40.2.4.3 and 7.11.4, with doors conforming to 7.2.1, being remote in accordance with 7.5.1.3, and with exit access in accordance with 7.5.1.6.

NOTE: THE FOLLOWING COMMENTS IDENTIFY ISSUES FOR INFORMATIONAL PURPOSES.

4. This review applies to the fire protection requirements of NFPA 33 Spray Application Using Flammable or Combustible Materials, 2003 edition, and the fire suppression system installation, for compliance with NFPA 17 Dry Chemical Suppression, 2002 edition, of the fire suppression system, as shown on the drawings for the above referenced project.

a) This review applies to a required system installed, per 101: 40.3.2.1, for protection of a high hazard industrial process.

1. 101: 40.3.2.1 All high hazard industrial occupancies, operations, or processes shall have approved, supervised automatic extinguishing systems in accordance with Section 9.7 or other protection appropriate to the particular hazard, such as explosion venting or suppression.

b) The system is a pre-engineered dry chemical to system, protect one Vehicle Paint Spray Booth.

c) 33: 8.1 This review does not include protection of storage, handling and mixing (paint kitchen) operations. Storage, handling, and mixing of flammable and combustible liquids shall meet all the applicable requirements of NFPA 30. Storage, handling, and mixing of flammable and combustible liquids at process areas shall also meet the requirements of this chapter.

5. NOTE: Please enclose a copy of this letter with future submittals or other correspondence pertaining to this project.

Due to the lack of information, the referenced project has NOT been reviewed. Please direct the requested information to my attention. Processing will continue upon receipt of the information requested above. Enclose a copy of this letter with future submittals and/or other correspondence pertaining to this project.

This project will be returned as "NOT IN COMPLIANCE" if the requested information is not received by this office within 21 days of the date of this letter, thereby requiring a RESUBMITTAL of the entire project along with a new completed application and appropriate review fee.

If a sprinkler system construction release (Go-To-Work-Request) was granted prior to formal review, the release is hereby rescinded until such time that a formal review of plans has been conducted and a plan review letter is issued that will release the project for construction.

CONSTRUCTION IS NOT AUTHORIZED until a satisfactory review has been performed and a formal review letter has been issued by this office.

REVIEWED BY:
JOHN MOORE
ARCHITECT

CC:
Crawford Fire & Safety
Property Insurance Association*
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District* 5042194600