

**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

HENRY H. FRY  
DEPUTY ASSISTANT SECRETARY

**NEW CONSTRUCTION**

EDWARD GREMILLION, P E, C E  
DAMMON ENGINEERING, INC  
1095 FLORIDA AVE  
SLIDELL, LA 70458-0000

RE: P0324763  
PARISH CAB  
1189 FREMAUX AVE  
SLIDELL, LA 70458

NFPA 101, 2003

BUSINESS  
INDUSTRIAL

Dear Applicant:

This is to advise that we have reviewed the drawings and specifications for the subject proposed construction and have determined that they appear to satisfactorily comply with the adopted laws, codes, rules and regulations of The State Fire Marshal subject to the following requirements:

1. **Review is for a mixed business/industrial occupancy (per NFPA 101 2003), mixed occupancy business/factory F-1 (per IBC 2006). Warehouse to meet the requirements of NFPA3.1.16.2 Minor Repair Garage.**  
(A building or portions of a building used for lubrication, inspection, and minor automotive maintenance work, such as engine tune-ups, replacement of parts, fluid changes (e.g., oil, antifreeze, transmission fluid, brake fluid, air conditioning refrigerants, etc.), brake system repairs, tire rotation, and similar routine maintenance work, including associated floor space used for offices, parking, or showrooms.)
2. **LRS 40:1730.45 and LAC 55:V:2601** The documentation provided for the subject facility appears to comply with The Commercial Building Energy Conservation Code based on ANSI/ASHRAE/IESNA 90.1- 2001, and the International Energy Conservation Code, 2000 edition, as applicable.

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NOTE: THE FOLLOWING COMMENTS IDENTIFY ISSUES FOR INFORMATIONAL AND CAUTIONARY PURPOSES OR ISSUES THAT COULD NOT BE VERIFIED IN THE SUBMITTED DOCUMENTS.

3. **101:38.3.2 Separate Warehouse from other parts of the building by 1 hour fire resistive construction with self-closing 45 minute labeled door/frame assembly or provide automatic sprinkler protection in accordance with Section 9.7 and smoke partitions with self-closing doors in accordance with 8.7.1.2 and 8.4. (Sprinkler piping for isolated hazardous areas connected to domestic water supply shall comply with 101:9.7.1.2).**

a) 101:8.2.2.3 Fire compartments shall be formed by fire barriers that are continuous from foundation through all intervening construction to the roof deck, from outside wall to outside wall or from fire barrier to fire barrier, including continuity through all concealed spaces, such as those found above a ceiling, including interstitial spaces.

b) 101:8.3.5 Penetrations through rated construction shall be sealed by approved firestop systems or devices tested in accordance with ASTM E-814 or ANSI/UL 1479 or by assemblies of firestopping materials capable of preventing the passage of flames and hot gases when tested and rated in accordance with NFPA 251. (This requirement applies for elevator controls on shaft walls, electrical outlets, light switches, etc.).

c) Notify the District Office identified at the end of this letter for inspection of all completed fire and/or smoke barrier walls before any construction is installed that would conceal such construction and prevent a proper inspection. Access to randomly selected areas may be required by the inspector at time of final inspection if this notification is not given.

d) Provide detailed instructive cut sheets of the fire penetration sealing system used to the inspector at time of inspection. Random selective sampling by the contractor will be observed by the inspector.

(Per POR, warehouse to be used for detailing and minor repair work (oil change) cars owned by the cab company. 1 hour separation is required between the warehouse and business occupancy.)

4. 101:7.2.1.3 Provide landings outside exterior doors level with the interior finish floor.
5. 101:7.2.1.5 Locks on doors in means of egress shall not require the use of a key, special device or special knowledge to open in the direction of egress.
6. 101:7.2.1.5.9 Doors shall be openable with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, is NOT acceptable.

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NOTE: THE FOLLOWING IS A REVIEW FOR COMPLIANCE WITH THE REQUIREMENTS OF THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE IN ACCORDANCE WITH ACT 12 OF THE 2005 FIRST EXTRAORDINARY SESSION OF THE LOUISIANA LEGISLATURE. THIS REVIEW IS PERFORMED AT THE REQUEST OF, AND ON BEHALF OF THE JURISDICTION IN WHICH THIS PROPOSED PROJECT IS LOCATED.

This office will not be responsible for inspections to certify compliance with applicable requirements. Contact the local Building Official or a Louisiana State Uniform Construction Code Council certified third-party provider to arrange for inspections.

Codes Referenced:

- 2006 International Building Code (IBC) not including Chapters 1, 11, 27, and 29;
- 2006 International Existing Building Code (IEBC) not including Chapter 1;
- 2006 International Mechanical Code (IMC);
- 2000 Louisiana State Plumbing Code (LSPC);
- 2006 International Fuel Gas Code (IFGC);
- 2005 National Electric Code (NEC)

7. **Building Planning:**

a) **Proposed Occupancy/Use Group Classification:**

The occupancy is a mixed Business/Factory Group B/F-1 per IBC Sections 304 and 306.2.

b) **Special Occupancy Areas:**  
There are no special occupancy areas.

c) **Incidental/Accessory Use Areas:**  
There is an incidental warehouse use area and an accessory storage occupancy per IBC Section 508.

d) **Construction Type/Building Limitations:**  
The construction type is indicated to be Type II B per IBC Section 602.

The proposed construction is within the allowable height and area limitations of Table 503.

8. **Fire-Resistance-Rated Construction and Interior Finishes:**

a) Fire barriers complying with IBC Section 706 shall separate Warehouse from Business.

b) Fire barriers shall extend from the top of the floor/ceiling assembly below to the underside of the floor or roof slab or deck above and shall be securely attached thereto. These walls shall be continuous through concealed spaces such as the space above a suspended ceiling. Hollow vertical spaces within the fire barrier wall shall be fireblocked at every floor level, per IBC Section 706.5.

c) Penetrations shall be protected in accordance with Section 712.

d) Joint systems shall be installed in accordance with Section 713.

9. Interior walls and ceiling finishes shall be Class C: Flame spread 0-200; smoke-developed 0-450.

10. **Fire Protection Systems:**

a) The building is not provided with an automatic sprinkler system. The system is not required.

b) The building is not provided with a fire alarm system. The system is not required.

11. **Occupants:**

1) **Means of Egress:**

Refer to Life Safety Code review above for means of egress requirements.

12. **Interior Environment:**

a) Rooms containing bathtubs, showers, spas and similar bathing fixtures shall be mechanically ventilated in accordance with IMC, Section 403.

b) An opening not less than 20 inches by 30 inches shall be provided to any attic area having a clear height of over 30 inches. A 30-inch minimum clear headroom in the attic space shall be provided at or above the access opening per IBC Section 1209.

c) Toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upward onto the walls at least 6 inches per IBC Section 1210.1.

d) Walls within 2 feet of urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of 4 feet above the floor, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture per IBC Section 1210.2.

13. **Structural:**

a) Comply with the conventional light-frame construction provisions of Section 2308, or indicate the design loads and other information pertinent to the structural design required by Sections 1603.1.1 through 1603.1.8 on the construction documents. (Provide design loads and other pertinent information for review before start of construction.)

b. Wind Loads: (Appears to comply.)

c. Flood Loads:

The flood hazard area established for the site is identified as Zone A-4.

The elevation of the proposed lowest floor is indicated to be 9.0'.

14. Construction Materials:

a) Each pane of glazing shall bear the manufacturer's mark designating the type and thickness of the glass or glazing material, or submit an affidavit by the glazing contractor certifying that each light is glazed in accordance with approved construction documents that comply with the provisions of IBC Chapter 24.

b) Individual glazed areas, including glass mirrors, in hazardous locations as defined in Section 2406.3 shall comply with IBC Sections 2406.1.1 through 2406.1.4.

c) Each pane of safety glazing installed in hazardous locations shall be identified in accordance with IBC Section 2406.2.

15. Mechanical Systems: (Appears to comply.)

a) Attics containing appliances requiring access shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest appliance in accordance with this section. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches, where such dimensions are large enough to allow removal of the largest appliance, per IMC Section 306.3.

16. Plumbing Systems: (Appears to comply.)

17. Fuel Gas: (No fuel gas in project.)

18. Electrical Systems: (Appears to comply.)

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

Changes to construction in the field which are not consistent with the reviewed documents are not authorized unless reviewed by this office for compliance with Code. Modifications to reviewed plans must be submitted to this office by the Architect/Civil Engineer for review prior to final inspection. If an Architect or Civil Engineer is not required by RS 37:155, revisions shall be submitted by the Owner. Submittals shall include plans, completed application, a minimum \$55.00 review fee, and a copy of the most current plan review letter.

Compliance with code requirements for fire protection systems, such as Fire Alarm, Sprinkler and Suppression Systems, is determined by separate shop drawing submittal and is not included in this review.

This review shall in no way permit and/or authorize any omissions or deviations from the specific requirements of the adopted codes, rules and regulations in accordance with R.S. 40:1574.1(B).

This review is valid for 180 days from the date of this letter. Construction permits must be issued and/or construction must commence within this time period.

This office requires certification of the completed project in accordance with the approved documents (certificate enclosed).

**Occupancy of the project will not be permitted until we receive the completed certificate and a satisfactory inspection of the completed construction has been made by this office.**

To arrange for inspection of the project, please contact the District Office at the phone number below two (2) to three (3) weeks in advance. The plans stamped reviewed by this office must be available on job site at time of inspection. Certificate of completion must be provided to the inspecting Deputy for final inspection.

REVIEWED BY:  
LINDA BURCH  
PLAN REVIEW DEPUTY

CC:  
Kb Kaufmann  
St Tammany Fire Protection District No 1\*  
City Of Slidell\*  
New Orleans District\* 5042194600



STATE OF LOUISIANA  
DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS

OFFICE OF STATE FIRE MARSHAL  
CERTIFICATE OF COMPLETION

DATE

STATE FIRE MARSHAL PROJECT P0 \_\_\_\_\_ SYSTEM TYPE \_\_\_\_\_  
STATE FIRE MARSHAL PROJECT P0 \_\_\_\_\_ SYSTEM TYPE \_\_\_\_\_  
STATE FIRE MARSHAL PROJECT P0 \_\_\_\_\_ SYSTEM TYPE \_\_\_\_\_  
STATE FIRE MARSHAL PROJECT P0 \_\_\_\_\_ SYSTEM TYPE \_\_\_\_\_

Please list all projects pertaining to this building, scheduled for review at this time. System type refers to Architectural, Fire Alarm, Kitchen Hood/Wet Chemical Suppression, Fire Suppression, or Storage Tank.

To arrange for inspection of the project, please contact the district office two (2) to three (3) weeks in advance. To verify inspection district and phone number please refer to the cc list on the last page of the State Fire Marshal review letter. The plans stamped reviewed by this office must be available on job site at time of inspection. This Certificate Of Completion must be provided to the inspecting deputy at final inspection.

This is to certify that,

PROJECT TITLE FROM APPLICATION		
PROJECT ADDRESS		
CITY	STATE	ZIP CODE

was periodically observed by me, by my consultants, and/or by others in my employ during construction and, to the best of my knowledge, information and belief, has been completed in accordance with the safety provisions which were shown in the plans and specifications previously reviewed by the Fire Marshal.

UNDER PENALTY OF LAW FOR FALSE STATEMENTS, I,

NAME OF ARCHITECT OR ENGINEER IF  
REQUIRED, OTHERWISE OWNER

PRINTED NAME

SIGNATURE

ARCHITECT/CIVIL ENGINEER LICENSE  
NUMBER

CERTIFY ALL STATEMENTS CONTAINED HEREIN ARE, TO THE BEST OF MY  
KNOWLEDGE, INFORMATION AND BELIEF, TRUE AND CORRECT

LAC 55:V:307 OBSERVATION OF CONSTRUCTION

A. For a structure which by law may only be constructed with plans prepared and certified by a licensed architect or civil engineer, it shall be the duty of the owner of such a structure to provide for periodic observation of the construction of the structure to determine if the work is proceeding in accordance with the plans and specifications as approved by the fire marshal. The observations shall be performed by a registered architect or a registered civil engineer.

B. Upon completion of such work, where the law requires the owner to engage an architect or registered civil engineer, the owner shall furnish to the fire marshal a certificate signed by a registered architect or registered civil engineer stating that the periodic observations have been made and that to the best of the architect's or engineer's knowledge, information and belief, the work was completed in accordance with those fire safety standards and regulations stipulated in the plans and specifications previously approved by the fire marshal. When the owner has not engaged an architect or registered civil engineer, and the same is not required by law, the owner must submit the certificate of completion when appropriate, but always under his signature.

C. Occupancy of a structure, watercraft or movable prior to furnishing a certificate to the fire marshal as required under this regulation is expressly forbidden by the fire marshal, unless and until a satisfactory inspection has been made by the fire marshal or his certified representative.

D. In order to comply with the requirements of §307.B, the owner must submit to the fire marshal the following certificate completed by the architect, civil engineer, or, if neither is required by law, the owner.