

# Automatic Sprinkler System Modifications REQUEST FOR EXEMPTION

PLEASE PRINT CLEARLY OR TYPE INFORMATION

LOUISIANA DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS  
OFFICE OF STATE FIRE MARSHAL  
8181 INDEPENDENCE BOULEVARD  
BATON ROUGE, LOUISIANA 70806  
PHONE (225) 925-4920 FAX (225) 925-4414  
WEB SITE: www.dps.state.la.us/sfm

<b>REVIEW FEE</b>
<b>\$20.00</b>

DATE OF APPLICATION	10-19-07
STATE FIRE MARSHAL ARCHITECTURAL REVIEW NUMBER	PO 320886

PROJECT TITLE (Name of Business)		PROJECT FLOOR
QUIZNOS STORE # 10752		1
NAME OF BUILDING/SHOPPING CENTER		TOTAL NO FLOORS IN BUILDING
STIRLING RETAIL TRACT F		1
PHYSICAL LOCATION OF PROJECT	ADDRESS (Street/Suite)	EXEMPTION RESUBMITTAL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Inside City Limits <input checked="" type="checkbox"/>	2620 BEENE BLVD SUITE 1	PREVIOUS REVIEW NUMBER: _____
Outside City Limits <input type="checkbox"/>	CITY (In or Near)	ZIP CODE
	BOSSIER	71112
		PARISH
		BOSSIER

**PROFESSIONAL OF RECORD (P.O.R.) ( If none, then MUST be Owner )**

NAME	EDWARD GREMILLION, PE, CE	PHONE (985) 649-5832
MAILING ADDRESS (Street/P.O. Box)	1095 FLORIDA AVE	FAX (985) 641-5950
CITY	SLIDELL	STATE LA
		ZIP CODE 70458
P.O.R. LICENSE NO	PE.0004030 PLS.000168	EMAIL ADDRESS
		N/A

**SPRINKLER SYSTEM INFORMATION**

OCCUPANCY CLASS (NFPA 101 Chapter)		HAZARD CLASS (PER NFPA 13)		PUMP INFORMATION		PLACARD INFORMATION	
Mercantile		ordinary group II		PRESSURE (psi) n/a		.2 GPM/SF OVER	
SYSTEM TYPE	<input checked="" type="checkbox"/> WET <input type="checkbox"/> DRY	DESIGN TYPE	<input checked="" type="checkbox"/> HYDRAULIC <input type="checkbox"/> PIPE SCHEDULE	MAIN REDUC. V.L.V. SET	n/a psi	FLOW (gpm)	n/a
WATER SOURCE	<input checked="" type="checkbox"/> MUNICIPAL <input type="checkbox"/> PRIVATE	WATER SUPPLY DATA (psi)	76	RESIDUAL (psi)	64	FLOW (gpm)	1300
TOTAL NUMBER OF EXEMPTION SPRINKLERS	19	AREA COVERED BY THIS EXEMPTION (sf)	1600	COST OF WORK TO BE DONE	\$	3940	TEST DATE
							12/18/06
						58.8 PSI AT	
						549.4 GPM AT:	
						AT base of riser	

**DESCRIPTION OF WORK**

FIRE TECH SYSTEMS SHALL RELOCATE (16) AND ADD (3) TO BRING THIS SPACE UP TO CODE DUE TO MINOR RENOVATION. ALL WORK SHALL BE PER NFPA 13.

SPRINKLER MFGR.	TYCO	MODEL	TYFRB	TYPE	RECESSED	TEMPERATURE:	155	ORIFICE SIZE:	1/2
EFFECT ON SYSTEM									
IN OUR OPINION - NONE									

**SPRINKLER SYSTEM CONTRACTOR / ENGINEER / DESIGNER (not the POR)**

NAME	LINDA M. BIERNACKI	EMPLOYEE STATE LICENSE NO.	SC5060
FIRM NAME	FIRE TECH SYSTEMS, INC.	FIRM MAILING ADDRESS	721 N. ASHLEY RIDGE LOOP
CONTACT NAME	JESSE J HAYES		SHREVEPORT, LA 71106
FIRM LICENSE NUMBER	SF5024	PHONE NO (318) 688-8800	FAX NO (318) 688-8844
	25873	EMAIL ADDRESS	jhayes@firetechsystems.com

<b>FOR FIRE MARSHAL USE ONLY</b>	DATE RECEIVED	PROJECT NUMBER	REVIEW ARCHITECT
	10-19-07	326428	
<input checked="" type="checkbox"/> Accepted	Comments		
<input type="checkbox"/> Denied	Philip A. Tweedy 10.22.07		

CC:  Applicant  Sprinkler Contractor  SFM District  Fire Prevention Bureau  SFM Health Care  High Rise File  Reading File

SHREVEPORT 888-634-7682  
 NEW ORLEANS 888-634-7689  
 LAFAYETTE 800-554-0006  
 BATON ROUGE 800-256-5452  
 HEALTH CARE  
 CONTACT THE INDICATED DISTRICT OFFICE FOR FINAL INSPECTION:

**REQUEST FOR EXEMPTION**  
**Automatic Sprinkler System Modifications**  
**Instruction Sheet**

INSTRUCTIONS TO APPLICANT AND REVIEW  
QUALIFICATIONS

1. This application is a request to perform minor modifications to an existing automatic sprinkler system, involving alterations to a maximum of twenty (20) heads. A maximum of six (6) of these twenty (20) heads may be additions to the existing system. This scope of work must be limited to modifications which will not jeopardize system performance.
2. This form is not required for maintenance or repairs of identical replacement devices, materials, etc. (refer to NFPA 25).
3. A complete fire protection submittal is required if:
  - A. The existing system is extended into a previously unprotected area, or
  - B. Devices, materials, etc. are replaced by components which are not identical and/or require calculations, or
  - C. Modifications involve supplying two (2) or more heads from one (1) existing outlet, or
  - D. Modifications are resultant from a change of occupancy, or involve increase of hazard and/or special protection requirements (water curtain, concealed spaces, canopies, etc.).
4. Complete all information on front side of form. Exemption request may be denied, if received incomplete.
  - A. Provide the State Fire Marshal Architect Review number, and attach a copy of this letter to exemption form. If the State Fire Marshal Architect Review number is non-existent or unknown, enter reason for sprinkler modification in the architect review number box. If architect review is rendered exempt by S.F.M. inspection, provide confirmation letter from S.F.M. inspector. If modifications are resultant of inspection deficiencies, provide copy of report.
  - B. When all information is complete, form may be mailed or faxed to the S.F.M. Plan Review Section, for review. An invoice for review charges will be mailed from the Plan Review Section. NOTE: To avoid duplicate reviews and duplicate invoicing, DO NOT MAIL A HARD COPY IF THE APPLICATION IS FAXED. Do not fax or mail duplicate entries of same application. Duplicate entries received without authorization may render project denied.
5. NFPA 101: 7-7.1.2 Protection Of Isolated Hazards
  - A. Protection of one (1) isolated hazard (enclosed room), with 130 sq. ft. maximum protection area (s x 1), requiring only one (1) standard orifice sprinkler head, may be performed by a Louisiana licensed plumber or a Louisiana licensed sprinkler contractor.
  - B. Protection of one (1) isolated hazard exceeding a one (1) sprinkler head scope, is required to be performed only by a Louisiana licensed sprinkler contractor.
  - C. A building having one (1) or more (no limit) isolated hazards, each meeting the scope of Item 5.A., above, may be performed by a Louisiana licensed plumber or a Louisiana licensed sprinkler contractor.
  - D. Exemption Request process is required for all three scopes of work described above. The design and installation shall comply with NFPA 101:7-7.1.2, and applicable provisions of NFPA 13. Proof of adequate domestic water supply is required. If Item 5.B., above, includes two (2) heads in the room, a sketch of the layout and piping with a calculation to the source must accompany the exemption request. If Item 5.B., above, exceeds a two (2) sprinkler head scope per room, or if other than standard orifice (1/2") sprinklers are to be used, a standard fire protection submittal is required.

**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

**RENOVATION**

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

RE: P0320886  
QUIZNOS 10752  
2620 BEENE BLVD STE 1  
BOSSIER CITY, LA 71112

NFPA 101, 2003

MERCANTILE CLASS C

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. **The scope of this review applies to the 1,600 s.f. Tenant Buildout of a Sprinklered Mercantile Occupancy.**

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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.

2. **LRS 40:1625 Submit automatic sprinkler system shop drawings with plan review application and fee prior to installation of any work to this system. Such work shall not commence until the shop drawings are reviewed and appear to satisfactorily comply with the laws, codes, rules, and regulations enforced by this office.**

**Be advised that a sprinkler system that satisfies the requirements of NFPA 101 Life Safety Code, NFPA 13, NFPA 13R and/or NFPA 13D may not necessarily be considered by the building insurance underwriters as "full coverage" or "fully sprinklered", for insurance purposes.**

3. **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)

**4. Building Planning:**

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

The occupancy is a Group B Occupancy per IBC Section 303.1.

**b) Special Occupancy Areas: NONE**

**c) Incidental/Accessory Use Areas: NONE**

**d) Construction Type/Building Limitations:**

The construction type is indicated to be Type II B per IBC Section 602.

The proposed STRUCTURE IS EXISTING.

**5. Fire-Resistance-Rated Construction and Interior Finishes: APPEARS TO COMPLY**

**Interior Finishes:**

Interior walls and ceiling finishes shall be Class C: Flame spread 76-200; smoke-developed 0-450.

**6. Fire Protection Systems:**

The building is provided with an automatic sprinkler system.

The building is NOT provided with a fire alarm system.

**7. Occupants:**

**1) Means of Egress:**

SEE LSC REVIEW ABOVE.

**8. Structural:**

**a) Load Combinations:**

THIS IS A TENANT BUILDOUT, NO LOADS PROVIDED.

**9. b) Wind Loads:**

THIS IS A TENANT BUILDOUT.

NO WIND LOAD DATA PROVIDED.

**10.**

**c) Flood zones:**

NO ZONE DATA PROVIDED.

TENANT BUILDOUT.

**11. Mechanical Systems:**

**APPEARS TO BE CODE COMPLIANT.**

**Plumbing Systems:  
APPEARS TO BE CODE COMPLIANT.**

**Fuel Gas:  
APPEARS TO BE CODE COMPLIANT.**

**Electrical Systems:  
APPEARS TO BE CODE COMPLIANT.**

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 applies to work indicated in the drawings or specifications. Existing portions of the facility of building unaffected by the new work shall comply with LAC 55:103B thru 55:103F.

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:  
KENNETH ROBICHAUX  
ELECTRICAL ENGINEER

CC:  
David Poole  
B C F D\*  
Shreveport District\* 3186767145  
Bossier City Fire Prevention\*