

# **FIRE INSPECTION REPORT - NOTICE OF FIRE CODE VIOLATION**

Date of Inspection: Wed Dec 19, 2007

Time: 10:00

Inspection Type: Inspection - Public School/Fire &

# **BUSINESS/OPERATION**

Wake Forest-Rolesville High School

420 W STADIUM DR

Wake Forest, NC 27587

### Date of Next Reinspection:

THE FOLLOWING ITEMS ARE IN VIOLATION OF THE N.C. STATE FIRE PREVENTION CODE. YOU ARE REQUIRED TO CORRECT ALL ITEMS NOTED BELOW:

# Code Correction to be Made

1008.1.8.4 Bolt locks.

Manually operated flush bolts or surface bolts are not permitted.

The doors leading from the basement corridor of the old vocational building into the Wrestling Room and into the Facilities and Maintenance Storage are cannot have slide bolts on the back side of the doors. In addition the doors cannot be locked in the direction of travel. Slide bolts were removed in my presence the day of this inspection, however the door lock will need to be re-keyed also.

### 1009.3 Maximum height from floor.

Recheck violation record auto-generated from inspection on 02/22/2007. Recheck violation record auto-generated from inspection on 03/29/2006. Recheck violation record auto-generated from inspection on 08/22/2005. Recheck violation record auto-generated from inspection on 09/10/2004. Emergency escape and rescue openings shall have the bottom of the clear opening not greater than 44 inches (1118 mm) measured from the floor. For classrooms serving children Grade 5 and younger, the bottom of the clear opening shall not be more than 32" (810 mm) measured from the floor.

The required egress windows in rooms 419, 414, 416 and 417 are greater than 44 inches to the bottom of the opening

SECOND NOTICE

#### THIRD NOTICE

As of 3/29/2006 the above listed violations have not been corrected and have not been addressed by Wake Forest-Rolesville HS or WCPSS Maintainance.

FOURTH NOTICE

As of 2/22/2007 the above listed windows are still greater than 44 inches above the finished floor. Have steps installed in front of the windows or discontinue use of these rooms as classrooms.



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# THE FOLLOWING ITEMS ARE IN VIOLATION OF THE N.C. STATE FIRE PREVENTION CODE. YOU ARE REQUIRED TO CORRECT ALL ITEMS NOTED BELOW: FIFTH NOTIFICATION

As of 12/19/2007 the above listed violations have not been addressed. No steps are other means of correcting this issue have been used and no one from the school itself or maintenance has contacted me in reference to this violation. Have violation abated or discontinue use of these rooms as classroom space.

### 1011.5.3 Power source.

Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, the sign illumination means shall be connected to an emergency power system provided from storage batteries, unit equipment or an on-site generator.

1. The Area of Rescue Assistance sign at stair A-221 was found to be non-functional 2. The lighted exit sign over the exterior exit door near room 303 was non-functional

### 1027.2 Reliability.

Recheck violation record auto-generated from inspection on 02/22/2007. Required exit accesses, exits or exit discharges shall be continuously maintained free from obstructions or impediments to full instant use in the case of fire or other emergency when the areas served by such exits are occupied. Security devices affecting means of egress shall be subject to approval of the fire code official.

1. 711, Dance/Drama Room, exterior egress door will not open, locking mechanism does not completely retract.

2. Remove the large machinery covered by tarp located outside the exterior door of 1011, its location obstructs the path of egress travel

#### SECOND NOTICE

As of 12/19/2007 the above listed violations still exist. The exterior exit door of the Dance/Drama room still does not function correctly. At present the door bolt assembly is held in the open position with tape to stop the door from locking. In addition the large covered equipment is still located in the path of egress travel outside room 1011.

#### 1027.2 Reliability.

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 No storage is allowed in the Administrative Hallway, remove all boxes and storage of supplies. Maintain free and clear of storage at all times.
The rolled mats cannot be stored in the corridor at the base of the stairwell of the old vocational building. Have relocated to an approved storage site.

#### 3003.3 Security.

Compressed gas containers, cylinders, tanks and systems shall be secured against accidental dislodgement and against access by unauthorized personnel.

The compressed gas cylinders located in the bay of the old vocational building near the electric cars are to be secured in place by means of a chain or other approved means.

### 304.1.1 Waste material.

Recheck violation record auto-generated from inspection on 02/22/2007. Accumulations of wastepaper, wood, hay, straw, weeds, litter or combustible or flammable waste or rubbish of any type shall not be permitted to remain on a roof or in any court, yard, vacant lot, alley, parking lot, open space, or beneath a grandstand, bleacher, pier, wharf, manufactured home, recreational vehicle or other similar structure.

Clean out the equipment enclosure located outside and to the right of the Main Building. Remove all trash, leaves and other combustible materials

SECOND NOTICE

As of 12/19/2007 the equipment enclosure noted above still has dried and dead weeds, trash and other debris located within. Have all removed and maintain the area free and clear at all times.

### 315.2.1 Ceiling clearance.

Storage shall be maintained 2 feet or more below the ceiling in nonsprinklered areas of buildings or a minimum of 18 inches below sprinkler head deflectors in sprinklered areas of buildings.

Maintain the minimum required 24 inch ceiling clearance in the following locations.....



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THE FOLLOWING ITEMS ARE IN VIOLATION OF THE N.C. STATE FIRE PREVENTION CODE. YOU ARE REQUIRED TO CORRECT ALL ITEMS NOTED BELOW:

- 1. 609
- 2. 724
- 3. 702

4. Storage room of 409

#### 315.2.2 Means of egress.

Recheck violation record auto-generated from inspection on 02/22/2007. Recheck violation record auto-generated from inspection on 03/29/2006. Recheck violation record auto-generated from inspection on 08/22/2005. Combustible materials shall not be stored in exits or exit enclosures.

Remove all combustible materials stored below the stairwell in A-116, boxes, books. etc.

#### SECOND NOTICE

#### THIRD NOTICE

As of 2/22/2007 combustible materials were found to still be stored under the stairwell. Remove all combustible materials from below the stairwell and maintain NO storage below the stairwell at any time.

FOURTH NOTICE

As of 12/19/2007 the above listed violation has not been addressed. Combustible materials were still stored in the above listed stairwell at the time of inspection. Have all removed.

#### 315.2.2 Means of egress.

Combustible materials shall not be stored in exits or exit enclosures.

Remove all materials stored in the exit access ways to the front left side and the front right side of the Auditorium.

#### 315.2.3 Equipment rooms.

Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms.



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1. Remove the materials stored in the electrical equipment room E-01 of the 800 building. This room is not to be used for athletic equipment storage.

2. Have the cardboard boxes located in room M-1 of the 800 building removed.

#### 503.6 Security gates.

Recheck violation record auto-generated from inspection on 02/22/2007. Recheck violation record auto-generated from inspection on 03/29/2006. Recheck violation record auto-generated from inspection on 08/22/2005. Where security gates are installed, they shall be maintained and an approved means of emergency operation shall be provided and maintained.

The pipe bollards installed across the sidewalk do not allow for the required 20 foot fire department access width. Knock-down bollards may be utilized in this area, however keys must be present in a lock box located nearby and permanently placed bollards are to be removed to a distance equal to or greater than 20feet.

#### SECOND NOTICE

#### THIRD NOTICE

#### FOURTH NOTICE

As of 12/19/2007 the pipe bollards noted above still have not been removed. As directed above, remove the permanently placed pipe bollards to a point equal to or greater than the required minimum 20 feet.

#### 605.1 Abatement of electrical hazards.

Remove the decorative lights around to bulletin board in room 607.

#### 605.4.2 Power supply.

Relocatable power taps shall be directly connected to a permanently installed receptacle.



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THE FOLLOWING ITEMS ARE IN VIOLATION OF THE N.C. STATE FIRE PREVENTION CODE. YOU ARE REQUIRED TO CORRECT ALL ITEMS NOTED BELOW: Power-strips cannot be run in series. Each power-strip must run directly to a receptacle outlet. Have corrected in the following locations.....

1. To data equipment in room 400-F

#### 605.5 Extension cords.

Recheck violation record auto-generated from inspection on 02/22/2007. Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances.

Remove the non-approved or improperly used extensions cords being improperly used in the following locations.....

#### SECOND NOTICE

As of 12/19/2007 the above listed cord was still in place and run to a power-strip. Have cord removed.

#### 605.5 Extension cords.

Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances.

Remove the non-approved or improperly used extensions cords in the following locations.....

(2) in room 628, white light duty to pencil sharpener and orange cord to fan
623, orange to VCR
114, Art Room, orange cord in kiln room to provide power to Enviro-Vent for Kiln, (contact WCPSS Facilities and Maintainance to provide permanent power to Enviro-Vent)
101-A, yellow cord through door
Mobile classroom 7, orange cord to sewing machines



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6. 400-D, orange cord to extend length of power-strip

### 607.3 Elevator keys.

Recheck violation record auto-generated from inspection on 02/22/2007. Keys for the elevator car doors and fire-fighter service keys shall be kept in an approved location for immediate use by the fire department.

Emergency door operations keys were missing from the elevator equipment room in the 600 building.

SECOND NOTICE

As of 12/19/2007 there is still no emergency door operations key located inside the elevator equipment room located in the 600 building

#### 703.1 Maintenance.

Recheck violation record auto-generated from inspection on 02/22/2007. The required fire-resistance rating of fire-resistance-rated construction (including walls, fire stops,

shaft enclosures, partitions, smoke barriers, floors, fire-resistive coatings and sprayed fire-resistant materials applied to structural members, and fire-resistive joint systems) shall be maintained. Such elements shall be properly repaired, restored or replaced when damaged, altered, breached or penetrated. Openings made therein for the passage of pipes, electrical conduit, wires, ducts, air transfer openings, and holes made for any reason shall be protected with approved methods capable of resisting the passage of smoke and fire. Openings through fire-resistance-rated assemblies shall be protected by self-closing or automatic-closing doors of approved construction meeting the fire protection requirements for the assembly.

The following rated doors cannot be wedged or otherwise held in the open position.....

New Gym, stairwell door closer at top of stairwell to boy's locker room broken
New Gym, stairwell door at top of stairwell to girl's locker room wedged in the open position

SECOND NOTICE As of 12/19/2007 the above listed violations were still present.



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Recheck violation record auto-generated from inspection on 02/22/2007. Recheck violation record auto-generated from inspection on 03/29/2006. Recheck violation record auto-generated from inspection on 08/22/2005. Recheck violation record auto-generated from inspection on 09/10/2004.

The required fire-resistance rating of fire-resistance-rated construction (including walls, fire stops, shaft enclosures, partitions and floors) shall be maintained. Such elements shall be properly repaired, restored or replaced when damaged, altered, breached or penetrated. Openings made therein for the passage of pipes, electrical conduit, wires, ducts, air transfer openings, and holes made for any reason shall be protected with approved methods capable of resisting the passage of smoke and fire. Openings through fire-resistance-rated assemblies shall be protected by self-closing or automatic-closing doors of approved construction meeting the fire protection requirements for the assembly.

The following areas were found to have rated doors permanently wedged into the open position. The use of wedged, books, chairs, boxes or any other non-approved type hold-open device is to be discontinued. Have the following removed.....

1. Flip-down door stop used on door 804 and 808

SECOND NOTICE As of 8/22/2005 the above listed violations were found to have not been corrected

## THIRD NOTICE

FOURTH NOTICE

As of 2/22/2007 the flip-down hold-opens were found to still be present on the above listed doors.

#### FIFTH NOTICE



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#### 703.1 Maintenance.

The required fire-resistance rating of fire-resistance-rated construction (including walls, fire stops,

shaft enclosures, partitions, smoke barriers, floors, fire-resistive coatings and sprayed fire-resistant materials applied to structural members, and fire-resistive joint systems) shall be maintained. Such elements shall be properly repaired, restored or replaced when damaged, altered, breached or penetrated. Openings made therein for the passage of pipes, electrical conduit, wires, ducts, air transfer openings, and holes made for any reason shall be protected with approved methods capable of resisting the passage of smoke and fire. Openings through fire-resistance-rated assemblies shall be protected by self-closing or automatic-closing doors of approved construction meeting the fire protection requirements for the assembly.

The following rated doors cannot be wedged or otherwise held in the open position.....

1010-A, door to Auto-Tech storage room
E-01 of the 800 building

#### 703.2.3 Door operation.

Swinging fire doors shall close from the full-open position and latch automatically. The door closer shall exert enough force to close and latch the door from any partially open position.

The following self-closing, rated, corridor fire doors would not fully close and latch when released.....

(2) near 608 at the base of the stairs
Near 626
Top of stair near 620

### 703.3 Ceilings.

The hanging and displaying of decorative materials from ceiling systems that are part of a floor/ceiling or roof/ceiling assembly shall be prohibited. Remove the materials suspended in the following locations

1. 623, paper on ceiling tiles



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2. 724, string across room with suspended paper.

#### 906.2 General requirements.

Fire extinguishers shall be selected, installed and maintained in accordance with this section and NFPA 10.

1. The fire extinguisher located in main lobby of the Auditorium has leaked down/been discharged and is in need of replacement

2. The fire extinguisher located to the left side of the Stage set construction area has leaked down/been discharged and is in need of replacement.

3. The fire extinguisher located in Scince Lab 623 has been discharged. This fire extinguisher was used by the teacher to suppress a fire in a trash can in this room on March 9, 2007. It has not been replaced or recharged since that date and is still in the location left on that date. Have replaced immediately.

#### 906.6 Unobstructed and unobscured.

Fire extinguishers shall not be obstructed or obscured from view. In rooms or areas in which visual obstruction cannot be completely avoided, means shall be provided to indicate the locations of extinguishers.

The fire extinguisher cabinet located in the Cafeteria along the back wall cannot be opened due to the placement of one of the tables, therefore the fire extinguisher is not accessible and obstructed. Have the table relocated to maintain access to the fire extinguisher.

#### 906.7 Hangers and brackets.

Hand-held portable fire extinguishers, not housed in cabinets, shall be installed on the hangers or brackets supplied. Hangers or brackets shall be securely anchored to the mounting surface in accordance with the manufacturers installation instructions.

Have the fire extinguisher located in the Kiln room mounted



# **FIRE INSPECTION REPORT - NOTICE OF FIRE CODE VIOLATION**

NON-COMPLIANCE FEES WILL BE CHARGED UNLESS ALL VIOLATIONS ARE CORRECTED BY THE MUTUALLY AGREED UPON REINSPECTION DATE

WHOEVER FAILS TO COMPLY WITH ANY ORDER ISSUED BY THE FIRE MARSHAL OR HIS DEPUTY MAY BE CHARGED WITH A MISDEMEANOR AS PROVIDED BY G.S.153A-123(b) AND G.S.14.4. EACH DAY'S CONTINUING VIOLATION OF THE CODE IS A SEPARATE AND DISTINCT OFFENSE AS PROVIDED FOR IN G.S. 153A-123(g). CIVIL PENALTIES MAY ALSO BE ASSESSED. NON-COMPLIANCE CONSTITUTES REINSPECTION FEES. I AGREE TO CORRECT THE ABOVE VIOLATIONS BY THE MUTUALLY AGREED UPON REINSPECTION DATE. ALL FIRE INSPECTION REPORTS ARE PUBLIC RECORD AND ARE AVAILABLE UPON WRITTEN REQUEST.

**X**\_

Gupton, H. Lee Deputy Fire Marshal 919-856-5625

Principal/Asst. Principal