

Insp. No.:	5326	Followup:	1
File No.:	ED-404-1		
Orig. Insp. Date:	10/12/2005		
Previous Insp. Date:	10/12/2005		
Insp. Date:	1/3/2006		
Insp. Time:	2.00		
Travel:	0.75		
Inspector:	Lundquist, Brad		

State Fire Marshal Division
 Minnesota Department of Public Safety
 444 Cedar St., Suite 145
 St. Paul, MN 55101-5145



Order

Property: **Lake Benton Public School**
 Building:
 Section:
 Address: **101 Garfield St**
Lake Benton, MN 56149
 Contact: Contact Name/Phone: **Bill Delaney, Supt.**
 Contact E-mail: **wdelaney@lakebentonschool.org**
 Property Phone: **507-368-4236**

Owner: **Lake Benton School District**
PO Box 659
Tyler, MN 56149
 Contact: Contact Name/Phone: **Steve Bennett, Maintenance**
 Contact E-mail:
 Owner Phone: **507-247-5090**

Item #	Ref #	Code	Section	Days to Correct	Violation	Remarks	Corrected/Days to Correct
1	7	MN Stat.	299.F.18	0	Remove and discontinue excessive accumulation of combustible materials.	Pool areas.	
2	374	MSFC	2605.2	0	All compressed gas cylinders to be stored in upright position and shall be secured to prevent falling or tipping over. See Also MSFC 3003, 3004, and 3005.	Cylinders shall be properly separated for storage in welding shop.	
3	32	MSFC	315.2.3	7	Remove combustible storage from all mechanical equipment rooms.		
4	636	MSFC	901.6	7	Replace missing ceiling tile in areas where automatic sprinkler protection or automatic fire detection is present. Maintain ceiling tile(s) in place in these locations - or - provide automatic fire protection equipment above and below the ceiling tile.	1) Room 308.	
5	80	MSFC	605.4	7	Discontinue use of all multi-plug adapters.	Remove multi plug adaptors installed in wall outlets including but not limited to these areas: 1) Custodial office. 2) Classrooms.	
6	642	MSFC	1303	7	Maintain accumulations of dust to a minimum. Floors and other surface dust must be collected by vacuum cleaning. Forced air must not be used.	Large wood shop.	
7	319	MSFC	1011.2	10	All exits shall be continually maintained free of all obstructions that would prevent their use.	1) Room 307 Library exit is obstructed by bookcase.	
8	23	MSFC	311.2.2	10	Maintain all alarm, sprinklers, and standpipe systems and equipment in an operable condition. Note: if building is completely clear of all combustibles and no fire hazards are present, protection may be omitted.	Vacated pool areas.	

Item #	Ref #	Code	Section	Days to Correct	Violation	Remarks	Corrected/Days to Correct
9	24	MSFC	311.2.3	10	Provide and maintain fire barriers or fire walls to separate vacant spaces from the remainder of the building.	Pool from school building.	
10	115	MSFC	703.2	10	Fire doors and smoke barrier doors shall not be blocked, obstructed, or otherwise made inoperable. Door shall not be obstructed with wedges, rocks, blocks, cans, jugs, or any object that will obstruct proper operation of these doors.	1) Teacher's lounge. 2) Classroom doors. 3) Room 31 welding shop door to corridor shall be kept closed.	
11	626	MSFC	604.3.2	30	Provide a written record of the testing and maintenance of emergency and standby power systems and equipment (including emergency lighting).	this shall be done monthly and kept on file.	
12	383	MSFC	2703.2.2.1	30	Provide and identify gas shutoff valves in science rooms that have gas outlets for student use. Rooms to have an approved readily accessible main gas shut off valve in each room equipped with gas connections. Gas shutoff valves shall be identified and th	Science areas.	
13	126	MSFC	803.3.1	30	Discontinue the storage of clothing and personal effects in corridors and lobbies – OR – provide automatic fire sprinkler protection in these areas – OR – provide metal lockers for the storage of these materials.		
14	84	MSFC	605.5	30	Remove extension cords that are being used as a substitute for permanent wiring.	1) 3rd floor library 307. 2) Room 315. 3) Music room. 4) Band office.	
15	87	MSFC	605.7	30	Discontinue the use of the following appliances and fixtures that are not listed for commercial use. Heat producing appliances listed for household use are not acceptable in this facility.	1) Room 307 Library. 2) Teacher's lounge. Note: Coffee makers shall be listed for COMMERCIAL USE.	
16	243	MSFC	1003.3.1.8	30	Remove unapproved locking devices from exit doors. Exit doors shall be openable from the inside without the use of a key or any special knowledge or effort.	1) Custodial electrical room (padlock). 2) Boiler room (padlock). 3) Large gym stage gates (padlock).	
17	662	MSFC	605.1	30	Repair electrical hazards.	1) Fixture small storage room. 2) Wiring large gym stage.	
18	49	MSFC	504.1	30	Provide and maintain an approved access walkway to the following exterior doors and openings for emergency access by the fire department:	1) Door #10 shall have approved walkway installed.	
19	180	MSFC	904.11.5	30	Provide a Class K portable fire extinguisher having a minimum 40-B rating mounted within 30 feet travel distance of commercial cooking equipment utilizing vegetable or animal oils and fats.	Kitchen.	
20	47	MSFC	503.3	30	Provide approved signage for the fire lane. Signs must say 'NO PARKING - FIRE LANE'.	Contact local fire chief for assistance.	
21	28	MSFC	315.2.1	30	Maintain storage at least 2 feet below the ceiling.	Large wood shop.	

Item #	Ref #	Code	Section	Days to Correct	Violation	Remarks	Corrected/Days to Correct
22	699	MSFC	1003.2	45	The means of egress system (all exits and exit access) shall comply with the design requirements of Sections 1003.2.1 through 1003.2.13.7.1.	Third floor doors on both ends obstruct the direction of egress travel for second exits from this level and shall be corrected.	
23	1	MN Stat.	121.A.31	60	Complete and maintain on file a science lab checklist for Science Rooms using hazardous materials.	This list shall address all parts of the checklist including but not limited to these items: 1) Separation. 2) Fire Protection devices. 3) Storage of chemicals. 4) Number of exits.	
24	34	MSFC	315.2.4	60	Provide one hour fire rated construction on the storage side of the following rooms or areas used for combustible storage – OR – provide sprinkler protection throughout the room or area. All openings into these rooms or areas must be protected with fire	1) Custodial room #4. 2) Pool from school corridor. 3) Room 40 storage. 4) 3rd floor storage rooms. 5) 3rd floor library storage. 6) Room 221 athletic storage. 7) FAC Room shall be separated from Corridor. 8) Nurses/storage room. 9) Room 123 storage. 10) Small gym storage. 11) Large gym storage. 12) Large gym New storage room. 13) Basement storage room #4.	
25	640	MSFC	1010.1	60	Provide or relocate and maintain approved exit signs to indicate a clear path to the exits. Reference also 1003.2.10.	Exit signs shall be provided above self closing doors on third floor.	
26	231	MSFC	1003.2.10	60	Rooms requiring two or more exits or exit access doors shall have exit signs installed. Such signs shall be readily visible from any direction of egress travel.	1) Room 307 Library.	
27	93	MSFC	701.1	60	Provide approved self-closing devices for required fire-rated doors.	1) FACS room door.	
28	86	MSFC	605.6	60	Provide approved covers for all open electrical junction boxes, receptacles, switches and appliances.	1) Ceiling junction box by Supt. ofc. 2) Art room storage ceiling fixture.	
29	75	MSFC	605.1	60	Provide documentation from a licensed electrician that the building's electrical service and wiring has been inspected and that all hazards found have been corrected.	Correct electrical wiring and fixtures in accordance with the electrical code.	
30	631	MSFC	605.1	60	All light fixtures shall be maintained with protective globes if originally equipped.	1) Boy's locker room.	
31	45	MSFC	408.3	90	Provide fire evacuation drills in compliance with the following: 1. First drill within 10 days of school start, 2. Time of day to vary, 3. Assembly points to be a safe distance from school building (at least 50 feet), 4. Accountability of students must be		
32	557	MSFC	510.1	90	Fire protection equipment shall be identified in an approved manner. Rooms containing controls for air conditioning systems, sprinkler risers and valves, or other fire detection, suppression or control elements shall be identified for fire department use.		

Item #	Ref #	Code	Section	Days to Correct	Violation	Remarks	Corrected/Days to Correct
33	206	MSFC	907.3	90	Provide an approved fire alarm system. Such system shall be installed in accordance with the 2003 MSFC and NFPA 72.	Note: all wiring for fire alarm system shall be of the low voltage type.	
34	119	MSFC	704	90	Provide one-hour fire rated enclosure of the unprotected vertical openings -OR- provide sprinkler protection throughout the building. Unprotected vertical openings connect more than two stories and include stairways, utility shaft, and interior chutes.	This building has multiple levels and shall be corrected.	
35	13	MSFC	104.7.2	90	Provide a technical report analyzing the fire and life safety provisions of the building or spaces. This technical report shall be prepared by a qualified architect, engineer, specialist, laboratory or fire safety specialist.	This report shall also included the vacated pool areas.	
36	315	MSFC	1010.17	90	Provide approved one-hour fire resistance-rated construction for exit corridors -OR- provide sprinkler protection throughout the building. If fire-rated option is selected, all doorways accessing corridors shall be protected by 20-minute fire-rated assemb	Protection shall be provided throughout the entire facility with one complete system.	
37	193	MSFC	907.2.3.1	90	Provide approved automatic detection in laundry rooms, boiler rooms, mechanical rooms, electrical rooms, shops, laboratories, kitchens, locker rooms, janitor's closets, trash-collection rooms, storage rooms, and lounges. Automatic detection to be connecte	1) Rm 40 Storage 2) Rm 315 Library storage 3) Rm 221 Athletic storage 4) Classroom storage area or remove excess storage items 5) 2nd floor storage area 6) Rm 218 storage 7) Nurses/storage rm (This rm shall be separated from storage and nurses spaces or be used for either storage or nursing students) 8) Rm 123 storage 9) Boiler rm rear storage 10) Teachers lounge 11) Rm 108 storage 12) Large gym wood structure storage 13) Cafeteria Note: Areas used for storage or hazardous shall have protection.	
38	297	MSFC	1010.5	90	Emergency lighting shall be provided installed and maintain operational in the following areas where two or more means of egress are required. This includes the following areas: (1) interior corridors passageways aisles and spaces, (2) exit stairways, (3)	1) Third floor center area between self closing doors. 2) Corridors.	
39	250	MSFC	1003.3.1.9	90	Provide approved panic hardware on exit doors at the following locations:	1) Cafeteria. 2) Small gym lower door. 3) Large gym exit doors.	
40	297	MSFC	1010.5	90	Emergency lighting shall be provided installed and maintain operational in the following areas where two or more means of egress are required. This includes the following areas: (1) interior corridors passageways aisles and spaces, (2) exit stairways, (3)	1) Room 307 Library. 2) All rooms with required two or more exits.	

Item #	Ref #	Code	Section	Days to Correct	Violation	Remarks	Corrected/Days to Correct
41	542	MSFC	703.1	90	The required fire-resistance rating of fire-resistance-rated construction (including walls, fire stops, shaft enclosures, partitions and floors) shall be maintained.	Exposed rafters in the basement areas shall be protected and separated.	
42	542	MSFC	703.1	90	The required fire-resistance rating of fire-resistance-rated construction (including walls, fire stops, shaft enclosures, partitions and floors) shall be maintained.	Basement areas below school rafters.	
43	342	MSFC	1903.2	90	Provide an approved dust collection and exhaust system for equipment or machinery which generates or emits combustible dust. Such systems shall be in accordance with the MSFC Chapter 13.	Large wood shop.	

Follow-up Inspection Remarks: The Supt. & School Board shall submit a written plan of correction regarding each violation with date to be completed and provide a technical report under item #35 no later than 3-1-06. The district shall make a good faith effort to complete all violations in a timely manner and submit bi-monthly reports listing each violation and correction plan. This building remains out of compliance with current and previous State Fire Marshal orders.

Initial Inspection Remarks:

Previous Follow-up Inspection Remarks:

Appears to meet minimum requirements.

Date:

Owner/Representative:

Inspector: Bradley Lundquist, DSFM #69 (612-269-5663 Work Cell)

A variance procedure is available. Please contact the inspector named for further assistance with this or any other matter.