



DIVISION OF INDUSTRY SERVICES
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Scott Walker, Governor
Dave Ross, Secretary

NOTICE OF VIOLATIONS AND ORDERS

October 28, 2014

CUST ID No.: 611368
Phone: 608/994-2715

TRANSACTION No.: 2473432

SUPERINTENDENT LEE PRITZL
RIVER RIDGE SCHOOL DISTRICT
11165 CTY HWY P
PATCH GROVE WI 53817

Site ID No.: 607064 River Ridge Middle School
SITE ADDRESS: 545 Mill St
Grant County, Village of Bloomington
Site Contact: LEE PRITZL
Contact Phone: (608) 994-2715
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Regulated Objects:

Facility: 607064 RIVER RIDGE MIDDLE SCHOOL
545 MILL ST
BLOOMINGTON 53804

Description: Public Sector Audit - Bloomington School
Object Type: Public Sector Audit Regulated Object ID No.: 1510114
Last Inspection Date: October 8, 2014

INVESTIGATION NOTES:

This DEPARTMENT ORDER is issued as a result of an inspection on the above referenced site.

The following violations were revealed:

1. Code Section Violated: **101.11 Employer's duty to furnish safe employment and place.**

101.11(1) Every employer shall furnish employment which shall be safe for the employees therein and shall furnish a place of employment which shall be safe for employees therein and for frequenters thereof and shall furnish and use safety devices and safeguards, and shall adopt and use methods and processes reasonably adequate to render such employment and places of employment safe, and shall do every other thing reasonably necessary to protect the life, health, safety, and welfare of such employees and frequenters. Every employer and every owner of a place of employment or a public building now or hereafter constructed shall so construct, repair or maintain such place of employment or public building as to render the same safe.

101.11(2)

1. 101.11(2)(a) No employer shall require, permit or suffer any employee to go or be in any employment or place of employment which is not safe, and no such employer shall fail to furnish, provide and use safety devices and safeguards, or fail to adopt and use methods and processes reasonably adequate to render such employment and place of employment safe, and no such employer shall fail or neglect to do every other thing reasonably necessary to protect the life, health, safety or welfare of such employees and frequenters; and no employer or owner, or other person shall hereafter construct or occupy or maintain any place of employment, or public building, that is not safe, nor prepare plans which shall fail to provide for making the same safe.

Conditions Found: Multiple violations of State of Wisconsin Electrical code SPS 316 and the NEC as reported in Regulated Objects Transaction No. 2465414 and provided below. Violation of codes SPS 361, 364, 365; IMC 504 & 923 as referenced in regulated Objects Transaction No. 2474416 and provided herein.

Action Required: Compliance with Regulated Objects Transaction No.'s 2465414 & 2474416 as listed below.

Transaction No. 2465414

The following violations were revealed:

- * NEC 700.3 Tests and Maintenance: Several battery back-up emergency lights are not in working order and appear to have no back-up power source in case of power failure. A test shall be conducted for the emergency lighting and exit lights. All non functional emergency lights, batteries and exit lights shall be promptly repaired. A written record of the emergency test shall be submitted to State Electrical Inspector Anthony Tadysak and kept on site of the facility.
- * NEC 700.3 Tests and Maintenance: A test of the fire alarm system shall be conducted. The last test of the fire alarm system on record was 2006. A written record of the fire alarm test shall be submitted to State Electrical Inspector Anthony Tadysak and kept on site of the facility.
- * NEC Article 334 Type NM Romex Cable: The building is Type 2 construction. NM Romex is not allowed as a wiring method in the School. All NM Romex cable shall be removed and reworked with a code compliant wiring method.
- * NEC 400.8 Extension Cords: Extension cords are being used in the school as a substitute for permanent wiring. It shall be necessary to remove all extension cords and replace with a recognized NEC chapter 3 wiring method.
- * NEC 110.12 Unused openings: All unused electrical openings in electrical boxes and equipment shall be closed. All electrical boxes shall be installed with a cover to conceal the electrical wiring.
- * NEC 408.4: Every circuit and circuit modification shall be legibly identified as to its clear, evident, and specific purpose or use. It was noted on the inspection that several electrical circuits are not identified in the electrical panels throughout the school.
- * NEC 400.8 Flexible cords, uses not permitted: Flexible cords are not permitted in the suspended ceilings of the school. It was noted on the inspection that projectors have been installed in the classrooms. The 120-volt cords for the projectors have been run through holes in the suspended ceiling and are located above the suspended ceiling. Rework the installation and wiring method.
- * NEC 314.27(C) Electrical boxes for ceiling fans: All electrical boxes used for ceiling fan support shall be listed and suitable for this purpose.
- * NEC 110.26 Spaces about electrical equipment: Access and working space shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. The working clearances for all electrical panels shall comply with NEC Table 110.26(A)(1)& (2).
- * SPS 316.010: Remove abandoned cord drops in the Art Room and Old Agricultural Shop Room.
- * SPS 316.010: Rework/Repair the Boiler water pump electrical junction box. The box is adjacent to the boiler in the mechanical room.
- * Rework the Water Heater Controller in the Mechanical Room. The Controller is wired by an extension cord.
- * Room 110A Data Service Room: Rework Exposed electrical wires by the electrical Panel.
- * NEC 760.24, 800.24, 725.24 Installation requirements for low voltage & Fire Alarm Wiring. All Low Voltage and Fire Alarm Wiring shall be independently supported by straps, staples, cable ties, or similar fittings designed and installed so as not to damage the cable. The wiring shall not be laid on the ceiling grid unsupported, or secured to conduits or other foreign systems. All low voltage wiring shall be fastened in accordance with state code requirements.

Please note: State of Wisconsin Electrical code SPS 316.010: Any equipment or electrical installation known to be defective so as to endanger life or property shall be promptly repaired, permanently disconnected, or isolated until repairs can be made.

The above violations shall be corrected by State of Wisconsin Licensed Electricians and the corrections shall be supervised by a State of Wisconsin Master Electrician.

Transaction No. 2474416

SPS 361.30(3) – Submit four (4) sets of Heating, ventilating and air conditioning plans, with one (1) set of calculations all of which are to be properly stamped, signed and dated, a completed SBD-118 application form and fees to this Department for review and approval. **The submitted plans shall show how proper ventilation will be provided for the guidance room 166, room 164, the weight room, the office off of the stage, and the custodial room. These rooms shall be unoccupied (i.e. used for storage) or proper ventilation shall be provided. The air conditioning unit supplied from the hallway into the IT closet located in the special education room shall also be addressed.**

IMC/SPS 364.0313(1) - Every heating, ventilating and air-conditioning system shall be balanced. The person or agency responsible for balancing of the ventilating system shall document in writing the amount of outdoor air being provided and distributed for the building occupants, exhausts, and any other specialty ventilation. **Several areas of the building appear to lack ventilation (i.e. gym). A test and balance report measuring supply, return and outside air shall be provided for the entire building in order to properly identify those areas which need to be brought into compliance.**

IND 64.08 / IMC 504/IFGC 613 – Exhaust vents shall be ducted to the exterior of the building. Provide clothes dryer exhaust ducts such that they meet listed requirements which include, but are not limited to, vertical cleanouts, required metal ducts, limited duct lengths, required label or tag addressing equivalent length of the exhaust duct located within 6 ft of the duct connection, minimum duct size, shield plate installation, and prohibition of screws to connect duct sections. In addition, clothes dryer exhaust ducts shall be independent of all other systems and shall convey moisture and products of combustion outside the building. **The exhaust duct for the dryer located in the custodial room appears to be vented into the floor with no outlet to be found. This exhaust duct shall be installed per manufacturer's installation requirements and shall be ducted to the exterior of the building.**


IMC 923 – Kilns shall be installed in accordance with the manufacturer's installation instructions. **The exhaust fan for the kiln is labeled for 485 cfm. The exhaust rate during inspection appeared to be significantly less.**

SPS 365.0400 – All gas piping and gas piping installations shall comply with NFPA 54. **NFPA 54 7.9.2.4** – Each laboratory space containing two or more gas outlets installed on tables, benches, or in hoods in educational, research, commercial, and industrial occupancies shall have a single shutoff valve through which all such gas outlets are supplied. The shutoff valve shall be accessible, located within the laboratory or adjacent to the laboratory's egress door, and identified.

You are hereby ordered to have the installation corrected to conform to the indicated provisions of the Wisconsin Administrative Code and/or Wisconsin Statutes. This installation shall be corrected by the compliance date noted, and upon correction of violations I must be notified. If you fail to comply, this order is enforceable in circuit court pursuant to s. 101.02(13), Stats., with forfeitures ranging from \$10 to \$100 per day for each violation

If you have any questions regarding this matter, please feel free to contact me at the number listed below.

Ch. 101.02(6)(e) stats. Any employer or other person interested either because of ownership in or occupation of any property affected by any such order, or otherwise, may petition for a hearing on the reasonableness of any order of the department in the manner provided in this subchapter.

INSPECTOR NAME: Ann Jurkowski		INVESTIGATION DATE: 10/08/2014
PHONE/WORK HOURS: (608)438-6331, M-F		
E-MAIL: ann.jurkowski@wisconsin.gov		INVESTIGATION TYPE: Requested
SIGNATURE:	DATE:	INVESTIGATION SOURCE: Other
	10/28/14	COMPLIANCE DATE: 12/22/14

cc: School District