

DEPARTMENT OF PUBLIC SAFETY

Division of Fire Safety

8 CCR 1507-30

CODE ENFORCEMENT AND CERTIFICATION OF INSPECTORS FOR PUBLIC SCHOOLS, CHARTER SCHOOLS AND JUNIOR COLLEGES

SECTION ~~ARTICLE~~ 1 – Purpose and Authority to Promulgate ~~Rules~~ Regulations

1.1 Purpose:

1.1.1 These regulations establish uniform standards and minimum requirements for the construction, inspection and maintenance of public school buildings and structures.

1.1.2 The purpose of these regulations is to provide safe buildings, by regulating features including structural strength and stability, means of egress facilities, sanitation, adequate light and ventilation, energy conservation and protection from fire and other hazards attributed to the built environment, thereby protecting the health, safety and welfare of the public, and the emergency responders operating in the building.

1.2 Technical Rationale

1.2.1 The technical requirements of these regulations are supported primarily by codes developed by the International Code Council, a membership association dedicated to building safety and fire prevention. These regulations establish minimum requirements for building systems using prescriptive and performance related provisions, which are widely used to construct residential and commercial buildings, including homes and schools.

1.3 Statutory Authority

1.3.1 ~~4.1~~ Sections 22-32-124, 23-71-122 and 24-33.5-1203, C.R.S. establish the authority and duty of the Division of Fire Safety to conduct or oversee construction plan reviews and inspections required by the adopted ~~Fire Codes~~ for buildings and structures of public schools, institute charter schools, charter schools and junior colleges.

1.3.2 ~~4.2~~ Sections 22-32-124 and 23-71-122, C.R.S. establish the authority of the local fire department or the Division of Fire Safety to inspect buildings and structures of a Board when deemed necessary to assure that they are maintained in accordance with the adopted Fire Code.

1.3.3 ~~4.3~~ Section 24-33.5-1211 C.R.S. establishes the authority and duty of the Division of Fire Safety to certify persons to conduct Fire Code plan reviews and inspections for buildings and structures of public schools, institute charter schools, charter schools and junior colleges. The Director of the Division of ~~Fire~~ Safety is authorized to establish fees and charges necessary to defray the anticipated costs of the program.

1.3.4 ~~4.4~~ Section 24-33.5-1213.5, C.R.S. establishes the authority and duty of the Division of Fire Safety to certify persons to conduct Building Code plan reviews and inspections for buildings and structures of public schools, institute charter schools, charter schools and junior colleges. The Director of the Division of Fire Safety is authorized to establish fees and charges necessary to defray the anticipated costs of the program.

1.3.5 The Director of the Division of Fire Safety is authorized by the provisions of section 24-33.5-1203.5, C.R.S., to promulgate rules and regulations in order to carry out the duties of the Division of Fire Safety. This regulation is adopted pursuant to the authority in section 24-33.5-1203.5, C.R.S. and is intended to be consistent with the requirements of the State Administrative Procedures Act, section 24-4-101, et seq. (the "APA"), C.R.S.

SECTION ARTICLE 2 – Definitions

2.1 –The definitions provided in 24 33.5 1202, C.R.S., shall apply to these rules and regulations-. The following additional definitions shall also apply:

2.1.1 ~~BOARD – means~~ The school district board of education, charter school, institute charter school, junior college, or their designated representative, subject to these regulations.

BUILDING DEPARTMENT - The appropriate building department of a county, town, city, or city and county and includes a building department within a fire department.

BUILDING PERMIT - An official document issued by the Division, or a prequalified building department, which authorizes the erection, alteration, demolition and/or moving of buildings and structures.

CERTIFICATE OF COMPLIANCE - A certificate stating that materials and products meet specified standards, or that work was performed in compliance with approved construction documents.

CERTIFICATE OF OCCUPANCY - An official document issued by the Division, or the prequalified building department, which authorizes a building or structure to be used or occupied.

CEU – Means continuing education units. Each 10 hours of related professional development activities equals one CEU.

2.1.2 ~~COMPANY – means~~ A corporation, partnership, firm or association, two or more persons having a joint or common interest, or any other legal or commercial entity.

CORE AND SHELL PERMIT - An official document issued by the Division, or the prequalified building department, which is limited to authorizing the construction of foundation, columns, floor slabs, roof structure, exterior walls, and exterior glazing to the point of the building being weather tight.

2.1.3 ~~CEU – means continuing education units. Each 10 hours of related professional development activities equals one CEU. Eff 10/30/2008~~

2.1.4 ~~C.R.S. – means Colorado Revised Statutes Eff 10/30/2008~~

2.1.5 ~~CONSTRUCTION -~~ means work that is not considered as maintenance or service, and that requires a building permit or annual permit as indicated in the rules promulgated by the Division of Oil and Public Safety.

C.R.S. – Means Colorado Revised Statutes

DEMOLITION PERMIT - An official document issued by the Division, or the prequalified building department, which is limited to authorizing the demolition of all or part of a building or structure.

2.1.6 ~~DIVISION OF FIRE SAFETY – Means~~ The Division of Fire Safety in the Office of Preparedness, Security, and Fire Safety in the Department of Public Safety.

~~2.1.7 DIVISION OF OIL AND PUBLIC SAFETY – The Division of Oil and Public Safety in the Department of Labor and Employment. Eff 10/30/2008~~

~~2.1.8 EMPLOYEE – means a paid or volunteer member of a fire department. Eff 10/30/2008~~

~~2.1.9 FIRE CODE OFFICIAL – means~~ ~~The designated authority charged with the administration and enforcement of the Fire Code. Refer to SECTION~~ Article 3-5 ~~for information pertaining to the definition of the Fire Code Official. Eff 10/30/2008~~

FOUNDATION - Work related to building footings, piers, foundation walls, slabs on grade, under slab and underground building services.

FOUNDATION ONLY PERMIT - An official document issued by the Division, or the prequalified building department, which is limited to authorizing the construction of foundations.

~~2.1.10 ICC – means~~ Means the International Code Council and its Legacy Codes.

~~2.1.11 INDIVIDUAL (or PERSON) – M~~ means a person, including an owner, manager, officer, employee, or individual.

~~2.1.12 INSPECTION, TESTING AND MAINTENANCE PROGRAM – means a~~ A program conducted by the building owner to satisfy the periodic inspection, testing and maintenance requirements of fire protection and life safety systems as required by applicable codes and standards.

~~2.1.13 INSTALLATION – means~~ The initial placement of equipment or the extension, modification or alteration of equipment after the initial placement.

~~2.1.14 LOCAL AUTHORITY HAVING JURISDICTION (AHJ) – means~~ The Building Department, Fire Chief, Fire Marshal or other designated official of a county, municipality, or special district that has fire protection and life safety systems enforcement responsibilities and employs or otherwise provides a Certified Fire Inspector.

~~2.1.15 MAINTENANCE – means~~ To sustain in a condition of repair that will allow performance as originally designed or intended.

~~2.1.16 MAINTENANCE INSPECTIONS – refers~~ Refers to periodic inspections conducted by the local fire department or the Division of Fire Safety to verify conformance with the adopted Fire Code, ~~rules~~ regulations and standards. Such maintenance inspections shall not be considered to relieve the building owner of the responsibility to conduct an inspection, testing and maintenance program for fire protection and life safety systems as required by the adopted Fire Code and Standards.

MECHANICAL PERMIT – An official document issued by the Division, or prequalified building department, which is limited to authorizing an owner, authorized agent or contractor who desires to erect, install, enlarge, alter, repair, remove, convert or replace a mechanical system.

MOU – Means memorandum of understanding.

~~2.1.17 NICET – means~~ Means the National Institute for Certification in Engineering Technologies.

~~2.1.18 NFPA – means~~ Means the National Fire Protection Association.

~~2.1.19~~ PROFESSIONAL ENGINEER – ~~means~~ Means licensed in the State of Colorado as an engineer and working within competence, training and/or education pertinent to fire protection and life safety.

QUALIFIED FIRE DEPARTMENT - A fire department providing fire protection service for the buildings and structures of the Board that has certified fire inspectors, as defined by C.R.S. 24-33.5-1202(2.5), at the appropriate level for the task being performed.

QUALIFIED TRADESPERSON - Means an employee of the Board who has satisfactorily demonstrated to the Division that they either hold a current building inspector certification from ICC or other similar national organization, or have at least five years of demonstrated education, training, and experience in commercial building construction or inspection.

~~2.1.20~~ SERVICE (or REPAIR) – ~~means~~ Means to repair in order to return the system to operation as originally designed or intended.

TEMPORARY CERTIFICATE OF OCCUPANCY - An official document issued by the Division, or the prequalified building department, which authorizes a building or structure to be temporarily used or occupied for a period not to exceed 90 days, unless an extension has been granted by the Division, or the prequalified building department.

TEMPORARY CONSTRUCTION TRAILER/OFFICE – A temporary modular building, owned and operated by the contractor that is less than 1,000 square feet and placed for less than 90 days. Trailers meeting this definition are exempt from this regulation. Trailers not meeting this definition shall be considered as a modular building and permitted as such.

ARTICLE 3 – Codes, Documents and Standards incorporated by reference

3.1 The following codes are adopted and promulgated as minimum standards for the construction and maintenance of all property, buildings and structures of a Board in the State of Colorado.

3.1.1 International Building Code - 2006 Edition, Third Printing: March 2007 (Copyright 2006 by International Code Council, Inc. Washington, D.C.).

3.1.2 International Fire Code - 2006 Edition, Third Printing: April 2007 (Copyright 2006 by International Code Council, Inc. - Washington, D.C.), including Appendices B and C.

3.1.3 International Mechanical Code - 2006 Edition, Second Printing: December 2007 (Copyright 2006 by International Code Council, Inc. - Washington, D.C.).

3.1.4 International Energy Conservation Code - 2006 Edition, First Printing: January 2007 (Copyright 2006 by International Code Council, Inc. - Washington, D.C.).

3.1.5 International Existing Building Code- 2006 Edition, First Printing: January 2007 (Copyright 2006 by International Code Council, Inc. - Washington, D.C.).

3.1.6 International Residential Code – 2006 Edition, Second Printing: November 2006 (Copyright 2006 by International Code Council, Inc. - Washington, D.C.).

3.2 The Division shall maintain copies of the complete texts of the adopted, which are available for public inspection during regular business hours. Interested parties may inspect the referenced incorporated materials by contacting the Public School Construction Program Administrator at the Division of Fire Safety and/or The State Depository Libraries.

3.3 In the event that a new edition of the code is adopted after a permit has been issued, the edition of the code current at the time of permit application shall remain in effect throughout the work authorized by the permit.

3.4 This rule does not include later amendments or editions of the incorporated material.

ARTICLE 4 – Prequalification of Building Department.

4.1 The Division may prequalify a building department to conduct the necessary plan reviews, issue building permits, conduct inspections, issue certificates of occupancy, issue temporary certificates of occupancy, and take enforcement action to ensure that a building or structure has been constructed in conformity with these regulations.

4.2 In lieu of applying for a building permit through the Division, an affected Board may, at its own discretion, opt to use a prequalified building department that has entered into a MOU with the Division as the delegated authority to conduct building code plan reviews, inspections and issue certificates of occupancy.

4.3 Prequalification Process

4.3.1 Application Form: In order to be considered for prequalification, the building department shall complete an application form, and include each qualified applicant seeking certification as a plan reviewer or inspector on a public school construction project. Qualified applicants shall have the following minimum qualifications:

A) Hold current appropriate plan reviewer and/or building inspector certifications from ICC or other similar national organization, and have demonstrated education, training, and experience, or

B) If an applicant is not certified in his or her respective field, the applicant shall have at least five years of demonstrated education, training, and experience in commercial building inspections and receive national certification within one year after the date of certification by the Division.

C) Plan reviewer and Inspector certifications issued by the Division to applicants holding ICC or national certifications will be valid for three years, whereas certifications issued to applicants on the basis of demonstrated education, training, and experience will be valid for one year, and will require ICC or national certification prior to renewal.

4.3.2 Memorandum of Understanding: After the Division has reviewed the application and determined that the building department has plan reviewers and inspectors that have the necessary education, training, and experience; the Division may issue and execute a Memorandum of Understanding (MOU) between the building department and the Division. Pursuant to this MOU, the Division may prequalify a building department to conduct the necessary plan reviews, issue building permits, conduct inspections, issue certificates of occupancy, and issue temporary certificates of occupancy to ensure that a building or structure has been constructed in conformity with the adopted building and fire codes, and take enforcement action.

A) Nothing in the MOU shall be construed to allow the building department to take enforcement action other than in relation to the building and fire codes adopted by the Division.

4.4 Duties of prequalified building departments

- 4.4.1 The prequalified building department shall conduct the necessary plan reviews, issue building permits, conduct inspections, issue certificates of occupancy, issue temporary certificates of occupancy, and take enforcement action to ensure that a building or structure constructed in conformity with the building and fire codes adopted by the Division.
- 4.4.2 The prequalified building department shall not take enforcement action other than in relation to the building and fire codes adopted by the Division.
- 4.4.3 The prequalified building department shall only use plan reviewers and inspectors within their building department that have been certified by the Division to work on public school construction projects.
- 4.4.4 The prequalified building department shall cause copies of the building plans to be sent to the local fire department and the Division for review of fire safety issues.
- 4.4.5 If the building or structure is in conformity with the adopted building and fire codes, and if the qualified fire Department or the Division certifies that the building or structure is in compliance with the adopted fire code, the prequalified building department shall issue the necessary certificate of occupancy prior to use of the building or structure by the permit applicant.
- 4.4.6 If all inspections are not completed and the Board requires immediate occupancy, and if the Board has passed the appropriate inspections that indicate there are no life safety issues, the prequalified building department may issue a Temporary Certificate of Occupancy to allow the Board to occupy the buildings and structures.
- 4.4.7 The prequalified building department shall attest that inspections are complete and all violations are corrected before the Board is issued a Certificate of Occupancy. Inspection records shall be retained by the prequalified building department for two years after the certificate of occupancy is issued.
- 4.4.8 The prequalified building department may set reasonable fees and collect these fees to offset the cost of plan review and inspection of public school construction projects. Public School Boards shall be notified of any adjustment of fees a minimum of thirty (30) days prior to the effective date of the change

SECTION ARTICLE 3-5 – Definition of Fire Code Official and Delegation of Fire Code Authority.

- ~~3-4~~5.1 –The Fire Code Official for buildings and structures of public schools, institute charter schools, charter schools and junior colleges shall be the Division of Fire Safety.
- ~~3-2~~5.2 Where the local authority having jurisdiction has Certified Fire Inspectors at the appropriate level for the task, the responsibility of conducting the necessary construction plan reviews and inspections required by the adopted Fire Code will be delegated to the local authority having jurisdiction in the location of the structure. Upon delegation of this responsibility, the local authority having jurisdiction shall be considered as the Fire Code Official.
- ~~3-3~~5.3 – If the local authority declines to perform the plan review or any subsequent inspection, or if a certified fire inspector is not available, the Division of Fire Safety shall perform the construction plan reviews and inspections required by the adopted Fire Code and shall be considered as the Fire Code Official.

ARTICLE 6 – Building Permit Application

6.1 Building Construction Notification:

6.1.1 For projects that require a permit that will be reviewed and inspected by a prequalified building department, the board must notify the Division within five days of initiating a project. Notification should include:

- A) Name of project (including school district);
- B) Location of project;
- C) Scope of work;
- D) Projected cost;
- E) Planned construction start and end dates;
- F) Selection of fire code official (Qualified Fire Department or Division);
- G) Selection of building code official (prequalified building department).

6.2 Preliminary Application Package Review

6.2.1 For any construction project, the Board may hold, or the Division may request, a preliminary review meeting with either The Division or the prequalified building department, and the local fire department, at the appropriate design stage of document preparation.

6.2.2 If a preliminary review meeting is requested, the following items should be included in the preliminary review package:

- A) A key plan or site plan as applicable, showing the property address(s) (or legal description), boundaries, existing buildings, proposed buildings and/or additions, parking lots, fenced areas, fire hydrants, fire equipment access, water supply and topography.
- B) Sufficient documentation to illustrate and describe the design of the project, establishing the scope, relationships, forms, size and appearance of the project by means of plans, sections and elevations, typical construction details, and equipment layouts. The documents shall include outline specifications that identify major materials and systems and establish in general their quality levels.
- C) A code plan that includes the following minimum information.
 - (1) Calculation of the allowable and actual square footage of the new construction;
 - (2) The floor plan of all new construction, existing to remain, and remodel areas;
 - (3) The proposed occupancy group(s) of the building. Include daytime use and after-hours use occupancy groups where applicable;
 - (4) All fire and smoke rated construction (including rated exit corridors, fire walls, fire barriers, fire partitions, smoke barriers), and construction capable of resisting the passage of smoke; and

(5) All exits and all stairways.

6.2.3 The Division, the local fire department, and/or the Board may request a meeting or teleconference, in a timely manner, at any time during the preliminary review. The Division shall make reasonable accommodations for such meeting or teleconference.

6.3 Building Permit Application Submittal

6.3.1 For all construction projects not covered under an annual building permit, a small project permit or a fire protection permit as defined this Article, the Board must submit a complete plan review application package to the Division and the local fire department not less than 30 days prior to beginning construction. The Board may request from the Division, an exemption to the 30 day minimum submittal time frame which will be considered on a case by case basis.

6.3.2 The plan review application package must contain the following items listed below, except for small construction projects as defined in Article 6.8.

- A) A fully completed plan review application, signed by the applicant, on the form provided by the Division (available on the Division website); <http://dfs.state.co.us>.
- B) A site plan or key plan as applicable.
- C) A code plan and analysis as required by IBC Section 106;
- D) Two full sets of construction documents (Both full size or one full and one half size), signed and wet stamped by the design professional in responsible charge, and by all design professionals in each of the design disciplines represented in the project;
- E) Two full sets of construction specifications (full size), signed and wet stamped by the design professional in responsible charge, and by all design professionals in each of the design disciplines represented in the project;
- F) Soils report (when required by IBC Section 1802.2).
- G) A statement of special inspections, as required by IBC Section 1704.1.1;
- H) Documentation of design compliance with the International Energy Conservation Code.
- I) Structural calculations (when applicable).
- J) One full set of construction documents in *.dwf, *.dxf, *.pdf, or other approved electronic format on compact disk or other approved electronic storage device.

6.3.3 The building permit application package shall be concurrently submitted to the Division and to the Local Fire Department. Either the qualified fire department or the Division will review the submittal. Permit issuance is contingent upon the review and approval of the submittal by the Fire Code Official. Contact the local fire department to determine whether they require additional submittal items other than those listed in this regulation.

6.4 Plan Review and Permitting

6.4.1 The Division will notify the Board upon receipt of a complete Building Permit Application Submittal or of incomplete Building Permit Application Submittals.

6.4.2 The Building Code plan review shall be completed by a certified building plans examiner within the Division, or by the prequalified building department.

6.4.3 The Fire Code plan review shall be completed by an individual certified as a Fire Inspector III – Plans Examiner within the Division, or by the Qualified Fire Department.

SECTION 4 – PLAN REVIEW

~~4.1 Construction plan reviews shall be performed by persons certified as Fire Inspector III – Plans Examiner. Eff 10/30/2008~~

~~4.2 Refer to the Public School Building Permit rules promulgated by the Division of Oil and Public Safety for additional information for the Building Permit Application Process. Eff 10/30/2008~~

~~4.3 The Board must notify the Fire Code Official of an upcoming project in accordance with the Division of Oil and Public Safety Rules for project notification. Eff 10/30/2008~~

~~4.4 Preliminary Review: Eff 10/30/2008~~

~~4.4.1 The Board may elect to have a preliminary review with the Fire Code Official. This may be by way of a meeting or a preliminary review document package. Preliminary reviews are recommended for project with a projected cost exceeding \$1,000,000. Eff 10/30/2008~~

~~4.4.2 Refer to Division policies for recommendations on the content of preliminary review packages. Eff 10/30/2008~~

~~4.4.3 The Division of Oil and Public Safety, the Fire Code Official, or the school Board may request a meeting or teleconference at any time during the preliminary review. The Division of Oil and Public Safety shall make reasonable accommodations for such meeting or teleconference. Eff 10/30/2008~~

~~4.5 Construction Document Review Eff 10/30/2008~~

~~4.5.1 For all construction projects not covered under an annual building permit, the Board shall submit a complete package of Construction Documents to the local fire department and to the Division of Fire Safety in accordance with the Division of Oil and Public Safety Rules for plan review. Refer to Division policies for recommendations/requirements on the content of Construction Document submittals. Eff 10/30/2008~~

~~4.5.1.1 A copy of the fully completed permit application. Eff 10/30/2008~~

~~4.5.1.2 For projects that will be reviewed by the Division of Fire Safety, submit the following: Eff 10/30/2008~~

~~4.5.1.2.1 One full set of construction drawings, signed and wet stamped by the design professional in responsible charge, and by all design professionals in each of the design disciplines represented in the project. Eff 10/30/2008~~

~~4.5.1.2.2 One full set of construction specifications, signed and wet stamped by the design professional in responsible charge, and by all design professionals in each of the design disciplines represented in the project. Eff 10/30/2008~~

~~4.5.1.2.3 One full set of construction documents in *.dwf, *.dxf, *.pdf, or other approved electronic format on compact disk or other approved electronic storage device. Eff 10/30/2008~~

~~4.5.1.3 For projects that will be reviewed by the local Fire Official, submit the following to the Division of Fire Safety: Eff 10/30/2008~~

~~4.5.1.3.1 One full set of construction documents in *.dwf, *.dxf, *.pdf, or other approved electronic format on compact disk or other approved electronic storage device. Eff 10/30/2008~~

~~4.5.1.3.2 If revisions or addendums are issued during, or as a result of, the plan review process, such documents shall also be submitted in .dwf, .dxf, or .pdf format on compact disk or other approved electronic storage device. Eff 10/30/2008~~

~~4.5.1.3.2 Contact the local Fire Official completing the review for their submittal requirements. Eff 10/30/2008~~

~~4.5.2 Deferred design submittals for fire protection and fire alarm systems are permitted, however construction documents shall provide sufficient information to show compliance with Fire Code requirements and coordination between fire systems and other building systems (i.e. HVAC systems, security systems). Eff 10/30/2008~~

6.4.4 ~~4.5.3~~ For delegated fire code review and inspection arrangements, the Fire Code Official has 20 business days, upon receipt of a complete review package, to submit the completed fire review to the Division or the prequalified building department. The Fire Code Official shall concurrently forward their approval, or list of comments and corrections to the Division of Oil and Public Safety and the Division of Fire Safety for inclusion in the consolidated report of both building and fire code reviews.

6.4.5 ~~4.5.5~~ If the project is reviewed and permitted by a Prequalified Building Department, as defined in 7-C.C.R. 1107-7, Section Article 3-24, the Fire Code official shall concurrently forward their list of comments and corrections to the Prequalified Building Department and to the Division, of Fire Safety. Eff 10/30/2008

6.4.6 ~~4.5.6~~ The Fire Code Official has 20 business days, upon receipt of a complete review package, to submit the completed fire review to the Division of Oil and Public Safety or the Prequalified Building Department. The Fire Code Official may request, in writing, an extension from the Division of Oil and Public Safety on the basis of the complexity of the building plans. Extension requests shall be copied to the affected Board.

6.4.7 ~~4.5.7~~ The Division of Oil and Public Safety, the local fire department and/or the Division of Fire Safety and the Board may request a meeting or teleconference at any time during the construction document review. The Division of Oil and Public Safety shall make reasonable accommodations for such meeting or teleconference.

6.4.8 Upon completion of the review, and after receipt of the fire review from the Fire Code Official, the Division will provide to the Board a comprehensive list of corrections from both building and fire code reviews to be addressed prior to the issuance of a Building Permit. This list of corrections shall not be considered as all-inclusive, and may not be considered as approval of any condition in violation of applicable code. Once all corrections have been satisfactorily addressed, the Division shall issue the Building Permit.

6.5 Phased Permitting

6.5.1 Upon request by the Board, the Division may issue phased permits for demolition, construction of foundations, and construction of core and shell, provided that construction documents for the whole building or structure have been submitted per Article 6-3. The holder of such permit for demolition, or the construction of foundations or vertical construction shall proceed at the holder's own risk with building operation and without assurance that a permit for the entire structure will be granted. Issuance of this permit shall not be considered all inclusive and may not be considered as approval of any condition in violation of applicable codes.

6.6 ~~4.6~~ Deferred Submittals / Shop Drawings

6.6.1 Deferred design submittals for fire protection and life systems are permitted, however construction documents shall provide sufficient information to show compliance with Fire Code requirements and coordination between fire systems and other building systems (i.e. HVAC systems, security systems).

6.6.2 ~~4.6.1~~ Shop (Installation) drawings for ~~fire alarm and fire suppression~~ fire protection and life safety systems shall be submitted to the Fire Code Official for review and approval prior to beginning installation of the system.—.

A) ~~4.6.1.1~~ Fire sprinkler shop drawing shall be submitted to the Fire Code Official in accordance with C.C.R. 1507-11 - Colorado Fire Suppression Program and the requirements of the Fire Code and NFPA 13 – *Installation of Sprinkler Systems* .

(1). ___ Provide a minimum of ~~four~~ three (43) complete copies of the submittal.

(2). ___ Submittal packages shall contain the minimum information required by the adopted Fire Code and NFPA 13.

B) ~~4.6.1.2~~ Fire alarm shop drawings shall be submitted to the Fire Code Official in accordance with the requirements of the Fire Code and NFPA 72 – *National Fire Alarm Code* —.

(1). ___ Provide a minimum of ~~four~~ three (43) complete copies of the submittal.

(2). ___ Submittal packages shall contain the minimum information required by the adopted Fire Code and NFPA 72.

C) Shop drawings for other fire protection systems or specialty systems shall be submitted to the Fire Code Official in accordance with the Fire Code, and the appropriate reference standard for the system as indicated in the Fire Code.

6.6.3 ~~4.6.2~~ Minimum qualifications for ~~fire suppression and fire alarm system~~ protection and life safety system design and installation.

A) ~~4.6.2.1~~ Fire Suppression Systems

(1). ___ Any installation, modification, alteration, or repair of a fire suppression system shall be in accordance with C.C.R. 1507-11 - Colorado Fire Suppression program.

B) ~~4.6.2.2~~ Fire Alarm Systems

(1). ___ The design of any new system or alteration of an existing fire alarm system using the prescriptive requirements of NFPA 72 shall be

performed by a person that is currently a professional engineer or certified by NICET at a level III or level IV in fire protection engineering technologies - fire alarm systems, or another nationally recognized organization approved by the Division of Fire Safety.

- (2). The design of any new system or alteration of an existing fire alarm system using performance based design methods as described by NFPA 72 or alternative materials and methods as described by the adopted Fire Code shall be performed by a person that is currently a professional engineer.
- (3). The installation of a fire alarm system shall be performed by or supervised by a person that is currently certified at a minimum of NICET level II in fire protection engineering technologies – fire alarm systems, or another nationally recognized organization approved by the Division of Fire Safety.

C) Specialty / Other Fire Protection Systems

- (1) The design and installation shall be performed by a company or individual with manufacturer or factory approved training for the specific system.

6.7 4.7 Small Projects Fire Protection Permits

~~4.7.1 Small projects that are limited to remodel or repair and that do not change the building footprint, occupancy, occupant load or egress arrangements are exempt from the requirements listed in Rule 4.5.2. Such projects shall not adversely affect the existing fire protection and life safety systems in the building. Sufficient information shall be submitted to illustrate the extent of the project and prove that the fire protection and life safety aspects of the building are not adversely affected. — Eff 10/30/2008~~

6.7.1 ~~4.7.2 Small~~ Fire protection projects, involving ~~minor~~ only the installation, modification, repair or replacement of ~~existing fire protection and life safety systems~~, or other activities regulated solely by the Fire Code are ~~Code~~ are exempt from the requirements of ~~Rule Article 4.5.26.3~~, however a fire protection permit is required in accordance with this Article and Fire Code Section 105, provided such projects will not adversely affect the protection provided by the existing systems. — Eff 10/30/2008

~~4.7.2.1 Small sprinkler system projects. — Eff 10/30/2008~~

- ~~(1). A submittal is required in accordance with C.C.R. 1507-11 – Colorado Fire Suppression program. — Eff 10/30/2008~~

~~4.7.2.2 Small fire alarm system projects. — Eff 10/30/2008~~

- ~~(1). A submittal is required for work involving the addition, deletion or relocation of fire alarm system devices. — Eff 10/30/2008~~
- ~~(2). The addition of devices onto an existing system requires updated standby battery and voltage drop calculations to prove that the existing system has sufficient capacity to support the new devices. — Eff 10/30/2008~~

~~4.7.3~~ 6.7.2 Submit Projects limited to the addition or upgrade of fire protection and fire alarm systems to an existing building are exempt from the requirements of Rule 4.5.2. ~~S~~system

~~shop or installation drawings shall be submitted in accordance with the requirements of Rule 4.6, Article 6.6—.~~

6.8 Small Construction Project Permit

6.8.1 In lieu of a full building permit, the Division may issue a small construction project permit for certain small projects. Small project permit application requirements differ from full building permit projects, as defined and documented on Division small project application forms and checklists. Note that there are separate small project applications for re-roofing and modular buildings.

6.8.2 Small Construction Project Scope: Small construction projects are limited to the following scopes of work:

- A) Installation of one or more new security gates;
- B) New window, interior or exterior;
- C) New door, fire rated or non-fire rated;
- D) Magnetic hold open device;
- E) Wall, non-load bearing;
- F) Skylight;
- G) Partition over 5'-9";
- H) New operable partition;
- I) Recreational equipment or occupational therapy hooks supported by structure;
- J) Dugout, fence or masonry;
- K) Shop/vocational instruction equipment;
- L) Shade structure;
- M) One or more portable modular buildings;
- N) Re-roofing or roof penetrations;
- O) Alteration of non-fire rated door, including new window/glazing in door;
- P) Alteration of door hardware, including panic hardware;
- Q) Retaining walls over four feet in height;
- R) Photovoltaic systems;
- S) Wind turbines;
- T) Cellular or communication towers;
- U) Lighting or control upgrades;

6.9 Annual Permits

6.9.1 In lieu of an individual permit for each alteration to an already approved mechanical or building installation, the Division or prequalified building departments may issue an annual permit, upon application, to any school district regularly employing one or more Qualified Tradespersons in the building, structure or on the premises owned or operated by the school district. Annual permits shall remain valid for a period of 12 months from the issuance date. The school district shall notify the Division and the Local Fire Department prior to the commencement of work conducted under an annual permit. A prequalified building department may also require notification prior to commencement of projects conducted under an annual permit.

6.9.2 Annual Permit Scope: The annual permit will be limited to the following scope of work:

- A) Replacement of already approved mechanical equipment;
- B) Installation of new non-fire rated door(s), in a non-bearing wall or partition;
- C) Adding window/glazing to an existing non-fire rated door;
- D) Repair of existing panic hardware;
- E) Installation of skylight(s) greater than ten feet away from a firewall;
- F) Installation involving roof penetration(s) greater than ten feet away from a firewall;
- G) Installation of one or more occupational therapy hooks;
- H) Installation of fence dugout(s) greater than six feet in height;
- I) Installation of shop/vocational instruction equipment;
- J) Demolition or removal of portable modular units;

6.9.3 Annual Permit Records: The school district to whom an annual permit is issued shall keep a detailed record, including stamped engineered drawings (if applicable), of all replacements made under such annual permit.

6.9.4 All work completed under an annual permit shall be inspected by a third party inspector or a Qualified Tradesperson within 10 days of completion of a project, and such inspections shall be recorded on an inspection log. The Division, or the prequalified building department that chooses to issue annual permits, shall have access to all inspection logs at all times and such records shall be submitted to the Division or the prequalified building department within 30 days of the expiration date of annual permit.

6.9.5 If the inspection logs associated with the annual permit demonstrate compliance with the annual permit requirements, The Division or the prequalified building department may issue a Certificate of Compliance for projects completed under that permit.

6.9.6 If the inspection logs associated with the annual permit demonstrate noncompliance with the annual permit requirements, the division will issue a correction notice and withhold issuing another annual permit to the Board until all corrections have been satisfied.

SECTION ARTICLE 5-7 – Construction Inspections

57.1 Building Code Inspections

7.1.1 Construction or work for which a permit is required shall be subject to inspection by the Division, a third party inspector contracted by the Board, or the prequalified building department. Such construction or work shall remain accessible and exposed for inspection purposes until approved. Neither the Division, a third party inspector contracted by the Board, nor the prequalified building department shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

7.1.2 Third Party Inspections: For all building permit applications issued by the Division, the affected Board shall hire and compensate third-party inspectors certified by the Division to perform inspections. A listing of certified third party inspectors will be posted on the Division website. If the Board is unable to obtain a third-party inspector, a building department that has been prequalified by OPS shall oversee the project. If the Board is unable to obtain a third-party inspector and no building department has been prequalified, OPS shall conduct or contract with a third party inspector to perform the required inspections and the Board shall compensate the Division or the contracted third-party inspectors for all associated inspection costs.

A) Prior to commencement of construction on projects requiring third party inspections, the Board shall notify the Division of the designated third party inspector for the permitted project. The notification shall be made in writing using a form provided by the Division. The Division may request a preconstruction meeting with the Board, the contractor hired to perform the work, and the certified third party inspector

B) The Division shall require a sufficient number of third-party inspection reports to be submitted by the inspector based upon the scope and cost of the project to ensure quality inspections are performed. Concurrent with the building permit approval, the Division shall issue an Inspection Card specifying the applicable required inspections as set forth in Sections 109.3.1 through 109.3.10 of the IBC. The required inspections may include footing and foundation inspection, concrete slab and under-floor inspection, lowest floor elevation, frame inspection, lath and gypsum Board inspection, fire-resistant penetrations, energy efficiency inspections, other inspections, special inspections, and final inspection.

C) Violation of Third-Party Inspection Requirements: If the Division finds that inspections are not completed satisfactorily, or that all violations are not corrected, the Division shall take enforcement action against the appropriate Board pursuant to Article 11, and shall require that the next project undertaken by the Board be delegated to the prequalified building department

7.1.3 For permits issued by the Division, the final inspection shall be conducted only by the Division, after all work required by the building permit is completed.

7.1.4 Violation of third-party inspection requirement: If the Division finds that inspections are not completed satisfactorily, or that not all violations are corrected, The Division shall take enforcement action against the appropriate Board, and shall require that the next project undertaken by the Board be delegated to the prequalified building department.

7.2 Fire Code Inspections

7.2.1 ~~Construction~~ Project sites shall be inspected by the Fire Code Official to verify conformance with the Fire Code and approved construction documents. Construction

inspections shall be conducted by a person certified as Fire Inspector II or Fire Inspector III – Plans Examiner. Third-party inspection provisions do not apply to the required Fire Code inspections. Fire inspections shall be by the Division, or the Qualified Local Fire Department.

7.2.2 -A Certified Fire Suppression System Inspector shall perform inspections of fire suppression systems in accordance with C.C.R. 1507-11 – Colorado Fire Suppression Program.

A) If the Certified Fire Inspector II also holds a Fire Suppression System Inspector certification, the inspector may perform both inspections.

B) If the Certified Fire Inspector II is not also a Certified Fire Suppression System Inspector, the Fire Code Official shall obtain the services of a Certified Fire Suppression System Inspector to perform the suppression system inspections.

~~5.2 Construction documents shall be reviewed for Fire Code conformance by the Fire Code Official as described in Section 4 – Plan Review. Work shall not commence without approval from the Fire Code Official.~~

~~5.3 Project sites shall be inspected by the Fire Code Official to verify conformance with the Fire Code and approved construction documents. Refer to Division policies for guidelines on required inspections.~~

~~5.4 A Certified Fire Suppression System Inspector shall perform inspections of fire suppression systems in accordance with C.C.R. 1507-11 – Colorado Fire Suppression Program.~~

~~5.4.1 If the Certified Fire Inspector II also holds a Fire Suppression System Inspector certification, the inspector may perform both inspections.~~

~~5.4.2 If the Certified Fire Inspector II is not also a Certified Fire Suppression System Inspector, the Fire Code Official shall obtain the services of a Certified Fire Suppression System Inspector to perform the suppression system inspections.~~

7.3 Results of all inspections shall be documented on the job site inspection card and in the official records of the inspecting entity, including type of inspection, date of inspection, identification of the responsible individual making the inspection, and comments regarding approval or disapproval of the inspection. Inspection records shall be retained by the inspecting entity for two years after the certificate of occupancy is issued.

7.3.1 Certified Fire Inspectors shall include their name and state fire inspector certification number in the appropriate locations on the inspection report or card.

~~5.5 For delegated inspection arrangements, the certified inspector shall sign for approved inspections on the inspection card. Inspectors shall provide their name and their fire inspector certification number in the appropriate locations on the inspection card.~~7.4 Inspection Request Notification.

7.4.1 The Division shall be provided with notification in writing at least 5 days prior to any requested inspection.- The Division will make all reasonable efforts to provide the inspection on the requested day or time, provided an inspector is available. If the inspection schedule is full, an alternate day and time will be proposed.

7.4.2 It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code.

7.4.3 Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval from the appropriate inspection entity. The inspector, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or notify the permit holder or their agent wherein the same fails to comply with the codes adopted in these regulations. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the appropriate inspection entity.

ARTICLE 8 – Certificate of Occupancy

8.1 The Board shall not occupy or use a public school building or structure until a certificate of occupancy or a temporary certificate of occupancy has been issued by Division, or the prequalified building Department.

8.2 The Division, or the prequalified building department, may issue a temporary certificate of occupancy if a Board requires immediate occupancy, and if the Board has passed the appropriate inspections that indicate there are no life safety issues. The temporary certificate of occupancy shall expire ninety days after the date of issuance. If no renewal of the temporary certificate of occupancy is issued or a permanent certificate of occupancy is not issued, the building shall be vacated upon expiration of the temporary certificate of occupancy.

SECTION ~~ARTICLE 6~~ 9 – Maintenance Inspections and Inspection, Testing and Maintenance Programs.

~~6~~9.1 Maintenance Inspections.

~~6~~9.1.1 The fire department providing fire protection service or the Division of Fire Safety may perform inspections of the buildings and structures when deemed necessary to assure that they are maintained in accordance with the adopted Fire Code and Standards.

A) ~~6.1.1.1~~ If the fire department is unable or unwilling to perform maintenance inspections, the Division of Fire safety shall have the authority and duty to perform them.

~~9.1.2~~ ~~6.1.2~~ The Division recommends that maintenance inspections be conducted, or by supervised by persons certified at a minimum of Fire Inspector I.

~~9.1.3~~ ~~6.1.3~~ Records of maintenance inspections shall be maintained by the fire department. Such records shall be made available for review by the Division of Fire Safety upon request.

A) ~~6.1.3.1~~ Fire departments performing maintenance inspections are required to notify the Division that such inspections are being performed and provide ~~notice~~ documentation when inspections are completed. If notice and/or documentation is not provided, the Division shall assume that the inspections are not being performed and will have the duty to perform them.

~~9.1.4~~ ~~6.1.4~~ Nothing in this ~~Section~~ Article 6 ~~9~~.1 shall prohibit the fire department providing fire protection services from conducting routine assessments of buildings and structures, or prevent the department from correcting violations that pose an immediate threat to life safety. Additionally, nothing in this ~~Section~~ Article 6 ~~9~~.1 shall prohibit the Fire Department from seeking enforcement action in a court of competent jurisdiction.

~~69.1.5~~ A fire department providing fire protection service for buildings and structures of a board that chooses to perform Fire Code inspections may refer notices of deficiencies to the Division for evaluation and enforcement.

~~A)~~ ~~6.1.5.1~~—Notices of deficiencies and requests for evaluation and enforcement shall be submitted in writing to the Public School Fire Safety Program Administrator as described in ~~Section~~Article 13 of this Rule.

~~69.2~~ Inspection, Testing and Maintenance Programs.

~~69.2.1~~ The Board shall ensure that building systems are inspected, tested, and maintained as required by the adopted codes and standards.

~~69.2.2~~ Personnel employed by a Board performing inspection, testing, and maintenance programs are not required to be certified Fire Inspectors.

~~A)~~ ~~6.2.2.1~~—Exception: Work conducted on system components that would require permits, licensing, or certifications under any adopted codes, laws, or regulations.

~~69.2.3~~ Inspection, Testing, and Maintenance Records shall be retained for at least two years. Records shall indicate the procedure or inspection performed by the organization that performed the procedure or inspection, the results, and the date. The Board shall provide these records for review by the ~~local fire department having certified Fire Inspectors~~qualified local fire department or to the Division of Fire Safety upon request.

~~SECTION~~ARTICLE 7-10 – FIRE Inspector Certification

~~10.1~~ Inspectors performing construction plan review or inspections shall possess the proper Inspector Certification through the Division.

~~10.1.1~~ Building Inspectors shall be Certified Third-Party Building Inspectors as described in this Article.

~~10.1.1~~ Fire Inspectors shall be Certified Fire Inspectors as defined in section 24-33.5-1202 (2.5), C.R.S. Inspectors shall be certified to the appropriate level as defined in the Article

~~10.2~~ Applicants shall complete the following items for application as a Certified Third Party Inspector:

~~10.2.1~~ Complete the application form for third-party inspector certification, which is available from the Division website.

~~10.2.2~~ Provide a resume and sufficient proof of equivalent qualification including education, training and experience.

~~10.2.3~~ Pay the required certification fee.

~~7.1~~ Fire Inspectors performing construction plan review and inspections shall be “Certified Fire Inspectors” as defined in section 24-33.5-1202 (2.5), C.R.S. Inspectors shall be certified to the appropriate level defined in Sections 4 through 6 of this rule for the task performed.

~~10.3~~ 7.2—Applicants shall complete the following items for application as a Certified Fire Inspector:

~~10.3.1~~ 7.2.1—Complete the application form for fire-inspector certification, which is available from the Division of Fire Safety website.

10.3.2 ~~7.2.2~~ If the applicant does not have equivalent national certifications, and is not taking the state examination ~~If not taking the fire inspector certification examination~~, provide a resume and sufficient proof of equivalent qualification including education, training and experience to document that minimum certification requirements are satisfied.

10.3.3 ~~7.2.3~~ Pay the required certification fee.

10.4 ~~7.3~~ Fire Inspector Written Examinations

10.4.1 ~~7.3.1~~ The written examination shall consist of multiple-choice questions derived from the adopted Codes, NFPA Standards and ~~Rules~~ Regulations promulgated by the Division of Fire Safety.

10.4.2 ~~7.3.2~~ Applicants must correctly answer eighty percent (80%) of the questions on the examination to become certified.

10.4.3 ~~7.3.3~~ Applicants that do not achieve a passing score may retake the examination after thirty (30) days have elapsed, and upon re-application and payment of the application fee.

10.5 ~~7.4~~ Fire Inspector Certification is valid for a period of three years from the date of issuance, unless earlier suspended or revoked.

10.6 ~~7.5~~ Renewal of certification is the responsibility of the certified individual. Renewal shall require an application accompanied by the following:

10.6.1 ~~7.5.1~~ Complete the application form for fire inspector certification renewal, which is available from the Division of Fire Safety.

10.6.2 ~~7.5.2~~ Certification renewal is contingent on meeting *one* of the following educational requirements during the ~~three-year~~ three-year certification period:

A) ~~7.5.2.1~~ Fifteen hours of continuing education relating to the field of building construction or fire protection, as applicable, -including, but not limited to, classes, seminars, and training conducted by professional organizations or trade associations; or.

B) ~~7.5.2.2~~ Documentation to the Division of Fire Safety of 1.5 CEU's relevant to the field of building construction or fire protection as applicable, -by participation in educational and professional activities. CEU's will be granted for the professional development activities as depicted in the table below: (It is important to obtain documentation and keep records of each activity attended during the certification period).

Participation as a student in a seminar or technical session related to <u>building construction or</u> fire protection and life safety systems (depending upon the certification) conducted by a qualified organization. Such organizations include, but are not limited to: ICC, NFPA, Society of Fire Protection Engineers, National Fire Sprinkler Association, American Fire Sprinkler Association, Automatic Fire Alarm Association, Oklahoma State University, National Fire Academy, Fire Marshals Association of Colorado training	0.1 CEU per clock hour of attendance
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sessions, etc.	
Attendance at NFPA and/or ICC code development hearings related to fire protection, fire prevention or life safety.	0.1 CEU per clock hour of attendance up to 1.0 CEU per renewal period.
Committee or board service for NFPA and/or ICC for one full year.	0.5 CEU per committee, per year.
Instruction of a seminar or technical session delivered for a related professional association, state or local code enforcement agency, standards writing organization or any related program.	0.1 CEU per clock hour of instruction delivered.
Participation as a student in a university, community college, junior college, technical or vocational school in a course related to, <u>building construction</u> fire or fire protection, fire prevention or life safety <u>(depending upon the certification)</u> .	1.0 CEU per credit hour.
Participation as an instructor in a university, community college, junior college, technical or vocational school in a course related to <u>building construction or fire protection, fire prevention or life safety (depending upon the certification)</u> fire protection, fire prevention or life safety .	1.0 CEU per credit hour.
Documented in-house training or continuous employment as a code official, plans examiner, or inspector. Training shall be documented and approved by the chief executive, fire chief or training officer for the applicant's organization.	Up to 0.3 CEU per renewal period.
Publication of a paper, book or technical article for a related textbook or professional trade journal.	1.0 CEU per publication.

C) ~~7.5.2.3~~ Applicants not meeting the requirements for continuing education specified in ~~Rule 7.6.2.1 or 7.6.2.2~~ A) or B) of this Article may retake the certification examination required of new applicants as an alternative for renewal.

D) ~~7.5.2.4~~ Successful renewal of equivalent ICC certifications shall be considered as acceptable criteria for renewal of the State ~~Fire-Inspector~~ inspector certification. Submit proof of ICC renewal with the renewal application.

10.6.3 ~~7.5.3~~ Payment of the required renewal fee.

10.7 ~~7.6~~ Municipalities, counties, fire protection districts and other state or local authorities employing ~~certified fire inspectors~~ Inspectors must maintain records of all plan reviews and inspections conducted ~~by the inspector~~ during the three year certification period. Said records shall be made available for review by the Division of Fire Safety, upon request.

10.8 ~~7.7~~ Inspectors must place their name and certification number on all completed inspection and plan registration forms.

10.9 Third Party Building Inspector Certification

10.9.1 Applicants seeking such certification shall have the following minimum qualifications:

A) Hold current appropriate building inspector certifications from ICC or other similar national organization, and have demonstrated education, training, and experience, or

- B) Have at least five years of demonstrated education, training, and experience in commercial building inspections and receive national certification within one year after the date of certification. Qualified applicants that have at least five years of demonstrated education, training, and experience in appropriate building inspections will be issued certifications for one year. Certification renewal will be contingent on the applicant obtaining commercial building inspector certification from ICC or other similar national organization, prior to the expiration date of the applicant's inspector certification.

10.9.2 Duties of Third-Party Inspectors

- A) Certified third party inspectors, contracted by the Board, shall conduct the required inspections, and require corrections or modifications as necessary to ensure that a building or structure is constructed in conformity with the building and fire codes adopted by the Division.
- B) Certified third party inspectors, contracted by the Board, shall enforce only the building and fire codes adopted by the Division.
- C) The Board shall only use inspectors that are certified by the Division to work on Public School Construction projects.
- D) Certified third party inspectors contracted by the Board shall cause copies of their inspection reports to be sent to the Division.
- E) If all inspections are not completed and a building requires immediate occupancy, and if the Board has passed the appropriate inspections that indicate there are no life safety issues, the certified third party inspectors contracted by the Board shall notify the Division of the same so that a Temporary Certificate of Occupancy may be issued to allow the Board to occupy the buildings and structures.
- F) Certified third party inspectors contracted by the Board shall attest that inspections are complete and all violations are corrected before the Division issues the Board a Certificate of Occupancy. Inspection records shall be retained by the certified third party inspectors for two years after the certificate of occupancy is issued.

10.10 7.8 Fire Inspector Certification - There shall be three levels of certification for Fire Inspectors.

10.10.1 7.8.1 FIRE INSPECTOR I - In order to become certified as Fire Inspector I, a person must meet at least one of the following criteria:

- A) 7.8.1.1 Satisfactorily complete the Fire Inspector I certification examination, administered by the Division of Fire Safety, by correctly answering at least 80 percent of the questions.
- B) 7.8.1.2 Possess current and valid inspector certification(s) issued by a nationally recognized organization, which includes knowledge in fire protection and life safety systems, plan review and inspection. The following certifications are approved:
- (1). ICC Fire Inspector I
 - (2). Company Officer Fire Inspector – Uniform Fire Code

~~C) 7.8.1.3~~ Submit documentation to the Division of Fire Safety to demonstrate that they have the requisite skills and knowledge specified in NFPA 1031 – *Standard for Professional Qualifications for Fire Inspector and Plans Examiner* for Fire Inspector I, including education, training and experience. The following list identifies examples of education, training and experience that may be considered as equivalent to the requisite skills and knowledge for Fire Inspector I. This list shall not be considered as all inclusive.

(1). A combination of three (3) years of education and work experience in fire protection and/or code enforcement.

(a). Education shall be an Associate Degree or above in Fire Science, Fire Prevention, Fire Protection Engineering or other approved related major.

(b). Work experience shall be specifically in fire prevention, fire protection, code enforcement or inspection.

(2). Evidence of completion of courses that directly relate to fire protection inspections delivered by a recognized organization or institution; including, but not limited to:

~~(a). National Fire Protection Association~~

~~(b). International Code Council~~

~~(c). National Fire Academy~~

~~(d). American Fire Sprinkler Association~~

~~(e). National Fire Sprinkler Association~~

~~(f). Society of Fire Protection Engineers~~

~~(g). Automatic Fire Alarm Association~~

~~(h). Oklahoma State University~~

~~(i). University of Maryland~~

~~(j). Worcester Polytechnic Institute~~

(3). Current Colorado license as a registered professional engineer specializing in fire protection.

(4). Submit evidence of current and valid certification in another state, which is determined by the Division of Fire Safety to be at least equivalent to the requirements listed herein.

~~10.10.2 7.8.2~~ FIRE INSPECTOR II - In order to become certified as Fire Inspector II, a person must meet at least one of the following criteria:

~~A) 7.8.2.1~~ Satisfactorily complete the Fire Inspector II certification examination, administered by the Division of Fire Safety, by correctly answering at least 80 percent of the questions.

~~B)~~ ~~7.8.2.2~~ Possess current and valid inspector certification(s) issued by a nationally recognized organization, which includes knowledge in fire protection and life safety systems, plan review and inspection. The following certifications are approved:

- (1). ~~___~~ ICC Fire Inspector II
- (2). ~~___~~ Uniform Fire Code Inspector

~~C)~~ ~~7.8.2.3~~ Submit documentation to the Division of Fire Safety to demonstrate that they have the requisite skills and knowledge specified in NFPA 1031 – *Standard for Professional Qualifications for Fire Inspector and Plans Examiner* for Fire Inspector II including education, training and experience. The following list identifies examples of education, training and experience that may be considered as equivalent to the requisite skills and knowledge for Fire Inspector II. This list shall not be considered as all inclusive.

(1) ~~___~~ – A combination of four (4) years of education and work experience in fire protection and/or code enforcement.

- (a). ~~___~~ Education shall be an Associate Degree or above in Fire Science, Fire Prevention, Fire Protection Engineering or other approved related major.
- (b). ~~___~~ Work experience shall be specifically in fire prevention, fire protection, code enforcement or inspection.

~~(2)-~~ ~~___~~ Evidence of completion of courses that directly relate to fire protection inspections delivered by a recognized organization or institution; including, but not limited to: ~~___~~.

- ~~(a). National Fire Protection Association~~
- ~~(b). International Code Council~~
- ~~(c). National Fire Academy~~
- ~~(d). American Fire Sprinkler Association~~
- ~~(e). National Fire Sprinkler Association~~
- ~~(f). Society of Fire Protection Engineers~~ ~~(g). Automatic Fire Alarm Association~~
- ~~(h). Oklahoma State University~~
- ~~(i). University of Maryland~~
- ~~(j). Worcester Polytechnic Institute~~

(3)- ~~___~~ Current Colorado license as a registered professional engineer specializing in fire protection.

- (4)- Submit evidence of current and valid certification in another state, which is determined by the Division of Fire Safety to be at least equivalent to the requirements listed herein.

10.10.3 ~~7.8.3~~ FIRE INSPECTOR III – PLANS EXAMINER - In order to become certified as Fire Inspector III – Plans Examiner, a person must meet at least one of the following criteria:

- A) ~~7.8.3.1~~ Satisfactorily complete the Fire Inspector III - Fire Plans Examiner examination, administered by the Division of Fire Safety, by correctly answering at least 80 percent of the questions.

- B) ~~7.8.3.2~~ Possess current and valid inspector certification(s) issued by a nationally recognized organization, which includes knowledge in fire protection and life safety systems, plan review and inspection. The following certifications are approved:

- (1). ICC Fire Inspector II and ICC Fire Plans Examiner
- (2). ICC Fire Inspector II and ICC Building Plans Examiner
- (3). ICC Fire Inspector II and 2 years minimum documented plan review experience.
- (4). Uniform Fire Inspector and Building Plans Examiner – Uniform Building Code
- (5). ICC Fire Inspector II and Building Plans Examiner – Uniform Building Code.

- C) ~~7.8.3.3~~ Submit documentation to the Division of Fire Safety to demonstrate that they have the requisite skills and knowledge specified in NFPA 1031 – *Standard for Professional Qualifications for Fire Inspector and Plans Examiner* for Fire Inspector II and for Fire Plans Examiner II, including education, training and experience. The following list identifies examples of education, training and experience that may be considered as equivalent to the requisite skills and knowledge for Fire Inspector III. This list shall not be considered as all inclusive.

- (1). A combination of five (5) years of education and work experience in fire protection and/or code enforcement.
 - (a). Education shall be an Associate Degree or above in Fire Science, Fire Prevention, Fire Protection Engineering or other approved related major.
 - (b). Work experience shall be specifically in fire prevention, fire protection, code enforcement or inspection.
- (2). Evidence of completion of courses that directly relate to fire protection inspections delivered by a recognized organization or institution, including, but not limited to:
 - ~~(a). National Fire Protection Association~~
 - ~~(b). International Code Council~~

- ~~(c). National Fire Academy~~
- ~~(d). American Fire Sprinkler Association~~
- ~~(e). National Fire Sprinkler Association~~
- ~~(f). Society of Fire Protection Engineers~~
- ~~(g). Automatic Fire Alarm Association~~
- ~~(h). Oklahoma State University~~
- ~~(i). University of Maryland~~
- ~~(j). Worcester Polytechnic Institute~~
- (3). Current Colorado license as a registered professional engineer specializing in fire protection.
- (4). Submit evidence of current and valid certification in another state, which is determined by the Division of Fire Safety to be at least equivalent to the requirements listed herein.

10.10.4 Recognized organizations or institutions for equivalent training and education include, but are not limited to:

- A) American Fire Sprinkler Association
- B) Automatic Fire Alarm Association
- C) International Code Council
- D) National Fire Academy
- E) National Fire Protection Association
- F) National Fire Sprinkler Association
- G) Oklahoma State University
- H) Society of Fire Protection Engineers
- I) University of Maryland
- J) Worcester Polytechnic Institute

10.11 ~~7.9~~ Denial, revocation, suspension, annulment, limitation or modification of certification.

10.11.1 ~~7.9.1~~ Denial of Certification

- A) ~~7.9.1.1~~ ~~The Division of Fire Safety~~, in accordance with the Administrative Procedures Act, Section 24-4-101, et seq., C.R.S., may deny any certificate or refuse to renew a certificate to any applicant for, but not limited to, the following reasons:

- (1). Failure to meet requirements specified in these ~~rules~~ regulations pertaining to the issuance of certificates and/or the renewal of certification.
- (2). Any conduct as described in ~~Section~~ Article 7.9.2.2 pertaining to good cause for disciplinary action.
- (3). Fraud, misrepresentation, or deception in applying for or securing certification, or in taking any written certification examination.
- (4). Aiding and abetting another person in procuring or attempting to procure certification for any person who is not eligible for certification.
- (5). Creating a disturbance during a state written examination, or conducting themselves in a manner that disrupts other persons taking the examination or prevents the examination proctor from conducting the examination.

10.11.2 ~~7.9.2~~—Revocation, suspension, or limitation of certification.

A) ~~7.9.2.1~~—Any certification issued by the Division of Fire Safety may be suspended, summarily suspended, revoked, or limited for good cause in accordance with the Administrative Procedures Act, Section 24-4-101, et seq., C.R.S.

B) ~~7.9.2.2~~—Good cause for disciplinary sanctions listed in this ~~section~~ Article (denial, revocation, suspension, annulment, limitation, or modification of certification) shall include, but not be limited to:

- (1). Evidence that the minimum standards for certification set forth in these ~~rules~~ regulations have not been met.
- (2). Material misstatement or misrepresentation on the application for certification.
- (3). Proof of unfitness.
- (4). Proof of individual's failure to meet, and continue to meet, performance standards at the level certified.
- (5). Obtaining or attempting to obtain certification or recertification by fraud, misrepresentation, deception, or subterfuge.
- (6). Materially altering any Division of Fire Safety certificate, or using and/or possessing any such altered certificate.
- (7). Unlawfully discriminating in the provisions of services based upon national origin, race, color, creed, religion, sex, age, physical or mental disability, sexual preference, or economic status.
- (8). Representing qualifications at any level other than the person's current certification level.
- (9). Failure to pay required fees for certification.

~~10.11.3~~ ~~7.9.3~~—In addition to those items listed in Rule 7.9.2.2, good cause for disciplinary sanctions listed in this ~~section~~ **Article** (denial, revocation, suspension, annulment, limitation, or modification of certification) against the certification held by an exam proctor shall include, but not be limited to:

~~A)~~ ~~7.9.3.1~~—Failure to adhere to the policies, procedures, and administrative requirements for delivery, documenting, test administration, and certification as adopted, administered and/or recognized by the Division of Fire Safety.

~~B)~~ ~~7.9.3.2~~—Failure to maintain security over written exams, including unauthorized access or reproduction of examination materials.

~~10.11.4~~ ~~7.9.4~~—If the Division of Fire Safety finds that grounds exist for the denial, revocation, suspension, annulment, limitation, or modification of certification of any applicant, action shall be taken according to the provisions of the Colorado Administrative Procedure Act, Section 24-4-101, et seq., C.R.S.

~~10.11.5~~ ~~7.9.5~~—Upon the denial, revocation, suspension, annulment, limitation, or modification of any applicant, , all certificates, cards, patches or other identification issued by the Division for said certification and accreditation levels shall be returned to the Division of Fire Safety.

~~SECTION 8~~ — CODES AND STANDARDS ADOPTED

~~8.1~~—Refer to the Rules promulgated by the Division of Oil and Public Safety for a complete list of codes and standards applicable to public school construction.

~~SECTION~~ **ARTICLE 9-11 – Enforcement**

~~11.1~~ ~~9.1~~—The Director of the Division of Fire Safety shall enforce the requirements of the adopted ~~Fire Codes~~ for Public Schools and Junior Colleges in accordance with the provisions of Section 24-33.5-1213, C.R.S.

~~11.1.1~~ ~~9.1.1~~—The Director may issue a notice of violation to a person who is believed to have violated the provisions of the ~~Fire Codes~~ as determined by an inspection in accordance with the procedures described in Section 24-33.5-1213, C.R.S.

~~11.1.2~~ ~~9.1.2~~—An enforcement order issued pursuant to Section 24-33.5-1213, C.R.S. may impose a civil penalty, depending upon the severity of the alleged violation, not to exceed five hundred dollars per violation, for each day of violation; except that the Director may impose a civil penalty not to exceed one thousand dollars per violation, for each day of violation, that results in, or may reasonably be expected to result in, serious bodily injury.

~~11.1.3~~ ~~9.1.3~~—The Director may file suit in the district court in the judicial district in which a violation is alleged to have occurred to judicially enforce an enforcement order issued pursuant to Section 24-33.5-1213, C.R.S.

~~11.2~~ ~~9.2~~—It is not the intent of this ~~Section~~ **Article 9-11** to remove, limit or modify enforcement authority of the fire department providing fire protection service for buildings or structures of a Board.

~~SECTION~~ **ARTICLE 10-12 – Appeals**

~~12.1~~ ~~10.1~~—A person ~~Board~~ who is the subject of, and is adversely affected by, a decision or interpretation ~~made during construction plan review performed as~~ made by an entity that conducts a plan review or inspection pursuant to Sections 22-32-124 or 23-71-122(1)(v).

C.R.S. described in section 4 of this Rule, or construction inspections performed as described in section 5 of this Rule, may appeal such action to the appeals board formed by Sections 22-32-124 and 23-71-122~~24-33.5-1213.7~~, C.R.S. Refer to the Rules promulgated by the Division of Oil and Public Safety for further information pertaining to the appeals board and the appeal procedure.

12.1.1 The appeal shall be filed within thirty days after the date of the appealed decision. Upon receipt of an appeal, the Division shall notify the Chair of the Board of Appeals and schedule a hearing no more than fifteen days after the date the appeal was filed.

12.1.2 An application for appeal shall be based on a claim that the true intent of this code or the regulations legally adopted therein have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better form of construction is proposed. The board of appeals shall not waive any requirements of the codes or standards, however the board of appeals may recommend alternative materials or methods as provided in the codes or standards. The final written decision of the board is final agency action for purposes of section 24-4-106, C.R.S.

12.2 ~~40-2~~—A person who is the subject of, and is adversely affected by, a notice of violation or enforcement order issued pursuant to ~~Section~~Article 9-11 of these ~~Rules~~Regulations may appeal such action to the Executive Director of the Department of Public Safety. The Executive Director shall hold a hearing to review such notice or order and take final action in accordance with Title 24, Article 4, C.R.S. Final agency action shall be subject to judicial review pursuant to Title 14, Article 4, C.R.S.

SECTIONARTICLE 11-13 – Fees and Charges

13.1 ~~41-1~~—Certification Fees: The Division of Fire Safety shall charge the following fees for fire inspector certifications:

<u>Certification Fees</u>	
Certification of Inspectors by State examination	\$30.00
Certification of Inspectors equivalent qualification review	\$40.00
Renewal of Fire Inspector certification	\$20.00
Certification or renewal of Inspectors by reciprocity of equivalent ICC or NFPA certifications.	\$10.00

13.2 Plan review, construction permit and inspection fees.

13.2.1 The Director of the Division shall charge a fee for plan review and issuance of a construction permit to cover the actual, reasonable, and necessary expenses of the Division for those expenses related to the Public School Construction Program.

13.2.2 The plan review, construction permit and inspection fees are calculated based on the project valuation.

A) The building inspection component of this fee only includes an oversight (interim) inspection and a final inspection conducted by the Division prior to the issuance of a certificate of occupancy.

B) The fire inspection component of the fee includes the necessary rough and final inspections.

C) Division inspection fees do not include costs associated with inspections conducted by local fire departments or third-party inspectors.

13.2.3 The Director of the Division will review the fund balance periodically and may reduce or increase the amount of the fee, if necessary, pursuant to section 24-75-402 (3) and 24-75-402 (4), C.R.S.

13.2.4 There are three levels of fees, based upon the services performed by the Division. A fee calculator also posted on the Division website, enables determination of total fees (plan review and construction permit fees, including inspection fees) prior to submittal of a project. The fee schedule applied to a project will be the fee schedule in effect on the date of application submittal.

A) Building Code Reviews performed by the Division

Plan Review, Permit and Inspection Fees

<u>Total Valuation</u>	<u>Fee</u>
<u>\$1.00 to \$2,000</u>	<u>\$50</u>
<u>\$2,001 to \$25,000</u>	<u>\$51 to \$647</u>
<u>\$25,001 to \$50,000</u>	<u>\$648 to \$1,064</u>
<u>\$50,001 to \$100,000</u>	<u>\$1,065 to \$1,598</u>
<u>\$100,001 to \$500,000</u>	<u>\$1,599 to \$4,337</u>
<u>\$500,001 to \$1,000,000</u>	<u>\$4,338 to \$6,532</u>
<u>\$1,000,001 to \$2,000,000</u>	<u>\$6,533 to \$9,345</u>
<u>\$2,000,001 to \$4,000,000</u>	<u>\$9,346 to \$12,952</u>
<u>\$4,000,001 to \$8,000,000</u>	<u>\$12,593 to \$17,577</u>
<u>\$8,000,001 to \$16,000,000</u>	<u>\$17,578 to \$23,505</u>
<u>\$16,000,001 to \$32,000,000</u>	<u>\$23,506 to \$31,105</u>
<u>\$32,000,001 to \$64,000,000</u>	<u>\$31,106 to \$40,848</u>
<u>\$64,000,001 +</u>	<u>\$40,849 +</u>

(1) Portable/Modular Building Fees per site: \$800.00 for the first unit, each additional portable/modular is \$100.00, up to 10 units.

(2) Re-Roof: Use fee schedule above, \$800.00 minimum

(3) Boiler/Chiller/Furnace/Air Handling Unit: Use fee schedule above, \$800.00 minimum

(4) Annual Permit: \$500

B) **Fire Code Reviews by the Division** ~~11.2 For construction project permits applied for after the effective date of this rule, the following fees shall be charged for Fire Code inspections performed by the Division of Fire Safety:~~

(1) ~~11.2.1 Inspection f~~ **Fire Review Fees**, are equal to the total projected construction cost multiplied by a factor of ~~\$0.000450~~ 0.000550, with a minimum ~~inspection fee of \$100~~ 300.00.

(2) Fire alarm system replacements use schedule above, with a minimum fee of \$750.00.

C) **Both Building and Fire Code Reviews performed by the Division**

(1) Fees will equal the sum of both the Building review fees in Article 13.2.4.A and the Fire review fees in Article 13.2.4.B.

13.2.5 ~~11.2.2~~ ~~Inspection fees~~ Fees shall ~~be~~ are charged at the time of permit issuance. Inspections shall not be performed until the required fee has been paid.-

13.2.6 ~~11.2.3~~ Re-inspection fees: The Division of ~~Fire Safety~~ shall may assess a \$200 re-inspection fee for each inspection or re-inspection, when such portion of work for which the inspection is called is not completed, or when corrections previously called for are not made.

A) ~~11.2.3.1~~ This ~~section~~ Article is not to be interpreted as requiring re-inspection fees the first time a job is rejected for failure to comply with the requirements of the adopted code. It is intended to control the practice of calling for inspections before the work is ready for such inspection or re-inspection.

13.2.7 ~~11.2.4~~ Off-hours inspections: The Division of ~~Fire Safety~~ may assess an off-hours inspection fee of \$200 for inspections requested outside of normal business hours.

A) ~~11.2.4.1~~ Normal hours are Monday through Friday between 8:00 am and 5:00 pm.

B) ~~11.2.4.2~~ Off-hours inspections are scheduled on an "as-available" basis. The Division of Fire Safety is not obligated to provide inspections outside of normal operating hours if an inspector is not available.

~~11.3 For construction projects permitted prior to the effective date of this rule, the following fees shall be charged for Fire Code inspections performed by the Division of Fire Safety:~~

~~11.3.1 Job site inspections shall be charged hourly at a rate of \$50.00 per hour for travel time and actual time on site, with a one hour minimum charge.~~

~~11.3.1.1 Travel to and from job site will be based on the mileage formula of 40 miles of travel equals one hour.~~

~~11.3.2 Failure to pay for Fire Code inspections performed shall result in a notice of violation and enforcement in accordance with Section 9 of this rule.~~

~~11.3.3 Re-inspection fees may be assessed as described in Section 11.2.3.~~

~~11.3.4 Off-hours inspection fees may be assessed as described in Section 11.2.4.~~

13.3 ~~11.4~~ Maintenance Inspection Fees: The following fees shall be charged for maintenance inspections performed by the Division of Fire Safety:

<u>Maintenance Inspection Fees</u>	
0 – 150 Students	\$125
151 – 300 Students	\$250
301 – 450 Students	\$375
451 or more Students	\$500

13.3.1 ~~11.4.5~~ Student counts for fees shall be based upon the current pupil membership data published at the time of the inspection by the Colorado Department of Education.

13.3.2 Fees are charged per address. Total student counts are considered for consolidated schools located at one address.

11.4.2 Failure to pay for Fire Code inspections performed shall result in a notice of violation and enforcement in accordance with ~~Section~~ Article 9-11 of this rule.

~~SECTION~~ ARTICLE 12-14 – Severability

14.1 ~~12.1~~ If any provision, or application of these ~~rules and~~ regulations is held invalid, all other provisions and applications of these ~~rules and~~ regulations, shall remain in effect.

~~SECTION~~ ARTICLE 13-15 – Inquiries

15.1 ~~13.1~~ All questions or requests for interpretation of these ~~rules~~ regulations shall be submitted in writing to the Colorado Division of Fire Safety, Public School ~~Fire Safety~~ Program Administrator.