

TITLE 655

BOARD OF FIREFIGHTING PERSONNEL

STANDARDS AND EDUCATION

Art. 1. PERSONNEL STANDARDS AND EDUCATION

ARTICLE 1. PERSONNEL STANDARDS AND EDUCATION

- Rule 1. General Administrative Rule
Rule 2. Training for Voluntary Certification Program
(*Repealed*)
Rule 2.1. Training for Voluntary Certification Program
(1996)
Rule 3. Twenty-Four Hour Mandatory Training Program
Rule 4. Mandatory Training Requirements

Rule 1. General Administrative Rule

- 655 IAC 1-1-1 Title; purpose; scope; availability
655 IAC 1-1-1.1 Definitions
655 IAC 1-1-2 Administrative adjudication
655 IAC 1-1-3 Open meetings
655 IAC 1-1-4 Voluntary certification program
655 IAC 1-1-5 Certifications; requirements (*Repealed*)
655 IAC 1-1-5.1 Certifications under this rule; requirements
655 IAC 1-1-6 Instructor authorization (*Repealed*)
655 IAC 1-1-6.1 Instructor I and Instructor II/III
655 IAC 1-1-7 Revocation of certification
655 IAC 1-1-8 Right of appeal
655 IAC 1-1-9 Reciprocity for equivalent training
655 IAC 1-1-10 Discriminatory practice
655 IAC 1-1-11 Validity of certifications
655 IAC 1-1-12 Application and testing procedures; appeals; challenges; reciprocity
655 IAC 1-1-13 Qualifications of evaluators and proctors
655 IAC 1-1-14 Reciprocity

655 IAC 1-1-1 Title; purpose; scope; availability

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 1. (a) This rule shall be known as the administrative rule for the board of firefighting personnel standards and education for general use and distribution under that title. Whenever the term “this rule” is used throughout this rule, it shall mean the administrative rule for the board.

(b) The purpose of this rule is to provide for the administration of a voluntary program for certification of fire service personnel, fire department instructors, and firefighting training and education programs by the board.

(c) This rule is available for purchase from the board, 402 West Washington Street, Room E241, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-1; filed May 26, 1989, 2:15 p.m.; 12 IR 1869; filed Jul 18, 1996, 3:00*

p.m.; 19 IR 3384; readopted filed Aug 27, 2001, 10:55 a.m.; 25 IR 203; errata, 26 IR 383)

655 IAC 1-1-1.1 Definitions

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 1.1. (a) The definitions in this section apply throughout this article.

(b) “Authority having jurisdiction”, for purposes of NFPA standards adopted by the board, means the board.

(c) “Authorized testing agency” means any person or organization that complies with the requirements for testing under this title.

(d) “Authorized training entity” means any person or organization that teaches board-approved programs or courses in compliance with this title.

(e) “Board” means the board of firefighting personnel standards and education.

(f) “Fire service person” means a person eighteen (18) years of age or older who is engaged in:

- (1) fire suppression;
- (2) fire code enforcement;
- (3) fire education; or
- (4) fire investigation.

(g) “Lead evaluator” means any person who supervises or coordinates the administration of practical skills examinations and signs off on practical skills examination forms.

(h) “Nonfire service person” means a person eighteen (18) years of age or older.

(i) “Six-hour up-date class” means a course of instruction at the conclusion of which a student shall do the following:

(1) Describe, orally or in writing, the following:

(A) The procedures for voluntary certification under the rules of the board.

(B) The procedures by which a certification program may be accredited by the International Fire Service Accreditation Congress.

(C) The requirements for certification as an Instructor I and Instructor II/III.

(D) The difference between a cognitive examination and a practical skills examination.

(E) Instructional planning and development methods and techniques and instructional materials and aids.

(F) The evaluation and testing procedures used by a proctor under this title.

(G) The evaluation and testing procedures used by a lead evaluator under this title.

(H) The responsibilities and duties of a proctor, lead evaluator, and evaluator under this title.

(2) Design or develop an evaluation and grading system for a cognitive examination and a practical skills examination.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-1.1; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3384; filed Sep 24, 1999, 10:02 a.m.: 23 IR 326; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1156; errata filed Jan 8, 2002, 1:55 p.m.: 25 IR 1645; errata, 26 IR 383)

655 IAC 1-1-2 Administrative adjudication

Authority: IC 22-14-2-7

Affected: IC 4-21.5

Sec. 2. The administrative adjudication and court review procedures of the board shall be governed by IC 4-21.5. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-2; filed May 26, 1989, 2:15 p.m.: 12 IR 1870; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)*

655 IAC 1-1-3 Open meetings

Authority: IC 22-14-2-7

Affected: IC 5-14-1.5

Sec. 3. The board shall hold all meetings in accordance with IC 5-14-1.5. Minutes, if any, are to be open for public inspection and copying under IC 5-14-1.5-4. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-3; filed May 26, 1989, 2:15 p.m.: 12 IR 1870; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)*

655 IAC 1-1-4 Voluntary certification program

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 4. The board offers voluntary certification programs in the following areas:

- (1) Fire service personnel.
- (2) Fire department instructors.
- (3) Firefighting training and education programs.
- (4) Nonfire service personnel.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-4; filed May 26, 1989, 2:15 p.m.: 12 IR 1870; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1157; errata, 26 IR 383)

655 IAC 1-1-5 Certifications; requirements (Repealed)

Sec. 5. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3412, eff three years after the effective date of 655 IAC 1-1-5.1, which was filed with the secretary of state Jul 18, 1996, 3:00 p.m.: 19 IR 3412)*

655 IAC 1-1-5.1 Certifications under this rule; requirements

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 5.1. (a) Any Indiana fire service person may enter the voluntary certification program by submitting an application and verification by competency based testing for the certification sought. Applications shall be legibly signed by the authorized instructor who has taken responsibility for the verified competencies. Applications shall be legibly completed in full. Applications shall be provided by the board upon request.

(b) Any Indiana nonfire service person may enter the voluntary certification program by submitting an application and verification by competency based testing for the certification sought. Applications shall be legibly signed by the authorized instructor who has taken responsibility for the verified competencies. Applications shall be legibly completed in full. Applications shall be provided by the board upon request.

(c) Certifications are available for the following:

(1) Fire service person as follows:

<u>Certification</u>	<u>Requirements</u>
Basic Firefighter	655 IAC 1-2.1-2 and 655 IAC 1-2.1-3
Firefighter I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-4
Firefighter II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-5
Driver/Operator-Pumper	655 IAC 1-2.1-2 and 655 IAC 1-2.1-6
Driver/Operator-Aerial	655 IAC 1-2.1-2 and 655 IAC 1-2.1-6.1
Driver/Operator-Wildland Fire Apparatus	655 IAC 1-2.1-2 and 655 IAC 1-2.1-6.2
Driver/Operator-Aircraft	655 IAC 1-2.1-2 and
Crash and Rescue	655 IAC 1-2.1-6.3
Driver/Operator-Mobile Water Supply	655 IAC 1-2.1-2 and 655 IAC 1-2.1-6.4
Airport Firefighter-Aircraft	655 IAC 1-2.1-2 and
Crash and Rescue	655 IAC 1-2.1-7
Fire Officer I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-8
Fire Officer II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-9

Fire Officer III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-10	Rescue Technician-Vehicle and Machinery Rescue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-75.2
Fire Officer IV	655 IAC 1-2.1-2 and 655 IAC 1-2.1-11	Rescue Technician-Confined Space Rescue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-75.3
Fire Inspector I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-12	Rescue Technician-Structural Collapse Rescue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-75.4
Fire Inspector II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-13	Rescue Technician-Trench Rescue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-75.5
Fire Inspector III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-14	Swift Water Rescue Techni- cian	655 IAC 1-2.1-2 and 655 IAC 1-2.1-76.1 through 655 IAC 1- 2.1-76.3
Fire Investigator I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-15	Land-Based Firefighter-Ma- rine Vessel Fires	655 IAC 1-2.1-2 and 655 IAC 1-2.1-88(a)
Public Fire and Life Safety Educator I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-16	Fire Medic I	655 IAC 1-2.1-2 and 655 IAC [sic.] 655 IAC 1-2.1-89
Public Fire and Life Safety Educator II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-17	Fire Medic II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-90
Public Fire and Life Safety Educator III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-18	Fire Medic III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-91
Safety Officer	655 IAC 1-2.1-2 and 655 IAC 1-2.1-22	Fire Medic IV	655 IAC 1-2.1-2 and 655 IAC 1-2.1-92
Firefighter-Wildland Fire Sup- pression I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-23	Public Information Officer	655 IAC 1-2.1-2 and 655 IAC 1-2.1-93
Firefighter-Wildland Fire Sup- pression II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-23.1	Juvenile Firesetter Intervention Specialist I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-94
Hazardous Materials First Responder-Awareness	655 IAC 1-2.1-2 and 655 IAC 1-2.1-24	Juvenile Firesetter Intervention Specialist II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-95
Hazardous Materials First Responder-Operations	655 IAC 1-2.1-2 and 655 IAC 1-2.1-24.1	(2) Fire department instructors as follows:	
Hazardous Materials Techni- cian	655 IAC 1-2.1-2 and 655 IAC 1-2.1-24.2	<u>Certification</u>	<u>Requirements</u>
Emergency Vehicle Techni- cian I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-25 through 655 IAC 1- 2.1-35	Instructor I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-19
Emergency Vehicle Techni- cian II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-36 through 655 IAC 1- 2.1-60	Instructor II/III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-20
Fire Service Engineering Technician	655 IAC 1-2.1-2 and 655 IAC 1-2.1-61 through 655 IAC 1- 2.1-64	Instructor-Swift Water Rescue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-19.1
Motor Sports Emergency Re- sponder	655 IAC 1-2.1-2 and 655 IAC 1-2.1-65 through 655 IAC 1- 2.1-74	(3) Firefighting training and education programs as follows:	
Rescue Technician-Rope Res- cue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-75	<u>Certification</u>	<u>Requirements</u>
Rescue Technician-Surface Water Rescue	655 IAC 1-2.1-2 and 655 IAC 1-2.1-75.1	Basic Firefighter	655 IAC 1-2.1-3
		Firefighter I	655 IAC 1-2.1-4(a)
		Firefighter II	655 IAC 1-2.1-5(a)
		Driver/Operator-Pumper	655 IAC 1-2.1-6(a)
		Driver/Operator-Aerial	655 IAC 1-2.1-6.1(a)
		Driver/Operator-Wildland Fire Apparatus	655 IAC 1-2.1-6.2(a)
		Driver/Operator-Aircraft Crash and Rescue	655 IAC 1-2.1-6.3(a)

Driver/Operator-Mobile Water Supply	655 IAC 1-2.1-6.4(a)	Rescue Technician-Confined Space Rescue	655 IAC 1-2.1-75.3
Airport Firefighter-Aircraft Crash and Rescue	655 IAC 1-2.1-7(a)	Rescue Technician-Structural Collapse Rescue	655 IAC 1-2.1-75.4
Fire Officer I	655 IAC 1-2.1-8(a)	Rescue Technician-Trench Rescue	655 IAC 1-2.1-75.5
Fire Officer II	655 IAC 1-2.1-9(a)	Swift Water Rescue Technician	655 IAC 1-2.1-76.1 through 655 IAC 1-2.1-76.3
Fire Officer III	655 IAC 1-2.1-10(a)	Land-Based Firefighter-Marine Vessel Fires	655 IAC 1-2.1-88(a)
Fire Officer IV	655 IAC 1-2.1-11(a)	Fire Medic I	655 IAC 1-2.1-89
Fire Inspector I	655 IAC 1-2.1-12(a)	Fire Medic II	655 IAC 1-2.1-90
Fire Inspector II	655 IAC 1-2.1-13(a)	Fire Medic III	655 IAC 1-2.1-91
Fire Inspector III	655 IAC 1-2.1-14(a)	Fire Medic IV	655 IAC 1-2.1-92
Fire Investigator I	655 IAC 1-2.1-15(a)	Public Information Officer	655 IAC 1-2.1-93
Public Fire and Life Safety Educator I	655 IAC 1-2.1-16(a)	Juvenile Firesetter Intervention Specialist I	655 IAC 1-2.1-94
Public Fire and Life Safety Educator II	655 IAC 1-2.1-17(a)	Juvenile Firesetter Intervention Specialist II	655 IAC 1-2.1-95
Public Fire and Life Safety Educator III	655 IAC 1-2.1-18(a)	Instructor I	655 IAC 1-2.1-19(a)
Safety Officer	655 IAC 1-2.1-22(a)	Instructor II/III	655 IAC 1-2.1-20(a)
Firefighter-Wildland Fire Suppression I	655 IAC 1-2.1-23(a)	Instructor-Swift Water Rescue	655 IAC 1-2.1-19.1
Firefighter-Wildland Fire Suppression II	655 IAC 1-2.1-23.1(a)	(4) Nonfire service person as follows:	
Hazardous Materials First Responder-Awareness	655 IAC 1-2.1-24	<u>Certification</u>	<u>Requirements</u>
Hazardous Materials First Responder-Operations	655 IAC 1-2.1-24.1	Fire Inspector I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-12
Hazardous Materials Technician	655 IAC 1-2.1-24.2	Fire Inspector II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-13
Emergency Vehicle Technician I	655 IAC 1-2.1-25 through 655 IAC 1-2.1-35	Fire Inspector III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-14
Emergency Vehicle Technician II	655 IAC 1-2.1-36 through 655 IAC 1-2.1-60	Fire Investigator I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-15
Fire Service Engineering Technician	655 IAC 1-2.1-61 through 655 IAC 1-2.1-64	Public Fire and Life Safety Educator I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-16
Motor Sports Emergency Responder	655 IAC 1-2.1-65 through 655 IAC 1-2.1-74	Public Fire and Life Safety Educator II	655 IAC 1-2.1-2 and 655 IAC 1-2.1-17
Rescue Technician-Rope Rescue	655 IAC 1-2.1-75	Public Fire and Life Safety Educator III	655 IAC 1-2.1-2 and 655 IAC 1-2.1-18
Rescue Technician-Surface Water Rescue	655 IAC 1-2.1-75.1	Swift Water Rescue Technician	655 IAC 1-2.1-2 and 655 IAC 1-2.1-76.1 through 655 IAC 1-2.1-76.3
Rescue Technician-Vehicle and Machinery Rescue	655 IAC 1-2.1-75.2	Public Information Officer	655 IAC 1-2.1-2 and 655 IAC 1-2.1-93
		Juvenile Firesetter Intervention Specialist I	655 IAC 1-2.1-2 and 655 IAC 1-2.1-94

Juvenile Firesetter Intervention 655 IAC 1-2.1-2 and Specialist II 655 IAC 1-2.1-95

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-5.1; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3384; filed Sep 24, 1999, 10:02 a.m.: 23 IR 326; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1157; errata, 26 IR 383)

655 IAC 1-1-6 Instructor authorization (Repealed)

Sec. 6. (Repealed by Board of Firefighting Personnel Standards and Education; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3412, eff three years after the effective date of 655 IAC 1-1-5.1, which was filed with the secretary of state Jul 18, 1996, 3:00 p.m.: 19 IR 3412)

655 IAC 1-1-6.1 Instructor I and Instructor II/III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.1. (a) Instructor I shall have authorization in the following areas:

- (1) To teach the requirements for the following:
 - (A) Indiana mandatory training.
 - (B) Basic Firefighter.
 - (C) Firefighter I.
 - (D) Firefighter II.
- (2) To sign the applications for the following:
 - (A) Indiana mandatory training.
 - (B) Basic Firefighter.
 - (C) Firefighter I.
 - (D) Firefighter II.
- (3) To teach from prepared materials.
- (4) To serve as an evaluator for practical skills examinations.

(b) Instructor II/III shall have authorization in the following areas:

- (1) To teach the requirements for the following:
 - (A) Indiana mandatory training.
 - (B) Basic Firefighter.
 - (C) Firefighter I.
 - (D) Firefighter II.
- (2) To sign the applications for the following:
 - (A) Indiana mandatory training.
 - (B) Basic Firefighter.
 - (C) Firefighter I.
 - (D) Firefighter II.
- (3) To teach from prepared materials.
- (4) To teach from personally written lesson plans that are in addition to prepared materials.
- (5) To teach and sign applications for advanced firefighter courses.

(6) To issue certificates of successful completion to students in the instructor's advanced courses.

(7) To proctor and grade written tests as required by the board.

(8) To evaluate all practical skills required by the board as a lead evaluator.

(9) To teach the six-hour up-date class.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-6.1; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3386; filed Sep 24, 1999, 10:02 a.m.: 23 IR 327; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-1-7 Revocation of certification

Authority: IC 22-14-2-7

Affected: IC 4-21.5-3-6; IC 22-12-7-7

Sec. 7. (a) Upon receipt of evidence that information provided to the board, upon which a certification was issued was falsified, the board shall impose an appropriate sanction following the provisions of IC 4-21.5-3-6 and IC 22-12-7-7(4).

(b) The certification of any Instructor I or II/III may be suspended or revoked by the board in accordance with the provisions of IC 22-12-7-7(4) upon information provided to the board that such Instructor I or II/III has:

- (1) failed to uphold and respect a student's right to privacy, dignity, and safety; and
- (2) been convicted of an offense if the acts that resulted in the conviction have a direct bearing on whether or not the person shall be entrusted to serve as an Instructor I or II/III.

(c) Review may be initiated by the board in the absence of external written requests or complaints. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-7; filed May 26, 1989, 2:15 p.m.: 12 IR 1871; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1159; errata, 26 IR 383)

655 IAC 1-1-8 Right of appeal

Authority: IC 22-14-2-7

Affected: IC 4-21.5-3; IC 22-12-7

Sec. 8. Any person aggrieved by an action of the board may obtain administrative review of said action by filing a petition for review pursuant to the applicable provisions of IC 22-12-7 and IC 4-21.5-3. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-8; filed May 26, 1989, 2:15 p.m.: 12 IR 1871; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-1-9 Reciprocity for equivalent training**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 9. A fire fighter, who can provide evidence of having completed training and testing equivalent to the requirements of the board for a particular classification, shall be entitled to receive that certification from the board when all other prerequisites are met. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-9; filed May 26, 1989, 2:15 p.m.: 12 IR 1871; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-1-10 Discriminatory practice**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 10. The certification program shall not be discriminatory. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-10; filed May 26, 1989, 2:15 p.m.: 12 IR 1872; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-1-11 Validity of certifications**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 11. Certifications granted by the board under previous rules shall remain valid after the repeal of such previous rules. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-11; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3387; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-1-12 Application and testing procedures; appeals; challenges; reciprocity**Authority:** IC 22-14-2-7**Affected:** IC 4-21.5

Sec. 12. (a) Applications shall bear an original and legible signature, not mechanically reproduced, of the authorized instructor who is accepting responsibility for the competency.

(b) Basic firefighter test results submitted with applications for certification are to be completed with the following:

- (1) The month, day, and year that the written test was given.
- (2) The written test score.
- (3) The signature of the authorized instructor who administered and graded the written test and evaluated the practical skills examination.
- (c) The authorized training entity shall send a list of

students requesting examination to the authorized testing entity not less than fifteen (15) days before the requested examination date. Preregistration is required for all certification examinations.

(d) The authorized testing entity shall prepare a roster of preregistered students and send it to the lead evaluator or proctor as applicable.

(e) The authorized testing entity shall verify student registration and prerequisites and shall mail confirmations to all properly registered examination applicants approximately two (2) weeks prior to the examination date.

(f) The authorized testing entity shall obtain the form and content of each written cognitive examination from the board.

(g) Practical skills examinations shall be administered at the conclusion of the training course.

(h) Practical skills examinations shall test all of the practical skills contained in the objectives required for the certification that is the subject of the practical skills examination.

(i) The content of each practical skills examination shall be obtained from the board.

(j) Practical skills examination procedures shall be as follows:

(1) All examinations shall be graded on a pass/fail basis.

(2) Individual test participants shall be verified upon arrival at the examination site to determine that their name appears on the roster to be able to take the examination.

(3) Any individual not on the official examination site roster will not be allowed into the examination.

(4) A photo identification must be provided by the applicant along with all prerequisite documentation.

(5) Once all admission requirements have been verified, the individual will be allowed to take the examination.

(6) Once the examination has begun, the entrance to the examination site will be secured, and no additional individuals will be permitted to enter.

(7) The lead evaluator shall make certain that all paperwork, necessary equipment, and props are in order, in place, and in working order before the evaluation begins.

(8) Assisting evaluators, where needed, shall be selected by the lead evaluator from a list provided by the authorized testing entity.

(9) All evaluators shall use standards adopted by the board in this title.

(10) The lead evaluator shall:

(A) sign all evaluation forms; and

(B) ensure that evaluation forms are properly completed in ink by any assisting evaluator and returned to the lead evaluator immediately following the examination.

- (11) The lead evaluator shall be responsible for the following:
- (A) Maintaining a safe environment while the examination is in progress.
 - (B) Ensuring that applicable safety and risk management protocols are followed.
- (12) The lead evaluator shall return all examination paperwork to the authorized testing organization within three (3) working days after the examinations are completed.
- (k) The procedures for written cognitive examinations shall be as follows:
- (1) A minimum of seventy percent (70%) grade is required to pass the examination.
 - (2) One (1) or more proctors shall monitor each examination.
 - (3) Individual test participants will be verified upon arrival at the examination site to determine that their name appears on the roster to be able to take the examination.
 - (4) Any individual not on the official examination site roster will not be allowed into the examination. Walk-in registrations shall not be accepted.
 - (5) A photo identification must be provided by the applicant along with all prerequisite documentation.
 - (6) Once all admission requirements have been verified, the individual will be allowed to take the examination.
 - (7) Once the examination has begun, the entrance to the examination site will be secured, and no additional individuals will be permitted to enter.
 - (8) Each examination participant shall sign and date the student registration form.
 - (9) Examination participants shall be seated at least one (1) foot away from each other participant.
 - (10) Any examination participant observed talking to another examination participant while either has his or her answer sheet in his or her possession shall be immediately dismissed from the examination and shall receive a score of zero (0) on the examination.
 - (11) Any examination participant observed copying from another participant's paper shall:
 - (A) be immediately dismissed from the examination; and
 - (B) receive a score of zero (0) on the examination.
 - (12) The maximum time allowed for each examination shall be three (3) hours.
 - (13) At the end of the examination period, the proctor shall ensure that:
 - (A) each student returns:
 - (i) the test booklet;
 - (ii) the completed answer sheet; and
 - (iii) the completed registration form; and
 - (B) no marks were made on the test booklet.
 - (14) The proctor shall seal all test booklets and answer sheets and return them within three (3) working days to the authorized testing agency for scoring.
 - (15) If more than one (1) room is being used for the examination, a minimum of one (1) proctor per room shall be required.
- (l) The oral examination procedure for cognitive examinations shall be as follows:
- (1) Requests for oral examination shall:
 - (A) be made in writing to the board; and
 - (B) specify the level of testing requested and the basis for the request for oral examination.
 - (2) The board shall review the request and determine whether the basis meets one (1) or more of the following criteria:
 - (A) Physical disability.
 - (B) Mental disability.
 - (C) Educational disability.
 - (3) If one (1) or more of the review criteria is met, the request shall be granted and the applicant shall be notified in writing of the scheduled date and location of the oral examination.
 - (4) Applicants shall meet all other examination requirements and prerequisites for the level of examination being requested.
 - (5) A minimum of seventy percent (70%) grade is required to pass the examination.
 - (6) One (1) or more proctors shall monitor each examination.
 - (7) Individual test participants will be verified upon arrival at the examination site to determine that their name appears on the roster to be able to take the examination.
 - (8) Any individual not on the official examination site roster will not be allowed into the examination. Walk-in registrations shall not be accepted.
 - (9) A photo identification must be provided by the applicant along with all prerequisite documentation.
 - (10) Once all admission requirements have been verified, the individual will be allowed to take the examination.
 - (11) Once the examination has begun, the entrance to the examination site will be secured, and no additional individuals will be permitted to enter.
 - (12) Each examination participant shall sign and date the student registration form.
 - (13) The maximum time allowed for each examination shall be eight (8) hours.
 - (14) At the end of the examination period, the proctor shall ensure that:
 - (A) each student returns:
 - (i) the test booklet;

- (ii) the completed answer sheet; and
- (iii) the completed registration form; and
- (B) no marks were made on the test booklet.
- (15) The proctor shall seal all test booklets and answer sheets and return them within three (3) working days to the authorized testing agency for scoring.
- (16) The proctor/participant ratio shall not exceed one (1) proctor for each participant.
- (m) A student may retake any examination within ninety (90) days after receipt of notification of a failing score on such examination. If the student fails to achieve a passing score on the retake examination, the student may do one (1) of the following:
 - (1) Complete a second course of instruction for the certification for which the failed retest examination was given, and achieve a passing score on the cognitive examinations for the certification.
 - (2) At any time after one (1) year from the date on which the student took the failed retest examination, take the examination again.
- (n) All appeals shall be heard by the board under IC 4-21.5. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-12; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3387; filed Sep 24, 1999, 10:02 a.m.: 23 IR 328; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-1-13 Qualifications of evaluators and proctors

Authority: IC 22-14-2-7

Affected: IC 22-12-7-7

Sec. 13. (a) The qualifications for lead evaluator shall be as follows:

- (1) Certification as at least Instructor II/III.
- (2) Specialty classification in the course being evaluated.
- (3) Has mastered the curriculum of the course being evaluated.
- (4) Possesses adequate supervisory skills for the proper supervision of the students and any assisting evaluators.
- (5) Has experience in the objective evaluation of performance skills.
- (6) Has signed a written acknowledgement prepared by the board concerning the following:
 - (A) Commitment to serve as lead evaluator.
 - (B) Acceptance of assignments by the board.
 - (C) Commitment to uphold the board's practices and policies.
 - (D) Acknowledgement and acceptance of conditions concerning the administration of practical skills examinations.

- (7) Has successfully completed the six-hour up-date class.
- (8) Is not the lead instructor for the host department where the examination is taking place.
- (b) An assisting evaluator must be certified as an Instructor I.
- (c) Assisting evaluators may be used in their respective departments or other departments if they are part of a county wide system or if there are students from their respective departments taking part in the examination, so long as they have not taught the subject matter in the course being evaluated.

(d) The instructor certification of any evaluator who fails to abide by the rules of the board with respect to practical skills examinations shall be subject to disciplinary action by the board. Such disciplinary action shall be pursuant to IC 22-12-7-7(4).

(e) A proctor must be one (1) of the following:

- (1) Certified as at least an Instructor II/III.
- (2) Holder of a valid teacher's license.
- (3) A faculty member at an institution of higher learning.
- (4) A staff member of an authorized training entity.

(f) The instructor certification of any proctor who fails to abide by the rules of the board with respect to written cognitive examinations shall be subject to disciplinary action by the board. Such disciplinary action shall be pursuant to IC 22-12-7-7(4).

(g) The instructor certification of any proctor who fails to abide by the rules of the board with respect to oral cognitive examinations shall be subject to disciplinary action by the board. Such disciplinary action shall be pursuant to IC 22-12-7-7(4). (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-13; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3389; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1160; errata, 26 IR 383*)

655 IAC 1-1-14 Reciprocity

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 14. Reciprocal certification shall be granted to an applicant as follows:

- (1) The applicant has an original certificate for the certification level from an entity whose programs are substantially similar to the programs contained in the board's rules. Programs accredited by the International Fire Service Accreditation Congress are deemed to be substantially similar. Any seal or authenticating number on such certificate shall be intact and unaltered in any way.
- (2) The applicant presents the original certificate to the board at the time of application.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-1-14; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3389; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

Rule 2. Training for Voluntary Certification Program (Repealed)

(Repealed by Board of Firefighting Personnel Standards and Education; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3412, eff three years after the effective date of 655 IAC 1-1-5.1, which was filed with the secretary of state Jul 18, 1996, 3:00 p.m.: 19 IR 3412; errata, 20 IR 21)

Rule 2.1. Training for Voluntary Certification Program (1996)

655 IAC 1-2.1-1 Title; purpose; availability
 655 IAC 1-2.1-2 Firefighter certification; general
 655 IAC 1-2.1-3 Basic Firefighter requirements
 655 IAC 1-2.1-4 Firefighter I
 655 IAC 1-2.1-5 Firefighter II
 655 IAC 1-2.1-6 Driver/Operator-Pumper
 655 IAC 1-2.1-6.1 Driver/Operator-Aerial
 655 IAC 1-2.1-6.2 Driver/Operator-Wildland Fire Apparatus
 655 IAC 1-2.1-6.3 Driver/Operator-Aircraft Crash and Rescue
 655 IAC 1-2.1-6.4 Driver/Operator-Mobile Water Supply
 655 IAC 1-2.1-7 Airport Firefighter-Aircraft Crash and Rescue
 655 IAC 1-2.1-8 Fire Officer I
 655 IAC 1-2.1-9 Fire Officer II
 655 IAC 1-2.1-10 Fire Officer III
 655 IAC 1-2.1-11 Fire Officer IV
 655 IAC 1-2.1-12 Fire Inspector I
 655 IAC 1-2.1-13 Fire Inspector II
 655 IAC 1-2.1-14 Fire Inspector III
 655 IAC 1-2.1-15 Fire Investigator I
 655 IAC 1-2.1-16 Public Fire and Life Safety Educator I
 655 IAC 1-2.1-17 Public Fire and Life Safety Educator II
 655 IAC 1-2.1-18 Public Fire and Life Safety Educator III
 655 IAC 1-2.1-19 Instructor I
 655 IAC 1-2.1-19.1 Instructor-Swift Water Rescue
 655 IAC 1-2.1-20 Instructor II/III
 655 IAC 1-2.1-21 Instructor IV *(Repealed)*
 655 IAC 1-2.1-22 Safety Officer
 655 IAC 1-2.1-23 Firefighter-Wildland Fire Suppression I
 655 IAC 1-2.1-23.1 Firefighter-Wildland Fire Suppression II
 655 IAC 1-2.1-24 Hazardous Materials First Responder-Awareness
 655 IAC 1-2.1-24.1 Hazardous Materials First Responder-Operations
 655 IAC 1-2.1-24.2 Hazardous Materials-Technician
 655 IAC 1-2.1-25 Emergency Vehicle Technician I
 655 IAC 1-2.1-26 Definition of terms and phrases
 655 IAC 1-2.1-27 Apparatus and vehicles; types
 655 IAC 1-2.1-28 Apparatus and vehicles standards and specifications
 655 IAC 1-2.1-29 Role of the technician

655 IAC 1-2.1-30 Legal aspects
 655 IAC 1-2.1-31 Service and maintenance
 655 IAC 1-2.1-32 Record keeping
 655 IAC 1-2.1-33 Vehicle components
 655 IAC 1-2.1-34 Automotive hazardous waste
 655 IAC 1-2.1-35 General equipment maintenance
 655 IAC 1-2.1-36 Emergency vehicle technician II
 655 IAC 1-2.1-37 Budget procedures
 655 IAC 1-2.1-38 Apparatus and vehicles standards and specifications
 655 IAC 1-2.1-39 Role of the technician
 655 IAC 1-2.1-40 Selection and review policy
 655 IAC 1-2.1-41 Brake components
 655 IAC 1-2.1-42 Steering operations
 655 IAC 1-2.1-43 Power train
 655 IAC 1-2.1-44 Chassis
 655 IAC 1-2.1-45 Gasoline and diesel engine
 655 IAC 1-2.1-46 Cooling system
 655 IAC 1-2.1-47 Electrical system
 655 IAC 1-2.1-48 Fire pump
 655 IAC 1-2.1-49 Apparatus water tanks
 655 IAC 1-2.1-50 General apparatus testing
 655 IAC 1-2.1-51 Basic pumper service test
 655 IAC 1-2.1-52 Repair, repower, recondition, and replacement factors
 655 IAC 1-2.1-53 Apparatus purchase specification
 655 IAC 1-2.1-54 Nozzle inspection; service and repair
 655 IAC 1-2.1-55 Hose inspection; service and repair
 655 IAC 1-2.1-56 Wyes and gated wyes; inspection, service, and repair
 655 IAC 1-2.1-57 Ground ladders; inspection, service, and repair
 655 IAC 1-2.1-58 Vehicle mounted or portable generator; inspection, service, testing, and repair
 655 IAC 1-2.1-59 Ventilation fans; inspection, service, testing, and repair
 655 IAC 1-2.1-60 Fire service saws; inspection, service, testing, and repair
 655 IAC 1-2.1-61 Fire Service Engineering Technician
 655 IAC 1-2.1-62 Sprinkler system
 655 IAC 1-2.1-63 Fire alarm and protection system
 655 IAC 1-2.1-64 Calculations, rating, and testing
 655 IAC 1-2.1-65 Motor Sports Emergency Responder
 655 IAC 1-2.1-66 Competitions, arenas, and vehicles
 655 IAC 1-2.1-67 Emergency protection
 655 IAC 1-2.1-68 Physical condition assessment
 655 IAC 1-2.1-69 Personal safety
 655 IAC 1-2.1-70 Extrication
 655 IAC 1-2.1-71 Common fires and fuel sources
 655 IAC 1-2.1-72 Safety warning devices and radio communication
 655 IAC 1-2.1-73 Incident command, priorities, and stabilization
 655 IAC 1-2.1-74 Placement of emergency apparatus; personnel safety
 655 IAC 1-2.1-75 Rescue Technician-Rope Rescue
 655 IAC 1-2.1-75.1 Rescue Technician-Surface Water Rescue
 655 IAC 1-2.1-75.2 Rescue Technician-Vehicle and Machinery Rescue

655 IAC 1-2.1-75.3	Rescue Technician-Confined Space Rescue
655 IAC 1-2.1-75.4	Rescue Technician-Structural Collapse Rescue
655 IAC 1-2.1-75.5	Rescue Technician-Trench Rescue
655 IAC 1-2.1-76	Incident management system (<i>Repealed</i>)
655 IAC 1-2.1-76.1	Swift Water Rescue Technician
655 IAC 1-2.1-76.2	Description requirements
655 IAC 1-2.1-76.3	Demonstration requirements
655 IAC 1-2.1-77	Safety requirements (<i>Repealed</i>)
655 IAC 1-2.1-78	Physics requirements (<i>Repealed</i>)
655 IAC 1-2.1-79	Search requirements (<i>Repealed</i>)
655 IAC 1-2.1-80	Extrication (<i>Repealed</i>)
655 IAC 1-2.1-81	Trench requirements (<i>Repealed</i>)
655 IAC 1-2.1-82	Confined space rescue (<i>Repealed</i>)
655 IAC 1-2.1-83	Structural collapse rescue (<i>Repealed</i>)
655 IAC 1-2.1-84	Heavy machinery rescue (<i>Repealed</i>)
655 IAC 1-2.1-85	Line rescue (<i>Repealed</i>)
655 IAC 1-2.1-86	Water rescue (<i>Repealed</i>)
655 IAC 1-2.1-87	Incident manager (<i>Repealed</i>)
655 IAC 1-2.1-88	Land-based firefighter-marine vessel fires
655 IAC 1-2.1-89	Fire Medic I
655 IAC 1-2.1-90	Fire Medic II
655 IAC 1-2.1-91	Fire Medic III
655 IAC 1-2.1-92	Fire Medic IV
655 IAC 1-2.1-93	Public Information Officer
655 IAC 1-2.1-94	Juvenile Firesetter Intervention Specialist I
655 IAC 1-2.1-95	Juvenile Firesetter Intervention Specialist II

655 IAC 1-2.1-1 Title; purpose; availability

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 1. (a) This rule shall be known as the Indiana firefighter training and education certification program, 1996 edition, and shall be published by the board for general distribution and use under that title.

(b) The purpose of this rule is to specify, in terms of performance objectives, the minimum requirements of professional competence required for certification as a firefighter. It is not the intent of this rule to restrict any jurisdiction from exceeding these minimum requirements. This rule shall cover the entrance requirements and the requirements for subsequent progression of certification.

(c) This rule is available for purchase from the Board of Firefighting Personnel Standards and Education, 402 West Washington Street, Room E241, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-1; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3390; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-2 Firefighter certification; general

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 2. (a) Each of the performance objectives for any level of fire service person or nonfire service person certification shall meet the following criteria:

(1) Each shall be performed in a timely manner, safely, and with competent technique as outlined in the appropriate standard.

(2) Each objective shall be met in its entirety.

(b) It is not required for the objectives to be mastered in the order that they appear. The local program shall establish the instructional priority to prepare individuals to meet the performance objectives of this rule.

(c) Performance of practical skills objectives covered by this rule shall be evaluated by a certified instructor who shall be an authorized evaluator. An evaluator shall not evaluate sections taught by him or her. An evaluator shall be at least an Instructor I and selected by a Lead Evaluator.

(d) When the word “demonstrate” is used in this rule, performance of practical skills objectives shall require that actual performance and operation be accomplished unless otherwise indicated within the specific objective. Simulation, explanation, and illustration may be substituted when actual operation is not feasible.

(e) Wherever in this rule the terms “rules”, “regulations”, “procedures”, “supplies”, “apparatus”, or “equipment” are used, they shall mean those of the authority having jurisdiction.

(f) “Authority having jurisdiction” means the organization, office, or individual responsible for approving equipment, an installation, or a procedure. The term includes, without limitation, the board, the state fire marshal, a federal, state, regional, or local department or individual having legal authority. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-2; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3390; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1160; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-3 Basic Firefighter requirements

Authority: IC 22-14-2-7

Affected: IC 36-8-10.5-7

Sec. 3. (a) This section comprises the minimum requirements for certification as a Basic Firefighter.

(b) The candidate shall have successfully completed the requirements of 655 IAC 1-4-2 and the following:

(1) NFPA 472, Standard on Professional Competence of Responders to Hazardous Materials Incidents, Chapter 2-Competencies for the First Responder at the Awareness Level and Chapter 3-Competencies for the First Responder at the Operational Level, 1997 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(2) NFPA 1001, Standard for Firefighter Professional Qualifications, Section 2-3, 1997 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(3) Training in records needed in the following:

(A) In the fire service, including the following:

- (i) Hose tests.
- (ii) Ladder tests.
- (iii) Equipment maintenance.
- (iv) Such others as are used in the authority having jurisdiction.

(B) In Indiana, laws affecting the following:

- (i) Fire service inspections.
- (ii) Investigations.
- (iii) Fire suppression.
- (iv) Driving.
- (v) Such others as are in effect in the authority having jurisdiction.

(4) Training course mandated in IC 36-8-10.5-7(b).

(5) NFPA 1001, Standard for Firefighter Professional Qualifications, Sections 4-1.1.1 and 4-1.1.2, 1997 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(c) To the extent that Sections 3-1.1 and 4-1.1 of NFPA 1001 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 5. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-3; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3390; filed Sep 24, 1999, 10:02 a.m.: 23 IR 330; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-4 Firefighter I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 4. (a) The minimum training standards for Firefighter I certification shall be as set out in that certain document, being titled as NFPA 1001, Standard for Firefighter Professional Qualifications, Chapter 3-Firefighter I, 1997 Edition, published by the National Fire Protection Association (NFPA), Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 3 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 5.

(b) The candidate shall be certified as a Basic Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-4; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Sep 24, 1999, 10:02 a.m.: 23 IR 330; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-5 Firefighter II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 5. (a) The minimum training standards for Firefighter II certification shall be as set out in that certain document, being titled as NFPA 1001, Standard for Firefighter Professional Qualifications, Chapter 4-Firefighter II, 1997 Edition, published by the National Fire Protection Association (NFPA), Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 5.

(b) The candidate shall be certified as a Firefighter I or Second Class Firefighter. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-5; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Sep 24, 1999, 10:02 a.m.: 23 IR 330; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-6 Driver/Operator-Pumper

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6. (a) The minimum training standards for Driver/Operator-Pumper certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 2 and 3, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 3 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 9.

(b) The candidate shall have been certified as at least a Firefighter I or Second Class Firefighter for a period of at least one (1) year prior to the date of application.

(c) The candidate shall hold an appropriate valid driver's license. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-6.1 Driver/Operator-Aerial

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.1. (a) The minimum training standards for Driver/Operator-Aerial certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 2 and 4, 1998 Edition,

published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 4 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 9.

(b) The candidate shall have been certified as at least a Firefighter I or Second Class Firefighter for a period of at least one (1) year prior to the date of application.

(c) The candidate shall hold an appropriate valid driver's license. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-6.2 Driver/Operator-Wildland Fire Apparatus

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.2. (a) The minimum training standards for Driver/Operator-Wildland Fire Apparatus certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 2 and 6, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 6 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 9.

(b) The candidate shall have been certified as at least a Firefighter I or Second Class Firefighter for a period of at least one (1) year prior to the date of application.

(c) The candidate shall hold an appropriate valid driver's license. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.2; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-6.3 Driver/Operator-Aircraft Crash and Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.3. (a) The minimum training standards for Driver/Operator-Aircraft Crash and Rescue certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 2 and 7, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if

fully set out in this rule. To the extent that Chapters 2 and 7 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 9.

(b) The candidate shall have been certified as at least a Firefighter I or Second Class Firefighter for a period of at least one (1) year prior to the date of application.

(c) The candidate shall hold an appropriate valid driver's license. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.3; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1161; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-6.4 Driver/Operator-Mobile Water Supply

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 6.4. (a) The minimum training standards for Driver/Operator-Mobile Water Supply certification shall be as set out in that certain document, being titled as NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Chapters 2 and 8, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 8 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 9.

(b) The candidate shall have been certified as at least a Firefighter I or Second Class Firefighter for a period of at least one (1) year prior to the date of application.

(c) The candidate shall hold an appropriate valid driver's license. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-6.4; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-7 Airport Firefighter-Aircraft Crash and Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 7. (a) The minimum training standards for Airport Firefighter-Aircraft Crash and Rescue certification shall be as set out in that certain document, being titled as NFPA 1003, Standard for Professional Qualifications for Airport Fire Fighters, Chapters 3 and 4, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 3 and 4 of NFPA 1003 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 4.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-7; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3391; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-8 Fire Officer I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 8. (a) The minimum training standards for Fire Officer I certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 2, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 2 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 6.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-8; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-9 Fire Officer II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 9. (a) The minimum training standards for Fire Officer II certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 3, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 3 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 6.

(b) The candidate shall be certified as a Fire Officer I. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-9; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-10 Fire Officer III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 10. (a) The minimum training standards for Fire Officer III certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 4, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 6.

(b) The candidate shall be certified as a Fire Officer II. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-10; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-11 Fire Officer IV

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 11. (a) The minimum training standards for Fire Officer IV certification shall be as set out in that certain document, being titled as NFPA 1021, Standard for Fire Officer Professional Qualifications, Chapter 5, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 5 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 6.

(b) The candidate shall be certified as a Fire Officer III. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-11; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-12 Fire Inspector I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 12. (a) The minimum training standards for Fire Inspector I certification shall be as set out in that certain document, being titled as NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Chapter 3, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 3 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 8.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-12; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3392; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-13 Fire Inspector II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 13. (a) The minimum training standards for Fire Inspector II certification shall be as set out in that certain document, being titled as NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Chapter 4, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 8.

(b) The candidate shall be certified as a Fire Inspector I. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-13; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Sep 24, 1999, 10:02 a.m.: 23 IR 331; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-14 Fire Inspector III

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 14. (a) The minimum training standards for Fire Inspector III certification shall be as set out in that certain document, being titled as NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, Chapter 5, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 5 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 8.

(b) The candidate shall be certified as a Fire Inspector II. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-14; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-15 Fire Investigator I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 15. (a) The minimum training standards for Fire Investigator I certification shall be as set out in that

certain document, being titled as NFPA 1033, Standard for Professional Qualifications for Fire Investigator, Chapter 3, 1998 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 3 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 4.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-15; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-16 Public Fire and Life Safety Educator I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 16. The minimum training standards for Public Fire and Life Safety Educator I certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 2, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-16; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-17 Public Fire and Life Safety Educator II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 17. (a) The minimum training standards for Public Fire and Life Safety Educator II certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 3, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall be certified as a Public Fire and Life Safety Educator I. (Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-17; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-18 Public Fire and Life Safety Educator III**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 18. (a) The minimum training standards for Public Fire and Life Safety Educator III certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 4, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall be certified as a Public Fire and Life Safety Educator II. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-18; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3393; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1162; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-19 Instructor I**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 19. (a) The minimum training standards for Instructor I certification shall be as set out in that certain document, being titled as NFPA 1041, Standard for Fire Service Instructor Professional Qualifications, Chapter 2, 1996 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application.

(c) To maintain certification, the candidate shall accrue a minimum of thirty (30) hours of teaching or attendance at classes in training in adult education, for example:

- (1) learning objectives;
- (2) test construction; or
- (3) classroom teaching;

that shall be reported every three (3) years. Such report shall be received by the board not later than thirty (30) days after the expiration of the three (3) year period that commenced on the date of initial certification, or the applicable three (3) year anniversary of such date. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-19; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3394; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-19.1 Instructor-Swift Water Rescue**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 19.1. (a) The minimum training standards for Instructor-Swift Water Rescue certification shall be as set out in this section.

(b) The candidate shall be certified as follows:

(1) An Instructor I or a currently certified Indiana Law Enforcement Academy instructor.

(2) A Swift Water Rescue Technician.

(3) By the Indiana emergency medical services commission as at least a First Responder and such certification shall be current and valid.

(4) A currently certified Red Cross Life Guard.

(c) The candidate shall have served as an assistant instructor for at least one (1) training course for Swift Water Rescue Technician.

(d) The candidate shall have completed passing evaluations on a minimum of two (2) training modules in such training course. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-19.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-20 Instructor II/III**Authority:** IC 22-14-2-7**Affected:** IC 22-14-2-7

Sec. 20. (a) The minimum training standards for Instructor II/III certification shall be as set out in that certain document, being titled as NFPA 1041, Standard for Fire Service Instructor Professional Qualifications, Chapters 3 and 4, 1996 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule.

(b) The candidate shall:

(1) either be certified as:

(A) an Instructor I; or

(B) a First Class Instructor and have successfully completed a board-approved six (6) hour up-date class of instruction; and

(2) have taught, documented, and reported to the board thirty (30) hours of instruction.

(c) To maintain certification, the candidate shall accrue a minimum of thirty (30) hours of teaching or attendance at classes in training in adult education, for example:

- (1) learning objectives;
- (2) test construction; or
- (3) classroom teaching;

that shall be reported every three (3) years. Such report shall be received by the board not later than thirty (30) days after the expiration of the three (3) year period that commenced on the date of initial certification, or the applicable three (3) year anniversary of such date. (*Board of Firefighting Personnel Standards and Education; 655*

IAC 1-2.1-20; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3394; filed Sep 24, 1999, 10:02 a.m.: 23 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-21 Instructor IV (Repealed)

Sec. 21. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335)*

655 IAC 1-2.1-22 Safety Officer

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 22. (a) The minimum training standards for Safety Officer certification shall be as set out in that certain document, being titled as NFPA 1521, Standard for Safety Officer Professional Qualifications, Chapters 2 and 3, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 3 require compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 5.

(b) The candidate shall be certified as a Fire Officer I. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-22; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3394; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; errata filed Jan 8, 2002, 1:55 p.m.: 25 IR 1645; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-23 Firefighter-Wildland Fire Suppression I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 23. (a) The minimum training standards for Firefighter-Wildland Fire Suppression I certification shall be as set out in that certain document, being titled as NFPA 1051, Standard for Wildland Firefighter Professional Qualifications, Chapter 3, 1995 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 3 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 7.

(b) The candidate shall be certified as a Basic Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-23; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; errata filed Oct 3, 1996, 3:00 p.m.: 20 IR 332; filed Sep 24, 1999, 10:02 a.m.: 23 IR 333; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-23.1 Firefighter-Wildland Fire Suppression II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 23.1. (a) The minimum training standards for Firefighter-Wildland Fire Suppression II certification shall be as set out in that certain document, being titled as NFPA 1051, Standard for Wildland Firefighter Professional Qualifications, Chapter 4, 1995 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 7.

(b) The candidate shall be certified as a Fire Officer I or Instructor II/III. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-23.1; filed Sep 24, 1999, 10:02 a.m.: 23 IR 333; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-24 Hazardous Materials First Responder-Awareness

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24. (a) The minimum training standards for Hazardous Materials First Responder-Awareness certification shall be as set out in that certain document, being titled as NFPA 472, Standard on Professional Competence of Responders to Hazardous Materials Incidents Chapter 2, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 2 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 12.

(b) The candidate shall have successfully completed the requirements of 655 IAC 1-4-2. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; filed Sep 24, 1999, 10:02 a.m.: 23 IR 333; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-24.1 Hazardous Materials First Responder-Operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24.1. (a) The minimum training standards for Hazardous Materials First Responder-Operations certification shall be as set out in that certain document, being titled as NFPA 472, Standard on Professional Compe-

tence of Responders to Hazardous Materials Incidents, Chapter 3, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 3 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 12.

(b) The candidate shall have successfully completed the requirements of 655 IAC 1-4-2. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24.1; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-24.2 Hazardous Materials-Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 24.2. (a) The minimum training standards for Hazardous Materials-Technician certification shall be as set out in that certain document, being titled as NFPA 472, Standard on Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, 1997 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapter 4 requires compliance with another NFPA standard, such standard shall be that which is referred to in Chapter 12.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-24.2; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-25 Emergency Vehicle Technician I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 25. (a) The minimum training standards for Emergency Vehicle Technician I certification shall be as set out in this section and sections 26 through 35 of this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-25; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-26 Definition of terms and phrases

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 26. The candidate shall define the terms and phrases commonly used with emergency vehicles, apparatus, and testing of apparatus and equipment, including the following:

- (1) Acceptance test.
- (2) Amp meter.
- (3) Back-up alarm.
- (4) Certification test.
- (5) Chassis.
- (6) Gross axle weight rating (GAWR).
- (7) Gross combination weight rating (GCWR).
- (8) Gross vehicle weight rating (GVWR).
- (9) Listed.
- (10) Warning devices.
- (11) Specifications.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-26; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-27 Apparatus and vehicles; types

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 27. The candidate shall identify and describe various types of emergency vehicles, including the following:

- (1) Ambulances, Types I, II, and III.
- (2) Rescue vehicles.
- (3) The four (4) types of fire department pumpers as follows:
 - (A) Pumper with foam capability.
 - (B) Pumper with elevating water device.
 - (C) Minipumper.
 - (D) Midipumper.
- (4) Initial attack pumper.
- (5) Mobile water supply apparatus.
- (6) Brush or booster apparatus.
- (7) Aerial ladder truck.
- (8) Elevating platform apparatus.
- (9) Ladder truck.
- (10) Quadruple ladder apparatus.
- (11) Quintuple ladder apparatus.
- (12) Aircraft fire apparatus.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-27; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3395; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-28 Apparatus and vehicles standards and specifications

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 28. With respect to apparatus and vehicles standards and specifications, the candidate shall identify and describe the following:

- (1) KKK-A-1822C (1-1-90) Federal Ambulance Specification.
 - (2) NFPA 1901–Pumper Fire Apparatus.
 - (3) NFPA 1500–Fire Department Occupational Safety and Health Program.
 - (4) Occupational Safety and Health Administration personal protection and signage requirements.
 - (5) Occupational Safety and Health Administration requirements contained in 49 CFR 1910.120.
- (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-28; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-29 Role of the technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 29. The candidate shall describe the emergency vehicle technician's role and responsibilities in providing vehicle, apparatus, and equipment care, service, and maintenance. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-29; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-30 Legal aspects

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 30. With respect to the service and maintenance of vehicles, apparatus, and equipment, the candidate shall explain how federal and state laws affect maintenance requirements and procedures. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-30; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-31 Service and maintenance

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 31. The candidate shall identify and demonstrate the elements of servicing and maintenance, including daily, weekly, monthly, and period inspection, and common maintenance problems as set out in that certain document, being titled as Fire Department Pumping

Apparatus, Chapters 3, 7, 8, and glossary, 7th Edition, 1989, published by International Fire Service Training Association, Oklahoma State University, Stillwater, Oklahoma, as the same is hereby adopted by reference and made a part of this rule as if fully set out in this rule. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-31; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-32 Record keeping

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 32. The candidate shall demonstrate record keeping procedures for the maintenance performed on emergency vehicles, apparatus, and equipment. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-32; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-33 Vehicle components

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 33. With respect to vehicle components, the candidate shall do the following:

- (1) Explain the types, functions, and hazards of each type of vehicle fluid, including the following:
 - (A) Fuel, for example:
 - (i) unleaded gasoline;
 - (ii) diesel; or
 - (iii) natural gas.
 - (B) Motor oil.
 - (C) Transmission fluid.
 - (D) Power steering fluid.
 - (E) Brake fluid.
 - (F) Engine coolant.
 - (G) Lubrication substances.
- (2) Identify and describe the three (3) basic types of tire construction.
- (3) Identify and describe tire design and performance elements.
- (4) Describe the basic types, component parts, and fundamentals of brakes.
- (5) Describe the following:
 - (A) Brake balance.
 - (B) Brake torque.
 - (C) Brake fade.
- (6) Identify and describe the procedures for battery care and testing.
- (7) Describe and explain the principles, components, and operating procedures of lubrication, coolant, and fueling.

(8) Describe the general operating principles of the automotive electrical systems.

(9) Describe the removal and replacement of windshield wiper blades.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-33; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-34 Automotive hazardous waste

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 34. The candidate shall identify and describe the proper safe handling and disposal techniques for automotive hazardous waste. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-34; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3396; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-35 General equipment maintenance

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 35. The candidate shall explain and demonstrate the procedures for the general inspection, maintenance, and care of the following:

- (1) Ambulance cot.
- (2) Flat head axe.
- (3) Pick head axe.
- (4) Ladders.
- (5) Portable extinguishers.
- (6) The following components of self-contained breathing apparatus:
 - (A) Facepiece.
 - (B) Harness.
 - (C) Regulator.
 - (D) Cylinder.
- (7) Cord reels.
- (8) Portable lights.
- (9) Generators.
- (10) Couplings and hose.
- (11) Nozzles.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-35; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-36 Emergency vehicle technician II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 36. (a) The minimum training standards for Emergency Vehicle Technician II certification shall be as

set out in this section and sections 37 through 60 of this rule.

(b) The candidate shall have been certified as an Emergency Vehicle Technician I. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-36; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-37 Budget procedures

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 37. The candidate shall describe the budget procedures for automotive maintenance operations. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-37; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-38 Apparatus and vehicles standards and specifications

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 38. With respect to apparatus and vehicles standards and specifications, the candidate shall identify and describe the following:

- (1) KKK-A-1822C (1-1-90) Federal Ambulance Specification.
 - (2) NFPA 1901, Pumper Fire Apparatus, 1991 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
 - (3) NFPA 1500, Fire Department Occupational Safety and Health Program, 1992 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
 - (4) NFPA 1902, Initial Attack Fire Apparatus, 1991 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
 - (5) NFPA 1904, Aerial Ladders and Elevated Platforms, 1991 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269.
- (Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-38; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-39 Role of the technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 39. The candidate shall describe the emergency vehicle technician's role and responsibilities in providing vehicle, apparatus, and equipment care, service, and

maintenance. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-39; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-40 Selection and review policy

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 40. The candidate shall explain how to establish a selection and review policy for vendor and repair selection. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-40; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-41 Brake components

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 41. With respect to brake components, the candidate shall explain the types, components, functions, and repairs of the following brake systems:

- (1) Hydraulic systems, including the following components and procedures:
 - (A) Single-dual.
 - (B) Tubes, hoses, and lines.
 - (C) Wheel cylinders and calipers.
 - (D) Disc brake calipers.
 - (E) Brake safety switches.
 - (F) Fluid.
 - (G) Bleeding procedures.
 - (H) Flushing.
 - (I) Brake pedal.
 - (J) Master cylinder.
- (2) Drum brakes, including the following components and procedures:
 - (A) Drum shoes, including lining and removal.
 - (B) Wheel cylinder inspection and servicing.
 - (C) Fixed, floating, and slider calipers.
 - (D) Rotor.
 - (E) Wheel bearing repacking and assembly.
- (3) Air brake systems, including the following components and procedures:
 - (A) Air compressor.
 - (B) Governor.
 - (C) Reservoir.
 - (D) Reservoir draining device.
 - (E) Air dryer.
 - (F) Brake application valves.
 - (G) Brake chambers.
 - (H) Brake liner actuation.
 - (I) Slack adjusters.

(J) Pressure.

(K) Maintenance intervals.

(4) Automatic transmission retarders.

(5) Jake brakes.

(6) Parking brakes.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-41; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3397; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-42 Steering operations

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 42. The candidate shall identify and describe the types, components, and repairs of steering operations, including the following:

- (1) Cross steering levers, sockets, and tube assembly.
- (2) Drag link.
- (3) Pivot center.
- (4) Steering gear lever and gear shaft.
- (5) Knuckle and knuckle spindle.
- (6) Steering lever.
- (7) Alignment factors, including the following:
 - (A) Camber.
 - (B) Caster, caster positive, caster negative, zero.
 - (C) Included angle.
 - (D) Knuckle pin inclination.
 - (E) Steering error and steering geometry.
 - (F) Toe-in.
 - (G) Turning angle and turning radius.
 - (H) Wheel balance.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-42; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; errata filed Oct 3, 1996, 3:00 p.m.: 20 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-43 Power train

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 43. The candidate shall identify and describe the functions, components, and repairs of the power train, including the following:

- (1) Clutches, their components and parts, including the following:
 - (A) Automatic clutch adjustment.
 - (B) Coaxial spring damper.
 - (C) Clutch failure.
 - (D) Clutch brake.
- (2) Manual transmissions, including synchronizing devices.
- (3) Automatic transmissions, including the following:

- (A) Torque converter.
- (B) Constant-mesh planetary gearing system.
- (C) Automatic hydraulic control.
- (D) Lockup clutch.
- (E) Hydraulic system.
- (F) Torque paths through the system.
- (G) Automatic upshifts.
- (H) Automatic downshifts.
- (4) Allison transmission electronic control.
- (5) Driveline, including the following:
 - (A) Slip joints.
 - (B) Universal joints.
 - (C) Propeller shaft.
 - (D) Differential.
- (6) Rear axles, including the following:
 - (A) Two (2) speed axle.
 - (B) Tandem drive axles.
 - (C) Lockout mechanism.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-43; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-44 Chassis

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 44. With respect to chassis, the candidate shall identify and describe the following:

- (1) Standard commercial chassis.
- (2) Designed custom built chassis.
- (3) Package chassis.
- (4) Frame.
- (5) Gross vehicle weight.
- (6) Gross axle weight rating.
- (7) Gross combination weight rating.
- (8) Gross vehicle weight rating.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-44; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-45 Gasoline and diesel engine

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 45. With respect to chassis, the candidate shall identify and describe the following:

- (1) Gasoline engines, including operating principles and proper combustion.
- (2) Diesel engines, including operating principles and fuel injection.
- (3) Engine construction, including the following:

- (A) Cylinders.
- (B) Pistons and piston rings.
- (C) Combustion chamber.
- (D) Valves.
- (E) Cams and camshafts.
- (F) Crankshafts.
- (G) Flywheel.
- (H) Connecting rods.
- (I) Wrist pins.
- (J) Cylinder pins.
- (K) Manifold.
- (L) Oil pan.
- (4) Engine performance standards, including the following:
 - (A) Engine displacement.
 - (B) Horsepower.
 - (C) Rated or SAE horsepower.
 - (D) Brake horsepower.
 - (E) Indicated horsepower.
 - (F) Friction horsepower.
 - (G) Torque.
 - (H) Volumetric efficiency.
 - (I) Engine efficiency.
 - (J) Overall efficiency.
- (5) Fuel system components, including the following:
 - (A) Fuel tank.
 - (B) Fuel pumps.
 - (C) Fuel filters.
 - (D) Fuel gauges.
 - (E) Carburetors, including the following:
 - (i) Float system.
 - (ii) Main metering.
 - (iii) Idle.
 - (iv) Accelerating pump.
 - (v) Power enrichment.
 - (F) Gasoline fuel injector systems.
 - (G) Diesel fuel injector systems.
- (6) Ignition system components, including the following:
 - (A) Battery.
 - (B) Ignition switch.
 - (C) Ignition coil.
 - (D) Distributor.
 - (E) Condenser.
 - (F) Ignition cables.
 - (G) Spark plugs, including the following:
 - (i) Construction.
 - (ii) Engine performance.
 - (iii) Heat range.
 - (iv) Misfire.
 - (H) Diesel engine glow plugs.
 - (I) Exhaust oxygen sensor.
 - (J) Electronic ignition system, including the following:

- (i) Basis.
- (ii) Electronic control module.
- (iii) Ballast resistor.
- (iv) Ignition cables.
- (v) Spark plugs.

(7) Lubrication systems, including the properties of engine oil.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-45; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3398; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-46 Cooling system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 46. With respect to the cooling system, the candidate shall identify and describe the following:

- (1) Engine coolant.
- (2) Water pump.
- (3) Water manifold.
- (4) Thermostat.
- (5) Radiator.
- (6) Engine cooling fan.
- (7) Thermo-modulated fan.
- (8) Coolant filter and conditioner.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-46; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3399; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-47 Electrical system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 47. With respect to the electrical system, the candidate shall identify and describe the operation and repair of the following:

- (1) Starting motor.
- (2) Alternators.
- (3) Generators.
- (4) Regulators, including the following:
 - (A) Cutout relay.
 - (B) Current regulator.
 - (C) Voltage regulator.
- (5) Storage battery, including the following:
 - (A) Servicing the battery.
 - (B) Battery safety precautions.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-47; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3399; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-48 Fire pump

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 48. With respect to the fire pumps, the candidate shall identify and describe the theory and operation of the following:

(1) Positive displacement pumps, including the following:

- (A) Piston type.
- (B) Rotary type.
- (C) Centrifugal type.
- (D) Pump slippage.
- (E) Single stage.
- (F) Multiple-stage.
- (G) Series-parallel.
- (H) Cavitation.
- (I) Booster pumps.
- (J) High pressure pumps.
- (K) Priming pumps.
- (L) Pump maintenance.
- (M) Pump troubleshooting.

(2) Pump operator's panel.

(3) Priming devices, including the following:

- (A) Priming valve.
- (B) Priming tank.
- (C) Priming operations.
- (4) Pressure control devices.
- (5) Relief valve.
- (6) Suction safety relief.
- (7) Pressure governors.
- (8) Auxiliary cooling system.
- (9) Radiator fill system.
- (10) Pump intake and discharge gages.
- (11) Flow meters.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-48; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3399; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-49 Apparatus water tanks

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 49. The candidate shall explain the operation, cleaning, inspection, and repair procedures for apparatus water tanks. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-49; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-50 General apparatus testing

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 50. With respect to general apparatus testing, the candidate shall identify and describe the following:

- (1) Preservice tests.
- (2) Manufacturers' tests.
- (3) Certification tests, including the following:
 - (A) Vacuum test.
 - (B) Three (3) hour pump test.
 - (C) Automatic pressure control test.
 - (D) Tank to pump flow rate test.
- (4) Acceptance test.
- (5) Pumper service test.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-50; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-51 Basic pumper service test

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 51. With respect to basic pumper service testing, the candidate shall demonstrate the following:

- (1) Dry vacuum test.
- (2) Priming test.
- (3) Capacity test.
- (4) Ignition test.
- (5) Pressure governor or relief valve test.
- (6) Overload test.
- (7) Tank-to-pump flow test.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-51; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-52 Repair, repower, recondition, and replacement factors

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 52. The candidate shall explain the factors to be considered for apparatus repair, repower, recondition, or replacement. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-52; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-53 Apparatus purchase specification

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 53. The candidate shall identify and describe the procedures for preparing and participating in developing apparatus purchase specifications, including the following:

- (1) Determination of performance requirements.
- (2) Preparation of bid specifications.
- (3) Advertising for bidders.
- (4) Hold prebid conferences.
- (5) Revising specifications.
- (6) Soliciting formal bids.
- (7) Evaluating bids.
- (8) Awarding contracts.
- (9) Monitoring manufacturing, including the following:
 - (A) Preconstruction visits.
 - (B) Prepaint inspection.
- (10) Conducting acceptance tests.
- (11) Evaluating bid procedures.
- (12) Collecting data on equipment operation and maintenance.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-53; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-54 Nozzle inspection; service and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 54. With respect to nozzle inspection, service, and repair, the candidate shall describe such procedures, including those for the following:

- (1) Adjustment ring.
- (2) Handle.
- (3) Protection screen.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-54; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3400; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-55 Hose inspection; service and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 55. With respect to hose inspection, service, and repair, the candidate shall describe such procedures, including those for service couplings, and testing and marking hose. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-55; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-56 Wyes and gated wyes; inspection, service, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 56. With respect to the inspection, service, and repair of wyes and gated wyes, the candidate shall describe such procedures. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-56; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-57 Ground ladders; inspection, service, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 57. With respect to the inspection, service, and repair of ground ladders, the candidate shall describe such procedures. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-57; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-58 Vehicle mounted or portable generator; inspection, service, testing, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 58. With respect to the inspection, service, testing, and repair of vehicle mounted or portable generators, the candidate shall describe such procedures. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-58; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-59 Ventilation fans; inspection, service, testing, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 59. With respect to the inspection, service, testing, and repair of ventilation fans, the candidate shall describe such procedures. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-59; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-60 Fire service saws; inspection, service, testing, and repair

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 60. With respect to the inspection, service, testing, and repair of fire service saws, the candidate shall describe such procedures, including those for the following:

- (1) Rotating saw.

- (2) Chain saw.

- (3) Reciprocating saw.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-60; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-61 Fire Service Engineering Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 61. (a) The minimum training standards for Fire Service Engineering Technician certification shall be as set out in this section and sections 62 through 64 of this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-61; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-62 Sprinkler system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 62. With respect to sprinkler systems, the candidate shall identify and describe the following:

- (1) Types of sprinkler systems.
- (2) Sprinkler system components.
- (3) Inspection and maintenance procedures for sprinkler systems.
- (4) Practical applications of sprinkler systems.
- (5) Fire attack at sprinklered structures.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-62; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-63 Fire alarm and protection system

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 63. With respect to fire alarm and protection systems, the candidate shall identify and describe the following:

- (1) Carbon dioxide systems.
- (2) Fire detection and alarm systems.
- (3) Standpipe systems.
- (4) Dry and wet chemical systems.
- (5) Halon and other clear agent systems.
- (6) Types of fixed systems.
- (7) Fire attack with foam agents.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-63; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3401; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-64 Calculations, rating, and testing

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 64. With respect to calculations, rating, and testing, the candidate shall do the following:

- (1) Demonstrate a sprinkler system test.
- (2) Explain fire extinguisher ratings.
- (3) Explain water supply and water supply testing.
- (4) Perform hydraulic calculations.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-64; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-65 Motor Sports Emergency Responder

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 65. (a) The minimum training standards for Motor Sports Emergency Responder certification shall be as set out in this section and sections 66 through 74 of this rule.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year.
(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-65; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; errata filed Oct 3, 1996, 3:00 p.m.: 20 IR 332; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-66 Competitions, arenas, and vehicles

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 66. With respect to competitions, arenas, and vehicles, the candidate shall identify and describe the following:

- (1) Types of motor sports competitions.
- (2) Types of motor sports arenas, including the general requirements for each.
- (3) Types of motor sports vehicles used in competition.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-66; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-67 Emergency protection

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 67. The candidate shall identify and describe the minimum equipment requirements to provide adequate emergency protection at a motor sport event, including the following:

- (1) Fire extinguishment equipment, mechanisms, agents, and proper uses.
- (2) Extrication equipment.
- (3) First responder medical equipment.
- (4) Materials used for safe cleanup of track.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-67; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-68 Physical condition assessment

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 68. With respect to physical condition assessment, the candidate shall be able to:

- (1) quickly assess the driver's physical condition;
- (2) determine if the driver is in any immediate danger;
- (3) assess the driver's level of consciousness and airway patency; and
- (4) support the driver until he or she receives definitive medical care.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-68; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-69 Personal safety

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 69. The candidate shall identify and describe the requirements for personal safety while performing the following:

- (1) Firefighting.
- (2) Motor sports response.
- (3) Extrication.
- (4) Medical evaluation.
- (5) Track cleanup.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-69; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-70 Extrication

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 70. With respect to extrication, the candidate shall explain and perform the extrication and removal of the

driver from a variety of common motor sports vehicles. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-70; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-71 Common fires and fuel sources

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 71. With respect to common motor sports fires and fuel sources, the candidate shall identify and describe the following:

- (1) Common types of motor sports fires.
- (2) Petroleum mixtures or compounds.
- (3) Engine lubricants.
- (4) Manmade compounds.
- (5) Electrical and mechanical ignition sources.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-71; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3402; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-72 Safety warning devices and radio communication

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 72. The candidate shall:

- (1) identify and describe visual and audible safety warning devices; and
- (2) explain the proper use of radio communication.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-72; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-73 Incident command, priorities, and stabilization

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 73. With respect to incident command, priorities, and stabilization, the candidate shall do the following:

- (1) Explain the incident command structure and responsibilities.
- (2) Explain the role of the motor sports responder in the safe operation of any motor sports event.
- (3) Explain safe response to an incident, including the following:
 - (A) Evaluate the scene for fire and medical issues.
 - (B) Survey of spectator areas for injuries.
 - (C) Cleanup of debris.

(*Board of Firefighting Personnel Standards and Educa-*

tion; 655 IAC 1-2.1-73; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-74 Placement of emergency apparatus; personnel safety

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 74. The candidate shall explain the safe placement of emergency apparatus in a variety of scenarios and necessary safety precautions applicable to working personnel, participants, and spectators. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-74; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-75 Rescue Technician-Rope Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75. (a) The minimum training standards for Rescue Technician-Rope Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 4, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 4 require compliance with another NFPA standard, such standard shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-75; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3403; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-75.1 Rescue Technician-Surface Water Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.1. (a) The minimum training standards for Rescue Technician-Surface Water Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 5, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 5 require compliance with another NFPA standard, such standard

shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-75.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1163; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-75.2 Rescue Technician-Vehicle and Machinery Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.2. (a) The minimum training standards for Rescue Technician-Vehicle and Machinery Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 6, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 6 require compliance with another NFPA standard, such standard shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-75.2; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-75.3 Rescue Technician-Confined Space Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.3. (a) The minimum training standards for Rescue Technician-Confined Space Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 7, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 7 require compliance with another NFPA standard, such standard shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-75.3; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-75.4 Rescue Technician-Structural Collapse Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.4. (a) The minimum training standards for Rescue Technician-Structural Collapse Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 8, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 8 require compliance with another NFPA standard, such standard shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-75.4; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-75.5 Rescue Technician-Trench Rescue

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 75.5. (a) The minimum training standards for Rescue Technician-Trench Rescue certification shall be as set out in that certain document, being titled as NFPA 1006, Standard for Standard for Rescue Technician Professional Qualifications, Chapters 2 and 9, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 and 9 require compliance with another NFPA standard, such standard shall be that which is referred to in Appendix E.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for one (1) year. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-2.1-75.5; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-76 Incident management system (Repealed)

Sec. 76. (*Repealed by Board of Firefighting Personnel Standards and Education*; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)

655 IAC 1-2.1-76.1 Swift Water Rescue Technician

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 76.1. The minimum training standards for Swift Water Rescue Technician certification shall be as set out in this section and sections 76.2 and 76.3 of this rule. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-76.1; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1164; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-76.2 Description requirements

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 76.2. The candidate shall describe the following:

- (1) The three (3) reasons why rescues fail.
- (2) The three (3) elements of river reading tactics.
- (3) The five (5) hazards of swift water rescue.
- (4) The following items of swift water rescue equipment:
 - (A) Rope.
 - (B) Webbing.
 - (C) All hardware associated with swift water rescue.
 - (D) Rescue harness.
 - (E) Victim harness.
 - (F) Knots.
- (5) Accident scene.
- (6) Preplanning.
- (7) Mitigation.
- (8) The four (4) types of communications.
- (9) Incident management.
- (10) Site organization.
- (11) The following medical considerations:
 - (A) Drowning.
 - (B) Hypothermia.
 - (C) Hazard environments.
 - (D) In-water spine management.
 - (E) Low-risk evacuation considerations.
 - (F) High-risk evacuation considerations.
 - (G) Patient packaging.
- (12) The four (4) swift water search and recovery procedures.
- (13) Movable Control Point (M.C.P.).

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-76.2; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-76.3 Demonstration requirements

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 76.3. The candidate shall demonstrate the following:

- (1) The following rescue techniques:
 - (A) Self rescue.
 - (B) Shore based rescue using throw bags and fire hose.
 - (C) Boat assisted rescue using tag lines.
 - (D) Boat assisted rescue using two (2) boats, static lines, and M.C.P.
 - (E) Rescue by wading, swimming, and boogie boards.
- (2) The use of the following:
 - (A) Ropes.
 - (B) Knots.
 - (C) Associated equipment and hardware.
- (3) Rigging for swift water rescue.
- (4) Safe boat handling operations and procedures.

(*Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-76.3; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262*)

655 IAC 1-2.1-77 Safety requirements (*Repealed*)

Sec. 77. (*Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166*)

655 IAC 1-2.1-78 Physics requirements (*Repealed*)

Sec. 78. (*Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166*)

655 IAC 1-2.1-79 Search requirements (*Repealed*)

Sec. 79. (*Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166*)

655 IAC 1-2.1-80 Extrication (*Repealed*)

Sec. 80. (*Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166*)

655 IAC 1-2.1-81 Trench requirements (*Repealed*)

Sec. 81. (*Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166*)

655 IAC 1-2.1-82 Confined space rescue (Repealed)

Sec. 82. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-83 Structural collapse rescue (Repealed)

Sec. 83. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-84 Heavy machinery rescue (Repealed)

Sec. 84. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-85 Line rescue (Repealed)

Sec. 85. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-86 Water rescue (Repealed)

Sec. 86. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-87 Incident manager (Repealed)

Sec. 87. *(Repealed by Board of Firefighting Personnel Standards and Education; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1166)*

655 IAC 1-2.1-88 Land-based firefighter–marine vessel fires

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 88. (a) The minimum training standards for Land-Based Firefighter–Marine Vessel Fires certification shall be as set out in that certain document, being titled as NFPA 1405, Guide for Land-Based Firefighters Who Respond to Marine Vessel Fires, Chapters 2 through 15, 1990 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, is hereby adopted by reference and made a part of this rule as if fully set out in this rule. To the extent that Chapters 2 through 15 require compliance with another NFPA standard, such standard

shall be that which is referred to in Chapter 16.

(b) The candidate shall have been certified as at least a Firefighter II or First Class Firefighter for a period of at least one (1) year prior to the date of application. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-88; filed Jul 18, 1996, 3:00 p.m.: 19 IR 3412; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-89 Fire Medic I

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 89. (a) This section comprises the minimum requirements for certification as a Fire Medic I.

(b) The candidate shall hold a current certification as an emergency medical first responder issued by the Indiana emergency medical services commission pursuant to 836 IAC 1-10 [836 IAC 1-10 was repealed filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759.].

(c) The candidate shall be certified as a Basic Firefighter, Firefighter I, Firefighter II, Second Class Firefighter, or First Class Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-89; filed Sep 24, 1999, 10:02 a.m.: 23 IR 334; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-90 Fire Medic II

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 90. (a) This section comprises the minimum requirements for certification as a Fire Medic II.

(b) The candidate shall hold a current certification as a basic emergency medical technician issued by the Indiana emergency medical services commission pursuant to 836 IAC 1-5.

(c) The candidate shall be certified as a Basic Firefighter, Firefighter I, Firefighter II, Second Class Firefighter, or First Class Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-90; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-91 Fire Medic III

Authority: IC 22-14-2-7
Affected: IC 22-14-2-7

Sec. 91. (a) This section comprises the minimum requirements for certification as a Fire Medic III.

(b) The candidate shall hold a current certification as an advanced emergency medical technician issued by the Indiana emergency medical services commission pursuant to 836 IAC 1-9.1.

(c) The candidate shall be certified as a Firefighter I, Firefighter II, Second Class Firefighter, or First Class Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-91; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-92 Fire Medic IV

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 92. (a) This section comprises the minimum requirements for certification as a Fire Medic IV.

(b) The candidate shall hold a current certification as a paramedic issued by the Indiana emergency medical services commission pursuant to 836 IAC 2-6.

(c) The candidate shall be certified as a Firefighter II or First Class Firefighter. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-92; filed Sep 24, 1999, 10:02 a.m.: 23 IR 335; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-93 Public Information Officer

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 93. The minimum training standards for Public Information Officer certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapter 5, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-93; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

655 IAC 1-2.1-94 Juvenile Firesetter Intervention Specialist I

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 94. The minimum training standards for Juvenile Firesetter Intervention Specialist I certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapters 2 and 6, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-94; filed Nov 16, 2001, 4:37*

p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)

655 IAC 1-2.1-95 Juvenile Firesetter Intervention Specialist II

Authority: IC 22-14-2-7

Affected: IC 22-14-2-7

Sec. 95. The minimum training standards for Juvenile Firesetter Intervention Specialist II certification shall be as set out in that certain document, being titled as NFPA 1035, Standard for Professional Qualifications for Public Fire and Life Safety Educator, Chapters 2, 6, and 7, 2000 Edition, published by NFPA, Batterymarch Park, Quincy, Massachusetts 02269, which is hereby adopted by reference and made a part of this rule as if fully set out in this rule. *(Board of Firefighting Personnel Standards and Education; 655 IAC 1-2.1-95; filed Nov 16, 2001, 4:37 p.m.: 25 IR 1165; readopted filed Dec 2, 2002, 12:59 p.m.: 26 IR 1262)*

Rule 3. Twenty-Four Hour Mandatory Training Program

655 IAC 1-3-1	Title, purpose, availability
655 IAC 1-3-2	Administrative adjudication
655 IAC 1-3-3	Open meetings
655 IAC 1-3-4	Fire chief responsibility
655 IAC 1-3-5	Mandatory training program
655 IAC 1-3-6	Entry into the program
655 IAC 1-3-7	Certification by the board
655 IAC 1-3-8	Revocation of application
655 IAC 1-3-9	Right of appeal
655 IAC 1-3-10	Discriminatory practice
655 IAC 1-3-11	Effective date

655 IAC 1-3-1 Title, purpose, availability

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 1. (a) Title. This rule (655 IAC 1-3) shall be known as the administrative rule for the Board of Firefighting Personnel Standards and Education, and shall be published by the Board of Firefighting Personnel Standards and Education for general use and distribution under that title. Whenever the term “this rule” is used throughout this rule (655 IAC 1-3) it shall mean the administrative rule for the Board of Firefighting Personnel Standards and Education, hereafter called the board.

(b) Purpose. The purpose of this rule is to provide for administration by the board of firefighting personnel standards and education of a mandatory training program for fire service personnel as required by IC 36-8-10.5.

(c) Availability. This rule (655 IAC 1-3) is available for purchase from the Board of Firefighting Personnel

Standards and Education, 1099 North Meridian Street, Suite 900, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-1; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-2 Administrative adjudication

Authority: IC 36-8-10.5-7

Affected: IC 4-21.5; IC 36-8-10.5

Sec. 2. The administrative adjudication and court review procedures of the board shall be governed by the Administrative Adjudication IC 4-21.5. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-2; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-3 Open meetings

Authority: IC 36-8-10.5-7

Affected: IC 5-14-1.5; IC 36-8-10.5

Sec. 3. The board shall hold all meetings in accordance with IC 5-14-1.5 Public Meetings. Minutes, if any, are to be open for public inspection and copying (IC 5-14-1.5-4). (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-3; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-4 Fire chief responsibility

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 4. The fire chief of each individual fire department (both full-time and volunteer) shall have the responsibility for the administration of this rule in the hiring, rehiring, appointing, or electing of firefighters. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-4; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-5 Mandatory training program

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 5. The mandatory training program will include fire fighting personnel in fire departments in the following areas:

- (1) full-time (paid/career) fire fighters employed by a political subdivisions [*sic.*];
- (2) volunteer fire fighters in volunteer fire companies.

(*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-5; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-6 Entry into the program

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 6. (a) Any Indiana full-time fire fighter newly hired or rehired, shall successfully complete mandatory training prior to performing the duties of a full-time firefighter for a political subdivision.

(b) Any volunteer fire fighter shall successfully complete mandatory training before being elected or appointed to membership in a volunteer fire company.

(c) Applications shall be provided to the fire service, upon request, by the board. Applications shall be completed in full. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-6; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-7 Certification by the board

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 7. The board shall certify applications from fire service personal [*sic.*] as having successfully completed the 24-hour mandatory training specified in IC 36-8-10.5 which are attested to by the signature of the fire chief of the fire department and by an instructor certified by the board of fire fighting personnel standards and education. The board shall attempt to consider applications at its first meeting after their receipt in the board's office. (*Board of Firefighting Personnel Standards and Education*; 655 IAC 1-3-7; filed Mar 7, 1988, 12:55 pm: 11 IR 2628; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-8 Revocation of application

Authority: IC 36-8-10.5-7

Affected: IC 4-21.5-3-6; IC 22-12-7-4; IC 36-8-10.5

Sec. 8. (a) Upon receipt of evidence that information provided to the board was falsified, upon which certification was granted, the board shall impose an appropriate sanction following the provisions of IC 4-21.5-3-6 and IC 22-12-7-4.

(b) If a certification is revoked or suspended, a fire fighter may not perform the duties of a full-time fire fighter for a political subdivision and the election or appointment of a volunteer fire fighter may not be continued. (*Board of Firefighting Personnel Standards*

and Education; 655 IAC 1-3-8; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383)

655 IAC 1-3-9 Right of appeal

Authority: IC 36-8-10.5-7

Affected: IC 4-21.5-3; IC 22-12-7; IC 36-8-10.5

Sec. 9. Any person aggrieved by an action of the board may obtain administrative review of said action by filing a petition for review pursuant to the applicable provisions of IC 22-12-7 and IC 4-21.5-3. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-9; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-3-10 Discriminatory practice

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 10. The mandatory program shall not be discriminatory. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-10; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-3-11 Effective date

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 11. The mandatory program shall apply to all full-time or volunteer fire fighters newly hired, rehired, elected or appointed after January 1, 1988. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-3-11; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

Rule 4. Mandatory Training Requirements

655 IAC 1-4-1 Title, purpose, availability

655 IAC 1-4-2 General requirements for fire fighter mandatory training

655 IAC 1-4-1 Title, purpose, availability

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 1. (a) Title. This rule (655 IAC 1-4) shall be known as the Fire Fighter Mandatory Training Program, 1988 edition, and shall be published by the Board of Firefighting Personnel Standards and Education for general distribution and use under that title.

(b) Purpose. The purpose of this rule (655 IAC 1-4) is

to establish a mandatory training program for fire fighters by the board of firefighting personnel standards and education.

(c) Availability. This rule (655 IAC 1-4) is available for purchase from the Board of Firefighting Personnel Standards and Education, 1099 North Meridian Street, Suite 900, Indianapolis, Indiana 46204. (*Board of Firefighting Personnel Standards and Education; 655 IAC 1-4-1; filed Mar 7, 1988, 12:55 pm: 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.: 25 IR 203; errata, 26 IR 383*)

655 IAC 1-4-2 General requirements for fire fighter mandatory training

Authority: IC 36-8-10.5-7

Affected: IC 36-8-10.5

Sec. 2. (a) Intent. These requirements are intended only to familiarize the recruit fire-fighter with introductory personal safety and safe evolutions prior to engaging in emergency fire fighter activities. These requirements are not intended to replace the state of Indiana board of firefighting personnel standards and education requirements for fire fighter voluntary certification program.

(1) The intent of this document is to provide rules for the minimum mandatory personal safety training of those individuals entering, or re-entering the fire service.

(2) It is not required for the objectives to be mastered in the order that they appear.

(3) The local fire department, instructor, or fire chief, shall establish the instructional priority of the mandatory training.

(4) This is intended to be a minimum training program. Expanded scope and creativity of local training programs is encouraged.

(b) Minimum components are as follows:

(1) Orientation—1 Hour. Includes communication procedures, how alarms are received; who, what, when, where of local fire department.

(2) Personal Safety—2 Hours. Includes reason for protective clothing usage, i.e. helmet, coat, boots, and gloves; safe handling of tools.

(3) Forcible Entry—2 Hours. Includes safely finding hidden fires; safely entering structure or building when it is locked; nomenclature of tools.

(4) Ventilation—2 Hours. Includes safe letting of hot gases and smoke escape; safe procedures; where to properly ventilate.

(5) Apparatus—2 Hours. Includes safely mounting and dismounting from apparatus; riding on apparatus; safe driving of apparatus; basic traffic and fire fighting liability laws.

(6) Ladders—4 Hours. Includes safe setting positions for ground ladders; safe climbing and getting off of ladders; feeling for weakened floors on 2nd floor or higher before getting off ladder; different types of ladders used in fire service.

(7) Self-Contained Breathing Apparatus—6 Hours. Includes critical needs for wearing self-contained breathing apparatus; safe practices in its use; nomenclatures of self-contained breathing apparatus; safely donning and doffing of self-contained breathing apparatus.

(8) Hose Loads—1.5 Hours. Includes how to properly load hose; different types of hose loads; safely removing different hose loads; accessing water sources by

drafting or hydrants.

(9) Streams—1.5 Hours. Includes safe fire stream velocity and gallons per minute; properly opening and closing of nozzles.

(10) Basic Recognition of Special Hazards—2 Hours. Includes recognition of special hazards; DOT hazardous materials placarding recognition; structural hazards indicating imminent collapse or cave-in; recognition of suspicious fires; dangers of backdraft and flashover; overhead electrical wires; special safety procedures.

(Board of Firefighting Personnel Standards and Education; 655 IAC 1-4-2; filed Mar 7, 1988, 12:55 pm; 11 IR 2629; readopted filed Aug 27, 2001, 10:55 a.m.; 25 IR 203; errata, 26 IR 383)

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