

Certification Board Meeting Conference Call

March 10, 2020

Members Present

Kevin Gordon, Chair	Ken Hogue
Terry Foxx, Vice Chair	Chris Davis
Kim Williams	Jim Hanline
Josh Smith	David Bullins
Tim Pennell	Walter Gardner
Wes Hutchins	
Joel Faircloth	

Staff Present

Matt Thorpe
Jessica Lashbrook

Guests:

Keith Rogers

Chair Kevin Gordon called the meeting to order at 2:33 pm.

Walter Gardner made a motion to approve the agenda as presented. Chris Davis seconded. Motion passed.

Chris Davis made a motion to approve the December 10, 2019 meeting minutes. Tim Pennell seconded. Motion passed.

Standing Committee Reports

OSFM Update – Kim Williams

The Fire and Rescue Commission will be receiving \$300,000 for the purchase of an LMS software package. The software will include a testing generator, online teaching platform and online testing. This will go through a bidding process which could take up to six months after the money has been received.

Ad Hoc Committees

Validation Committee Updates – Matt Thorpe

A meeting is planned for March 30, 2020 with Wes Hutchins for Instructor I & II. Three of the 1041 subjects have been completed. Hazmat is being reviewed. Josh Smith will have information on 1001 coming soon. A meeting is planned for March 18, 2020.

Old Business – Kevin Gordon

Program Updates

Haz-Mat and HM Ops MSC

Clarification of the path for Haz-Mat and HM Ops MSC certification and qualification.

FIP-3052 will be replaced by FIP-6413. FIP-6411 & 6412 will be re-toggled to keep in line with the new standards. **(See**

attached packet #6)

New Business

Fire Instructor Requirements – Kevin Gordon

The Rules Committee recommends that students shall meet all requirements before taking the Instructor I certification course. Motion that all requirements must be met prior to taking the Instructor I course was made by Terry Foxx. Jim Hanline seconded. Motion approved. **(See attached packet #1)**

RIC and Breathing Equipment School - Kevin Gordon

Any instructor who takes Breathing Equipment School from July 1, 2016 forward, can take the test for RIC qualification at QSchool. Student must score at least 80% to pass. Passing the exam will give the student RIC certification and qualification. Ken Hogue made the motion to approve to allow testing at Qschool for students who have completed Breathing Equipment School July 1, 2016 or after. Students must pass with an 80% or better. This will allow them to gain RIC certification and RIC Instructor Qualification. The QSchool candidate must be an instructor. Jim Hanline seconded. Motion approved. **(See attached packet #2)**

Bridge Course - prior NFPA cycles - Kevin Gordon

Develop a bridge course for qualified instructors that will provide information that has been added to the standard. It would update certification levels from one standard to the next.

Joel Faircloth made a motion to develop a bridge course for Instructors. Terry Foxx seconded. Motion approved.

Fire Officer/ISO Equivalency – Kevin Gordon

Rules Committee recommends creating a Volunteer Fire Officer ISO 580C Certificate (non-Certification). This would allow departments to receive credit for individuals who have taken the Fire Officer Level 1 course, but do not meet the prerequisites for certification. The student would receive a certificate of training and it would be listed on their OSFM Training transcript.

Walter Gardner motioned to approve. Wes Hutchins seconded. Motion approved. **(see attached)**

Live Fire Instructor and Live Fire Instructor in Charge – Kevin Gordon

Chapters 7 & 8 of NFPA 1041 Live Fire would be structured as a certification and a qualification in one five phase process.

Live Fire Instructor Certification and Live Fire Instructor in Charge (Chapter 8) and would go live on July 1, 2020.

Wes Hutchings made a motion to adopt the New Live Fire Instructor Changes as presented. Ken Hogue seconded. Motion approved. **(see attached)**

Upcoming Meetings

Commission Meeting – April 14, 2020

Airborne & Special Ops Museum

100 Bragg Blvd. Fayetteville, NC

Certification Board meeting – June 9, 2020

Kernersville Fire Department

Adjournment

Terry Foxx made a motion to adjourn. Jim Hanline seconded. Meeting adjourned at 3:30 pm.

Respectfully Submitted,
Jessica Lashbrook

JL/jl

JL/jl

Agenda

Certification Board Meeting

March 10, 2020
14:30 AM

By Conference Call

Number: 888-636-3807
Access Code: 2856736

Meeting called by:

Chair Kevin Gordon

Type of meeting:

Certification Board

Note taker:

Jessica Lashbrook

Agenda topics

Opening and Welcome	Chair
Approval of Agenda	Chair
Approval of Minutes (12/10/2019)	Chair

Standing Committees / Reports

OSFM Update	Brian Taylor
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Ad Hoc Committees

Computer Based Certification Testing	Chair
Update – Various Validation Committees	Chair / Various CB Members

Old Business

Haz-Mat and HM Ops MSC	Chair
Amendment to FF / RIC	Chair

New Business

Fire Instructor Requirement	Chair
RIC and Breathing Equipment School	Chair
Bridge Course; prior NFPA cycles	Chair
Fire Officer / ISO equivalency	Chair
NFPA 1041 – Live Fire Qualification	Chair

Announcements

None

Upcoming Meetings

Commission Meeting	April 14, 2020
Certification Board Meeting	June 09, 2020

Adjournment

- 1) Fire Instructor requirements (this will touch other certification areas as well); see the attached email string
- 2) RIC and Breathing Equipment School; **Back to July 01, 2016 –**
Attached you will find all the documents surrounding RIC from 2016/2017. I have no idea why that statement is in the minutes as nothing if the documents mention any of that topic. Regardless, it's a moot point.

We'll resolve this at the March CB meeting. I see no reason why breathing equipment school wouldn't be acceptable as a requisite requirement for an instructor to attempt qualification as a RIC instructor. I will add one part since we've all discussed this

today. I also see no issue with issue the instructor certification, if/when they satisfactory complete Q-school for RIC. They must take a written test and make 80 or better, plus the skills. So, what's stopping us?

- 3) EMS certification used for certification requirement; then revoked by NCOEMS
- 4) Developing/offering a bridge course; to update certification levels from one standard to the next
- 5) Interest in developing a Support Firefighter Course for volunteer FDs; Matt is researching South Carolina
- 6) Clear up (for at least the third time) CLEAR path for HMT and HM Ops MSC certification/qualification

Please see and review the attachments. A week or so back, several of you asked about qualifying instructors in the areas of the MSC; mainly regarding those who are certified as HMT and/or qualified as HMT instructor. So, let me see if I can simplify what we need to do moving forward:

1. HM Technician Instructors: As approved by the Certification Board in June of 2019, and the Commission on October 08, 2019 – "All current HM Technician Instructors will be certified and qualified to teach all HM Ops Mission Specific Topics. To be qualified, Technician Instructors must complete the on-line upgrades between April 01, 2020 to June 30, 2020." So, we need to notify all who this applies to when we post the HM re-quals –
 - a. A similar opportunity was approved by the CB back in 2017 – "Any Instructor who is qualified to teach Haz-mat Technician meets all requirements to teach all the mission specific areas. These Instructors can simply request the applicable qualification areas be added to their transcript by contact Commission Staff." But the latest CB direction now overrides this 2017 process.
2. HM Technicians (who are Instructors): As approved by the Certification Board in September of 2017 and the Commission on October 10, 2017 – "Any Instructor who is certified as a Haz-mat Technician, can qualify to teach Haz-Mat Ops, and all mission specific disciplines, by attending Q-school and passing the job-knowledge exam with a score of 80% or higher on the Haz-mat Ops exam. No practical exams are required for those meeting this requirement."
3. Non-HM Technicians and non-HM Technician Instructors: All have the traditional format for becoming a qualified instructor, in any of the areas such HM Awareness, HM Ops, and the HM Ops MCS
4. Unless you all see any gaps, I see no need to seek clarification by the Board.

Question – since we adding HM Awareness as a stand-alone certification, do we need to drop back and qualify ALL HM Ops instructors in Chapter 4 (HM Awareness)?

Fire and Rescue RIC Certification – Transition to current NFPA Standards

Submitted By: NC Fire and Rescue Commission/Certification Board
NC Office of State Fire Marshal (OSFM)

Contact Person: Kevin Gordon, Certification Board; Kim Williams, OSFM
Kenny Weatherington, NCCCS

Initial WDLC Review: TBD

Board Submission: TBD

At the request of the Certification Board of the NC Fire and Rescue Commission (NCFRC), the following new course is submitted for inclusion in the NCCCS Combined Course Library (CCL), with an **effective date of July 1, 2020**.

This new course aligns with current National Fire Protection Association (NFPA) standard NFPA 1407: *Standard for Training Fire Service Rapid Intervention Crews* (2020 edition). This new course will replace a course already in the Combined Course Library, as noted in the comments below.

Request for New Course: *****Approved by the Certification Board on xx/xx/xx*****

Rapid Intervention – New Course Request with Effective Date of July 1, 2020

Course ID	Course Title	Course Description	Recommended Hours	Maximum Hours	Program Area	Cert Y/N	Tier Level
FIP6413	Mayday/Safety & Survival (RIC 2020)	This course includes instructional content for Mayday and FF Safety & Survival. This course will present the candidate with the knowledge, skills, and abilities to satisfy the key requirements of NFPA 1407: <i>Standard for Training Fire Service Rapid Intervention Crews</i> (2020 edition). This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines. contact the Office of State Fire Marshal (OSFM) for details. Effective date July 1, 2020/2019 Edition NFPA Standard.	24	29	R30 – Fire and Rescue	Y	3

Comments

The course above will be part of the larger Rapid Intervention Certification program that includes the following three training topics: Mayday, Safety and Survival, and Rapid Intervention Crew (RIC), all of which align with the newest professional standard NFPA 1407: *Standard for Training Fire Service Rapid Intervention Crews* (2020 edition).

This proposed new course will replace FIP-3052 FF Mayday/Safety & Survival in the Combined Course Library. FIP-3052 FF Mayday/Safety & Survival should not be used by colleges, and it will be made obsolete in the CCL.

For Reference Only:

- When proposed new course FIP-6413 Mayday/Safety & Survival (RIC 2020) is added to the CCL, it will become part of the overall Rapid Intervention Certification Program, as noted below.
- Courses FIP-6411 and FIP-6423 will be updated in the CCL to incorporate minor editorial changes that do not require WDLC or State Board action. These changes are noted below for reference:

Rapid Intervention Certification Program Courses - For Information Only – No Action Required - These courses are all effective July 1, 2020

Course ID	Course Title	Course Description	Recommended Hours	Maximum Hours	Program Area	Cert Y/N	Tier Level
FIP6411	Rapid Intervention Series Revise Title: Rapid Intervention Series (RIC 2020)	(Revise description) This course covers Safety and Survival, Mayday, and Rapid Intervention Crew (RIC), the three topics necessary to meet the knowledge, skills, and abilities to satisfy the key requirements of NFPA 1407: <i>Standard for Training Fire Service Rapid Intervention Crews</i> (2020 edition). This series course combines all content from courses FIP-6412 Rapid Intervention Crew (RIC 2020) and FIP-6413 Mayday/Safety & Survival (RIC 2020). This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines; contact the Office of State Fire Marshal (OSFM) for details. Effective date July 1, 2020/NFPA 1407 Standard, 2020 edition.	48	58	R30	Y	3

FIP6412	<p>Rapid Intervention Crew</p> <p>Revise Title: Rapid Intervention Crew (RIC 2020)</p>	<p>(No change to description) This course will present the Rapid Intervention Crew (RIC) candidate with the knowledge, skills, and abilities to satisfy the requirements of NFPA 1407: <i>Standard for Training Fire Service Rapid Intervention Crews</i> (2020 edition). The course is designed to show the complexities of managing and operating on a Rapid Intervention Crew. This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines; contact the Office of State Fire Marshal (OSFM) for details. Effective date July 1, 2020/NFPA 1407 Standard, 2020 edition.</p>	24	29	R30	Y	3
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CCL – Course Review Worksheet

Course ID	Course Title	Course Description	Recommended Hours	Maximum Hours	Program Area	Cert Y/N	Tier Level
FIP6413 (pending SBCC approval as described in this WDLC item)	Mayday / Safety & Survival (RIC 2020) <i>This will replace course FIP-3052 FF Mayday/ Safety & Survival that is currently in the CCL. FIP-3052 should not be used.</i>	This course includes instructional content for Mayday and FF Safety & Survival. This course will present the candidate with the knowledge, skills, and abilities to satisfy the key requirements of NFPA 1407: <i>Standard for Training Fire Service Rapid Intervention Crews</i> (2020 edition). This course should be offered consistent with the most current NC Fire and Rescue Commission guidelines. contact the Office of State Fire Marshal (OSFM) for details. Effective date July 1, 2020/2019 Edition NFPA Standard.	24	29	R30	Y	3

NFPA 1001 – 2019	Rec Hours	Max Hours
FIP 3040 FF General and Comm (FF 2019)		
Orientation (Chapter 1, 22)		
Fire Service Communications (Chapter 4)		
	24	29
FIP 3041 FF Fireground Ops 1 (FF 2019)		
Firefighter Health & Safety (Chapters 2, 20)		
	24	29
FIP 3042 FF Fireground Ops 2 (FF 2019)		
PPE (Chapter 3)		
	28	34
FIP 3043 FF Fireground Ops 3 (FF 2019)		
Building Construction (Chapter 6)		
Portable Extinguishers (Chapter 7)		
Fire Behavior (Chapter 5)		
	32	38
FIP 3044 FF Fireground Ops 4 (FF 2019)		
Tools and Forcible Entry (Chapters 8, 10)		
Loss Control (Chapters 19, 28)		
	32	38
FIP 3045 FF Fireground Ops 5 (FF 2019)		
Ladders (Chapter 11)		
Ventilation (Chapter 13)		
	36	43
FIP 3046 FF Fireground Ops 6 (FF 2019)		
Ropes & Knots (Chapter 9)		
Search & Rescue (Chapter 12)		
	28	34
FIP 3047 FF Fireground Ops 7 (FF 2019)		
Water Supplies (Chapter 14)		
	24	29
FIP 3048 FF Fireground Ops 8 (FF 2019)		
Hose, Streams, Appliances (Chapters 15, 16)		
	24	29
FIP 3049 FF Fireground Ops 9 (FF 2019)		
Fire Control (Chapter 17, 21, 23)		
	40	48
FIP 3050 FF Rescue Ops 1 (FF 2019)		
Rescue (Chapters 24, 25)		

	28	34
FIP 3051 FF Fire and Life Safety Initiatives (FF 2019)		
Fire Detection & Suppression Systems (Chapter 26)		
Fire and Life Safety Initiatives (Chapter 27)		
	28	34
Total Program Hours	348	419
FIP 5556 HM Ops (Chapters 4/5/6.2/6.6)	40	48
FIP 6413 Mayday / Safety & Survival (RIC 2020)	24	29
FIP 7000 Traffic Incident Management	4	5
FIP 7001 FF/TR Emergency Medical Care	12	14
Additional Requirements - Hours	80	96
Total Hours to be certified as FF	428	515

Textbook:

Fundamentals of Fire Fighter Skills and Hazardous Materials Response (Fourth Edition) ISBN: 9781284151336 | © 2019 | 1360 pages; *or*

NC Vol Fire Fighter Hazardous Materials & First Aid Bundle ISBN: 9781284207552

Requested New Program	Rec Hours	Max Hours
FIP 3040 FF General and Comm (FF 2019)		
Orientation (Chapter 1, 22)		
Fire Service Communications (Chapter 4)		
	24	29
FIP 3041 FF Fireground Ops 1 (FF 2019)		
Firefighter Health & Safety (Chapters 2, 20)		
	24	29
FIP 3042 FF Fireground Ops 2 (FF 2019)		
PPE (Chapter 3)		
	28	34
FIP 3043 FF Fireground Ops 3 (FF 2019)		
Building Construction (Chapter 6)		
Portable Extinguishers (Chapter 7)		
Fire Behavior (Chapter 5)		
	32	38
FIP 3044 FF Fireground Ops 4 (FF 2019)		
Tools and Forcible Entry (Chapters 8, 10)		
Loss Control (Chapters 19, 28)		
	32	38
FIP 3045 FF Fireground Ops 5 (FF 2019)		
Ladders (Chapter 11)		
Ventilation (Chapter 13)		
	36	43
FIP 3046 FF Fireground Ops 6 (FF 2019)		
Ropes & Knots (Chapter 9)		
Search & Rescue (Chapter 12)		
	28	34
FIP 3047 FF Fireground Ops 7 (FF 2019)		
Water Supplies (Chapter 14)		
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FIP 3048 FF Fireground Ops 8 (FF 2019)		
Hose, Streams, Appliances (Chapters 15, 16)		
	24	29
FIP 3049 FF Fireground Ops 9 (FF 2019)		
Fire Control (Chapter 17, 21, 23)		
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FIP 3050 FF Rescue Ops 1 (FF 2019)		
Rescue (Chapters 24, 25)		

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Volunteer Fire Officer ISO 580C Certificate (non-Certification) –

The Fire Suppression Rating Schedule (FSRS) states the following regarding recruit training:

Officer Certification (T₃):

Certification of each current officer with responsibilities in fire suppression in accordance with the general criteria of NFPA 1021, Standard for Fire Officer Professional Qualifications.

Up to..... 6 points

Create a training program that would allow fire departments to train their volunteer fire officers to a NFPA 1021 based program, while gaining credit toward ISO credit, and provides an option to the accredited Fire Officer Certification Program.

1. Volunteer Fire Officer ISO 580C Training Option –

- a. Volunteer FO ISO 580C Certificate (based on NFPA 1021)
- b. Meet the requirements of the Fire Officer certification program
- c. Successfully complete FIP 3710 Fire Officer I
- d. If the above requirements are met, the candidates training transcript will show a “certificate of completion” for any/all personnel who successfully completes the “Volunteer FO ISO 580C” program.

2. Road Map to accredited Fire Officer Certification –

- a. Meet the requirements of the Fire Officer certification program
- b. Successfully complete FIP 3811 Fire Instructor I

Live Fire Instructor and Live Fire Instructor in Charge

NFPA 1041 – *Standard for Fire and Emergency Services Instructor Professional Qualifications – 2019 Edition*

Phase I –

This is an introductory phase for someone who may be interested in obtaining the Live Fire Instructor in Charge certification/qualification. The basic understanding of the NFPA 1403 (Standard on Live Fire Training Evolutions), NFPA 1402 (Standard on Facilities for Fire Training and Associated Props), any other related standards/regulations which impact live fire training will be the focus in order to help the student prepare for Phase II.

- Meet the prerequisites to be a certified/qualified Live Fire Instructor in Charge which consists of being Fire Fighter qualified instructor for five years
- Instructor II certified
- Take the Office of State Fire Marshal Live Fire Awareness Course (on-line)

Phase II –

Phase II will consist of the candidate who has completed Phase I and attending a 16-hour course. The standards and regulations listed below will be the focus of the course in order to develop an in depth understanding of live fire training as it relates to the various requirements.

Must attend 100% of the Live Fire Instructor Indoctrination Course and pass the written examination with a minimum score of 80% which covers:

- NFPA 1403 Current Edition
- NFPA 1402 Current Edition
- NFPA 1142 Current Edition
- NFPA 1584 Current Edition
- NC Fire and Commission Policy
- State Air Quality and Asbestos requirements

Phase III –

Phase III will consist of the candidate participating in live fire burns under the supervision of a Live Fire Instructor in Charge. Acting as an **apprentice**, the candidate will gain the necessary understanding of the information from Phase II and implementing during actual burns. This includes all the various functions needed to burn in accordance with various standards and regulations as well as the positions identified in NFPA 1403.

Live Fire Instructor and Live Fire Instructor in Charge

NFPA 1041 – Standard for Fire and Emergency Services Instructor Professional Qualifications – 2019 Edition

Within 2 years, of completing Phase II, the candidate must participate in the live fire training evolutions listed below:

- Acquired Structure (Chapter 05; NFPA 1403-2018); and
- Gas-Fired Live Fire Training Structures (Chapter 06; NFPA 1403-2018) or Non-Gas- Fired Live Fire Training Structures (Chapter 07; NFPA 1403-2018); and
- *Exterior Live Fire Training Props (Chapter 08; NFPA 1403-2018)

For each of the above listed live fire training evolutions, the candidate must successfully complete the following:

- Pre-burn plan (in accordance with 4.14 of NFPA 1403) for each evolution; and
- Task log for each position of a Live Fire Instructor (Chapter 7 of NFPA 1041-2019) attested to by the supervising Live Fire Instructor in Charge

****Any prop shall produce live fire as defined by NFPA 1402. NFPA 1402 - 3.3.22 Live Fire. Any open flame capable of emitting thermal load or toxic by-products of combustion that would necessitate the use of personal protective equipment (PPE).***

Phase IV –

This phase of the process is crucial in determining if the candidate has learned the myriad of technical aspects as it relates to conducting successful live fire training evolutions and able to apply them in real world situations. This will serve as the practical testing and evaluation segment of the newly realigned qualification program.

- Register for and attend Live Fire Instructor in Charge Qualification Course (skills testing) –
 - Must present all pre burn plans from Phase III
 - Must score a minimum of 100% on all practical skills
 - Must complete applicable Pre-burn plan(s) of the evolution being tested in Phase IV

Phase V –

Certification / Qualification issued for NFPA 1041-2019; Live Fire in Charge Instructor (Chapter 7 and Chapter 8).

