

NFCA VIRTUAL EDUCATION - June 21-23, 2021

**NFCA SFRM and IFRM Education for DRI's, Inspection Agencies
NFCA Contractor Accreditation Program
UL Qualified SFRM Contractor Program**



All times in Central Daylight Time (CDT)

Monday, June 21

IFRM Fireproofing Education

- 2:00 – 3:15 NFCA Introduction, UL Fire Resistance Directory & IFRM Systems Selection— **Bill & Ernst**
- 3:15 – 4:00 Primers and NFCA Technical Bulletins—**Ernst**
- 4:00 – 4:45 Measuring Thickness of IFRM Applications— **Sean**
- 4:45 – 5:00 Break
- 5:00 – 5:45 NFCA 300 Application Standard—**Bill**
- 5:45 – 6:30 NFCA 400 Quality Control Standard— **Bill**

Tuesday, June 22

Joint Education Session—Both SFRM and IFRM—Common Topics

- 8:00 – 9:00 Introductions & NFCA Contractor Accreditation Program—**Bill**
- 9:00 – 10:00 International Building Code—**Bill**
- 10:00 – 10:15 Break
- 10:15 – 11:15 International Building Code Continued— **Bill**
- 11:15 – 12:00 Restrained versus Unrestrained—**John**
- 12:00 – 1:00 Lunch

SFRM Fireproofing Education

- 1:00 – 1:45 UL Fire Resistance Directory & SFRM Systems Selection—**Daniel**
- 1:45 – 2:30 Beam Substitution Procedures & Examples—**John**
- 2:30 – 3:15 Thickness Adjustment Procedures and Examples—**John**
- 3:15 – 3:30 Break
- 3:30 – 4:00 UL Fire-Resistance Topics—**Nick**
- 4:00 – 4:45 NFCA 100 Application Standard—**Bill**
- 4:45 – 5:30 NFCA 200 Quality Control Standard—**Bill**

NFCA Education for IFRM & SFRM Fireproofing Exams Faculty:

John Dalton, Technical Service Engineer, GCP Applied Technologies, Inc. has a B.S. in Chemistry and Mathematics, and a Post-Graduate Diploma in Industrial Chemistry. John is a Certified Fire Protection Specialist (NFPA) and a Member of the Institute of Fire Engineers. He is the Task Group Chair of ASTM E6.21 that oversees many of the standards related to the physical performance tests of SFRM and IFRM. He is an ICC Certified Inspector of SFRM, working at Grace / GCP since 1999.

Dan Ehehalt, is currently the Marketing Manager for Isolatek International. He has been with the company for over 10 years with experience in R&D, Technical Service, Field Service, and Product Management

Nicholas Federici, Isolatek International, Inc., is Applications & Development Engineer that has been working in the Technical Service Department. He has been with Isolatek International for 3 years and studied at University of Dayton receiving a Bachelors in Mechanical Engineering.

Sean Younger, Carboline, Inc., Sean Younger has been involved in fireproofing product sales and marketing since 2000. He has gained 21 years of technical fireproofing expertise in the commercial, industrial, & petrochemical markets while working with Nu-Chem, Inc. and Carboline. For the last 5 years he has served in a technical sales specialist role with Carboline covering the Central West region of the US, based out of St. Louis, MO.

Ernst Toussaint, PE, Sr. Steel Protection Engineering Mgr., Hilti, has more than 18 years in the fireproofing, pipeline, chemical plant and industrial coating/corrosion control environments. He holds Certifications as Protective Coating Inspector Level 3, Protective Coatings Specialist, Master Coating Inspector, Bridge Coating Inspector and Certified Concrete Coating Inspector Level 2 at the Society for Protective Coatings and a NACE CP Tester and CIP Level 3. Ernst holds degrees in Chemical Engineering, University of Florida and MBA, West Texas A&M University.

Bill McHugh, NFCA Executive Director, serves NFCA Members through association management and technical / industry advocacy at ASTM, ICC, etc. He has served on the ICC's Fire Safety Committee twice, serves on NFPA Fire Protection Features Committee for NFPA 101/5000, involved at Canada's Code Development process, also has served on boards at CSI, IAS.

Questions? Call NFCA 708-236-3411 or email info@nfca-online.org

National Fireproofing Contractors Association, 4415 W. Harrison, Suite 540, Hillside, IL 60162

VIRTUAL PROGRAM - June 21-23, 2021

**NFCA SFRM and IFRM Education for DRI's, Inspection Agencies
NFCA Contractor Accreditation Program
UL Qualified SFRM Contractor Program**



Become an NFCA Accredited Contractor & Start Process for UL QSFRMP*:

What's the Process?

1. **Attend the NFCA Education** for SFRM/IFRM Exams & Contractor Accreditation Program Training to become NFCA Designated Responsible Individual (DRI). Attendees sent presentation slides electronically prior to event for reference.
2. **Pass the examination (s)** with a score of 80% or more.
3. **Be a NFCA Member with at least two years of experience** installing fireproofing products & 20 completed fireproofing projects.
4. **NFCA CAP license Agreement:** Applicant is required to sign / return agreement with initial license fee (\$500 each / \$750 both SFRM/IFRM). Annual renewal is required with discounts for multiple accreditations (\$200 / \$250).
5. **Accreditation Seal:** Upon return of completed license agreement, company receives NFCA Contractor Accreditation Seal with company name, and a NFCA Website listing as a NFCA Accredited Contractor. This is also the first step to becoming a UL Qualified SFRM Contractor.
6. **Continuing Education:** The DRI is required to complete 10 hours of continuing education per year or 30 hours over three years to maintain the DRI Status and Contractor Accreditation. Attendance at the NFCA Annual Conference satisfies the 10 hours continuing education per year.

Important information to know:

- **Register** for SFRM, IFRM or BOTH Programs. Participants attending both the SFRM and IFRM Education for Exams begin Monday, June 21 at 2:00 pm CDT. Participants attending the SFRM Training only, begin Tuesday, June 22, at 8:00 am CDT.
- **NFCA's Handbook of Accepted Fireproofing Knowledge** and SFRM/IFRM Fireproofing Education are great ways to build a base of fireproofing knowledge for employees – and get ready for DRI Status in NFCA or UL Programs.
- **Inspection Agency personnel can prove competence to AHJ's, who approve Special Inspectors per IBC Ch17**
- **A NFCA PDF of Program Slides** will be sent to registrants prior to the education session to review, use in class.
- **A 80% score is required to pass the written and practical exams.** Test scores will be confidentially communicated to each attendee.
- ***NOTE: IFRM Measurement Exam takes place July 13, individually.***

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