EXAMINATION REQUIREMENTS

FOR

FIRE SUPPRESSION SYSTEM

CERTIFICATION

AS PRESCRIBED BY

THE STATE FIRE PREVENTION COMMISSION

ON JUNE 12, 2003

IN ACCORDANCE WITH

THE STATE FIRE PREVENTION REGULATIONS

PART III, CHAPTERS 5 AND 7

EXAMINATION REQUIREMENTS

FOR

FIRE SUPPRESSION SYSTEM

CERTIFICATION

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Classification of Fire Suppression System Licenses Certificates
As per the State Fire Prevention Regulations
Part III, Chapters 5 and 7

Table 1

Class	Type of work that may be performed
I	All types of fire suppression systems under Classes II, III, and IV.
II	Sprinkler and Standpipe Systems.
IIIa	Engineered CO2 fire suppression systems.
IIIb	Engineered clean agent fire suppression systems.
IIIc	Engineered foam fire suppression systems.
IIId	Engineered dry chemical fire suppression systems.
IV	Residential fire suppression systems (Typical of NFPA 13D systems)
Va	Pre-engineered CO2 fire suppression systems only.
Vb	Pre-engineered clean agent fire suppression systems only.
Vc	Pre-engineered foam fire suppression systems only.
Vd	Pre-engineered dry chemical fire suppression systems only.
Ve	Pre-engineered wet chemical fire suppression systems only.
VI	Inspection, Testing and Maintenance, ONLY, of all Systems.
VIII	Inspection, Testing and Maintenance of In-House Licensed Systems, ONLY.

Examination Requirements for
Fire Suppression System Certification
As per the State Fire Prevention Regulations
Part III, Chapters 5 and 7

Table 2

Certificate Class	Examination Requirements
I	Successfully complete “SFPR Exam” Successfully complete “Class IV Certification Exam” Successfully complete “Class II Certification Exam” Successfully complete “Class IIIa, IIIb, IIIc and IIId Certification Exams” (See Notes 1, 2 and 3 on Page 6)
II	Successfully complete “SFPR Exam” Successfully complete “Class II Certification Exam” (See Note 1 on Page 7)
IIIa	Successfully complete “SFPR Exam” Successfully complete “Class IIIa Certification Exam” (See Note 2 on Page 8)
IIIb	Successfully complete “SFPR Exam” Successfully complete “Class IIIb Certification Exam” (See Note 2 on Page 9)
IIIc	Successfully complete “SFPR Exam” Successfully complete “Class IIIc Certification Exam” (See Note 2 on Page 10)
IIId	Successfully complete “SFPR Exam” Successfully complete “Class IIId Certification Exam” (See Note 2 on Page 11)
IV	Successfully complete “SFPR Exam” Successfully complete “Class IV Certification Exam” (See Note 3 on Page 12)
Va-Ve	Successfully complete “SFPR Exam” Provide proper Manufacturers Certification
VI	Successfully complete “SFPR Exam” Successfully complete “Class IV Certification Exam” Successfully complete “Class II Certification Exam” Successfully complete “Class III Combined Certification Exam” (See Notes 1, 2 and 3 on Page 14)
VIII	Successfully complete “SFPR Exam” Successfully complete “Class IV Certification Exam” Successfully complete “Class II Certification Exam” Successfully complete “Class III Combined Certification Exam” (See Notes 1-4 on page 16)

CLASS I

FIRE SUPPRESSION SYSTEM CERTIFICATE EXAMINATIONS

Section 1 – Scope of work which may be performed

A Class I Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain Fire suppression Systems under Class II, III and IV Certificates.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class II Certification Examination (FSS Class II Exam)
(Note 1)

The Fire Suppression System Class II Certificate Exam is an exam consisting of questions from the following 37 NICET work elements. Successful completion of this exam requires passing all 37 work elements.

11001 – PLANS, SPECIFICATIONS AND CONTRACTS
11002 – LAYOUT SIMPLE DESIGNS
11003 – NFPA STANDARDS
11004 – BASICS OF SPRINKLER SYSTEMS
11005 – BASIC MATERIALS AND COMPONENTS
13001 – CONSTRUCTION PLANS
13002 – FIRE PROTECTION PLANS AND SYMBOLS
13005 – BASICS OF SYSTEM LAYOUT
13006 – CLASSIFICATIONS OF OCCUPANCIES
13007 – WATER SUPPLY REQUIREMENTS
13008 – SYSTEM CONNECTIONS
13009 – SYSTEM PIPING CONFIGURATIONS, SCHEDULES AND SIZES
13010 – REQUIREMENTS OF SPACING
13011 – SPRINKLER LOCATION AND POSITION
13012 – PIPE JOINING TECHNIQUES AND FITTINGS
13013 – PIPE HANGERS AND HANGING
13014 – WET AND DRY SYSTEMS
13015 – HYDRAULIC CALCULATIONS OF SYSTEMS
13016 – UNDERGROUND PIPING
13017 – BUILDING CODES
13023 – SPECIAL SPRINKLERS
13024 – WATER FLOW TEST
13025 – FUNDAMENTALS OF HYDRAULICS
14002 – SELECTION OF FIRE PUMPS
14004 – PUMP FLOW TEST
14005 – HIGH PILED STORAGE
14006 – RACK STORAGE
14007 – SPRINKLER SYSTEM MAINTENANCE
14009 – STANDPIPE SYSTEMS
14010 – FIRE PUMPS AND SYSTEMS
14011 – STORAGE TANKS
14012 – ALARMS AND SYSTEM SUPERVISION
14013 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
14016 – SURVEYS FOR FIRE PROTECTION
15005 – SHOP AND ERECTION DRAWINGS
15007 – SYSTEM ACCEPTANCE TESTS
15016 – HYDRAULIC DESIGN AREA

Combination of all Fire Suppression System Class IIIa thru IIId Certification Exams
(FSS Class IIIa thru IIId Exams)
(Note 2)

To meet the Exam Requirements for FSS Class I, the applicant must successfully complete all 41 required NICET work elements for FSS Class IIIa thru IIId. The 41 work elements required are as follows:

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53011 – FOAM WATER I
53012 – CARBON DIOXIDE I
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
54007 – HALON 1301 I
54008 – DRY CHEMICAL I
54011 – VISUAL INSPECTION OF CYLINDERS
54014 – INERGEN (IG– 541)
54015 – FM-200 (HFC-227ea)
54016 – FE-13 (HFC-23)
54017 – ROOM INTERGRITY/FAN TESTING
54018 – ENGINEERING DRAWINGS AND SUBMITTALS
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
55011 – FINAL ACCEPTANCE TEST FOR AHJ
56001 – HEAT-SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME-SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56005 – FOAM WATER II
56006 – HALON 1301 II
56007 – CARBON DIOXIDE II
56008 – DRY CHEMICAL II
56014 – INERGEN (IG-541)
56015 – FE-13 (HFC-23)
56016 – FM-200 (HFC-227ea)

Fire Suppression System Class IV Certification Examination (FSS Class IV Exam)
(Note 3)

The Fire Suppression System Class IV Certification Exam is based on NFPA 13D.

Section 3 – Reference Material

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 13D -	Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes
NFPA 13R -	Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height
NFPA 14 -	Standard for Standpipe, Private Hydrant and Hose Systems
NFPA 16 -	Standard for Foam-Water Sprinkler Systems and Foam Water Spray Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 20 -	Standard for the Installation of Stationary Fire Pumps for Fire Protection
NFPA 22 -	Standard for Water Tanks for Private Fire Protection
NFPA 24 -	Standard for Installation of Private Fire Service Mains and Their Appurtenances
NFPA 25 -	Inspection, Testing and Maintenance of Water Based Fire Protection Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Sprinkler Systems and Special Hazards Program Detail Manuals for additional suggested references.

Note 1 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Automatic Sprinkler System Layout, will be considered an equivalent to the FSS Class II Exam.

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology subfield of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

Note 3 – Successful completion of NICET work element 13026, Dwelling Sprinklers shall be considered an equivalent to the FSS Class IV Exam.

CLASS II

FIRE SUPPRESSION SYSTEM CERTIFICATE EXAMINATIONS

Section 1 – Scope of work which may be performed

A Class II Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain Sprinkler and Standpipe Systems.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class II Certification Examination (FSS Class II Exam)
(Note 1)

The Fire Suppression System Class II Certificate Exam is an exam consisting of questions from the following 37 NICET work elements. Successful completion of this exam requires passing all 37 work elements.

11001 – PLANS, SPECIFICATIONS AND CONTRACTS
11002 – LAYOUT SIMPLE DESIGNS
11003 – NFPA STANDARDS
11004 – BASICS OF SPRINKLER SYSTEMS
11005 – BASIC MATERIALS AND COMPONENTS
13001 – CONSTRUCTION PLANS
13002 – FIRE PROTECTION PLANS AND SYMBOLS
13005 – BASICS OF SYSTEM LAYOUT
13006 – CLASSIFICATIONS OF OCCUPANCIES
13007 – WATER SUPPLY REQUIREMENTS
13008 – SYSTEM CONNECTIONS
13009 – SYSTEM PIPING CONFIGURATIONS, SCHEDULES AND SIZES
13010 – REQUIREMENTS OF SPACING
13011 – SPRINKLER LOCATION AND POSITION
13012 – PIPE JOINING TECHNIQUES AND FITTINGS
13013 – PIPE HANGERS AND HANGING
13014 – WET AN DRY SYSTEMS
13015 – HYDRAULIC CALCULATIONS OF SYSTEMS
13016 – UNDERGROUND PIPING
13017 – BUILDING CODES
13023 – SPECIAL SPRINKLERS
13024 – WATER FLOW TEST
13025 – FUNDAMENTALS OF HYDRAULICS
14002 – SELECTION OF FIRE PUMPS
14004 – PUMP FLOW TEST
14005 – HIGH PILED STORAGE
14006 – RACK STORAGE
14007 – SPRINKLER SYSTEM MAINTENANCE
14009 – STANDPIPE SYSTEMS
14010 – FIRE PUMPS AND SYSTEMS
14011 – STORAGE TANKS
14012 – ALARMS AND SYSTEM SUPERVISION
14013 – FUNDAMENTALS OF FIRE EXTINGUISMENT
14016 – SURVEYS FOR FIRE PROTECTION
15005 – SHOP AND ERECTION DRAWINGS
15007 – SYSTEM ACCEPTANCE TESTS
15016 – HYDRAULIC DESIGN AREA

Section 3 – Reference Material

SFPR	Delaware State Fire Prevention Regulations
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 14 -	Standard for Standpipe, Private Hydrant and Hose Systems
NFPA 20 -	Standard for the Installation of Stationary Fire Pumps for Fire Protection
NFPA 22 -	Standard for Water Tanks for Private Fire Protection
NFPA 24 -	Standard for Installation of Private Fire Service Mains and Their Appurtenances
NFPA 25 -	Inspection, Testing and Maintenance of Water Based Fire Protection Systems
NFPA 72 -	National Alarm Code
NFPA 101 -	Code for Safety to Life from Fire in Buildings and Structures
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols

See the NICET Sprinkler Systems Program Detail Manual for additional suggested references.

Note 1 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Automatic Sprinkler System Layout, will be considered an equivalent to the FSS Class II Exam.

CLASS IIIa

FIRE SUPPRESSION SYSTEM CERTIFICATE

[Engineered CO2 Fire Suppression Systems]

Section 1 – Scope of work which may be performed

A Class IIIa Fire suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain engineered carbon dioxide fire suppression systems.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class IIIa Certification Examination (FSS Class IIIa Exam)

(Note 2)

The Fire Suppression System Class IIIa Certificate Exam is an exam consisting of questions from the following 27 NICET work elements. Successful completion of this exam requires passing all 27 work elements.

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
53012 – CARBON DIOXIDE I
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
54018 – ENGINEERING DRAWINGS AND SUBMITTALS
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
55011 – FINAL ACCEPTANCE TEST FOR AHJ
56001 – HEAT- SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME- SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56007 – CARBON DIOXIDE II

Section 3 – Reference Materials

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Special Hazards systems Program Detail Manual for additional suggested references

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

CLASS IIIb

FIRE SUPPRESSION SYSTEM CERTIFICATE

[Engineered Clean Agent Suppression Systems]

Section 1 – Scope of work which may be performed

A Class IIIb Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain engineered Clean Agent fire suppression systems.

Section 2 _ Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class IIIb Certification Examination (FSS Class IIIb Exam)
(Note 2)

The Fire Suppression System Class IIIb Certificate Exam is an exam consisting of questions from the following 35 NICET work elements. Successful completion of this exam passing all 35 work elements.

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
54007 – HALON 1301 I
54011 – VISUAL INSPECTION OF CYLINDERS
54014 – INERGEN (IG– 541)
54015 – FM-200 (HFC-227ea)
54016 – FE-13 (HFC-23)
54017 – ROOM INTERGRITY/FAN TESTING
54018 – ENGINEERING DRAWINGS AND SUBMITTALS
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
55011 – FINAL ACCEPTANCE TEST FOR AN AHJ
56001 – HEAT-SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME-SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56006 – HALON 1301 II
56014 – INERGEN (IG-541)
56015 – FE-13 (HFC-23)
56016 – FM-200 (HFC-227ea)

Section 3 – Reference Materials

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Special Hazards Systems Program Detail Manual for additional suggested

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

CLASS IIIc

FIRE SUPPRESSION SYSTEM CERTIFICATE

[Engineered Foam Fire Suppression Systems]

Section 1 – Scope of work which may be performed

A Class IIIc Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain engineered foam fire suppression systems.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class IIIc Certificate Examination (FSS IIIc Exam)
(Note 2)

The Fire Suppression System Class IIIc Certificate Exam is an exam consisting of questions from the following 25 NICET work elements. Successful completion of this exam requires passing all 25 work elements.

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53011 – FOAM WATER I
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
56001 – HEAT-SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME-SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56005 – FOAM WATER II

Section 3 – Reference Materials

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 16 -	Standard for Foam-Water Sprinkler Systems and Foam Water Spray Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Special Hazards Systems Program Detail Manual for additional suggested references.

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology, sub field of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

CLASS IIId

FIRE SUPPRESSION SYSTEM CERTIFICATE

[Engineered Dry Chemical]

Section 1 – Scope of work which may be performed

A Class IIId Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain engineered dry chemical fire suppression systems

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class IIId Certification Examination (FSS Class IIIc Exam)
(Note 2)

The Fire Suppression System Class IIId Certificate Exam is an exam consisting of questions from the following 25 NICET work elements. Successful completion of this exam requires passing all 25 work elements.

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
54008 – DRY CHEMICAL I
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
56001 – HEAT-SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME-SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56008 – DRY CHEMICAL II

Section 3 – Reference Materials

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Special Hazards Systems Program Detail Manual for additional suggested

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

CLASS IV

FIRE SUPPRESSION SYSTEM CERTIFICATE

Section 1 – Scope of work which may be performed

A Class IV Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain residential fire suppression systems (typical of NFPA 13D systems).

Section 2 – Examination Requirements (SFPR Exam)

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class IV Certification Examination (FSS Class IV Exam)

The Fire Suppression System Class IV Certification Exam is based on NFPA 13D.

Section 3 – Reference Material

SFPR	State Fire Prevention Regulations
NFPA 13D -	Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes

Note 3 – Successful completion of NICET work element 13026, Dwelling Sprinklers shall be considered an equivalent to the FSS Class IV Exam.

CLASS V

FIRE SUPPRESSION SYSTEM CERTIFICATE

Section 1 – Scope of work which may be performed

A Class V Fire Suppression System Certificate will allow the certificate holder to perform inspection, testing and maintenance service of pre-engineered fire protection systems.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class V Certification Examination (FSS Class V Exam)

A manufacturer's certification in specific systems is to be considered equivalent to a Class V Certificate in the specific category.

CLASS VI

FIRE SUPPRESSION SYSTEM CERTIFICATE

Section 1 – Scope of work which may be performed

A Class VI Fire Suppression System Certificate will allow the certificate holder to perform inspection, testing and maintenance service of Fire Suppression Systems under Class II, III, & IV Certificates.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class II Certification Examination (FSS Class II Exam)
(Note 1)

The Fire Suppression System Class II Certificate Exam is an exam consisting of questions from the following 37 NICET work elements. Successful completion of this exam requires passing all 37 work elements.

11001 – PLANS, SPECIFICATIONS AND CONTRACTS
11002 – LAYOUT SIMPLE DESIGNS
11003 – NFPA STANDARDS
11004 – BASICS OF SPRINKLER SYSTEMS
11005 – BASIC MATERIALS AND COMPONENTS
13001 – CONSTRUCTION PLANS
13002 – FIRE PROTECTION PLANS AND SYMBOLS
13005 – BASICS OF SYSTEM LAYOUT
13006 – CLASSIFICATION OF OCCUPANCIES
13007 – WATER SUPPLY REQUIREMENTS
13008 – SYSTEM CONNECTIONS
13009 – SYSTEM PIPING CONFIGURATIONS, SCHEDULES AND SIZES
13010 – REQUIREMENTS OF SPACING
13011 – SPRINKLER LOCATION AND POSITION
13012 – PIPE JOINING TECHNIQUES AND FITTINGS
13013 – PIPE HANGARS AND HANGING
13014 – WET AND DRY SYSTEMS
13015 – HYDRAULIC CALCULATIONS OF SYSTEMS
13016 – UNDERGROUND PIPING
13017 – BUILDING CODES
13023 – SPECIAL SPRINKLERS
13024 – WATER FLOW TEST
13025 – FUNDAMENTALS OF HYDRAULICS
14002 – SELECTION OF FIRE PUMPS
14004 – PUMP FLOW TEST
14005 – HIGH PILED STORAGE
14006 – RACK STORAGE
14007 – SPRINKLER SYSTEM MAINTENANCE
14009 – STANDPIPE SYSTEMS
14010 – FIRE PUMPS AND SYSTEMS
14011 – STORAGE TANKS
14012 – ALARMS AND SYSTEM SUPERVISION
14013 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
14016 – SURVEYS FOR FIRE PROTECTION
15005 – SHOP AND ERECTION DRAWINGS
15007 – SYSTEM ACCEPTANCE TESTS
15016 – HYDRAULIC DESIGN AREA

Combination of all Fire Suppression System Class IIIa thru IIId Certification Exams
(FSS Class IIIa thru IIId Exams)
(Note 2)

To meet the Exam Requirements for FSS Class I, the applicant must successfully complete all 41 required NICET work elements for FSS Class IIIa thru IIId. The 41 work elements required are as follows:

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53011 – FOAM WATER I
53012 – CARBON DIOXIDE I
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
54007 – HALON 1301 I
54008 – DRY CHEMICAL I
54011 – VISUAL INSPECTION OF CYLINDERS
54014 – INERGEN (IG– 541)
54015 – FM-200 (HFC-227ea)
54016 – FE-13 (HFC-23)
54017 – ROOM INTERGRITY/FAN TESTING
54018 – ENGINEERING DRAWINGS AND SUBMITTALS
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
55011 – FINAL ACCEPTANCE TEST FOR AHJ
56001 – HEAT-SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME-SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56005 – FOAM WATER II
56006 – HALON 1301 II
56007 – CARBON DIOXIDE II
56008 – DRY CHEMICAL II
56014 – INERGEN (IG-541)
56015 – FE-13 (HFC-23)
56016 – FM-200 (HFC-227ea)

Fire Suppression System Class IV Certification Examination (FSS Class IV Exam)

The Fire Suppression System Class IV Certification Exam is based on NFPA 13D.

Section 3 – Reference Material

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 13D -	Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes
NFPA 13R -	Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height
NFPA 14 -	Standard for Standpipe, Private Hydrant and Hose Systems
NFPA 16 -	Standard for Foam-Water Sprinkler Systems and Foam Water Spray Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 20 -	Standard for the Installation of Stationary Fire Pumps for Fire Protection
NFPA 22 -	Standard for Water Tanks for Private Fire Protection
NFPA 24 -	Standard for Installation of Private Fire Service Mains and Their Appurtenances
NFPA 25 -	Inspection, Testing and Maintenance of Water Based Fire Protection Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Sprinkler Systems and Special Hazards Program Detail Manuals for additional suggested references.

Note 1 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Automatic Sprinkler System Layout, will be considered an equivalent to the FSS Class II Exam.

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology subfield of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

Note 3 – Successful completion of NICET work element 13026, Dwelling Sprinklers shall be considered an equivalent to the FSS Class IV Exam.

CLASS VIII

FIRE SUPPRESSION SYSTEM CERTIFICATE
(RESERVED FOR IN-HOUSE LICENSEE'S)

Section 1 – Scope of work which may be performed

A Class VIII Fire Suppression System Certificate will allow the certificate holder to perform inspection, testing and maintenance service of wholly owned or proprietary fire suppression systems.

Section 2 – Examination Requirements

State Fire Prevention Regulations Examination (SFPR Exam)

The State Fire Prevention Regulations Exam is based on the State Fire Prevention Regulations. The purpose of this exam is to test for knowledge of the Delaware State Fire Prevention Regulations.

Fire Suppression System Class II Certification Examination (FSS Class II Exam)
(Note 1)

The Fire Suppression System Class II Certification Exam is an exam consisting of questions from the following 37 NICET work elements. Successful completion of this exam requires passing all 37 work elements.

11001 – PLANS, SPECIFICATIONS AND CONTRACTS
11002 – LAYOUT SIMPLE DESIGNS
11003 – NFPA STANDARDS
11004 – BASICS OF SPRINKLER SYSTEMS
11005 – BASIC MATERIALS AND COMPONENTS
13001 – CONSTRUCTION PLANS
13002 – FIRE PROTECTION PLANS AND SYMBOLS
13005 – BASICS OF SYSTEM LAYOUT
13006 – CLASSIFICATIONS OF OCCUPANCIES
13007 – WATER SUPPLY REQUIREMENTS
13008 – SYSTEM CONNECTIONS
13009 – SYSTEM PIPING CONFIGURATIONS, SCHEDULES AND SIZES
13010 – REQUIREMENTS OF SPACING
13011 – SPRINKLER LOCATION AND POSITION
13012 – PIPE JOINING TECHNIQUES AND FITTINGS
13013 – PIPE HANGERS AND HANGING
13014 – WET AND DRY SYSTEMS
13015 – HYDRAULIC CALCULATIONS OF SYSTEMS
13016 – UNDERGROUND PIPING
13017 – BUILDING CODES
13023 – SPECIAL SPRINKLERS
13024 – WATER FLOW TEST
13025 – FUNDAMENTALS OF HYDRAULICS
14002 – SELECTION OF FIRE PUMPS
14004 – PUMP FLOW TEST
14005 – HIGH PILED STORAGE
14006 – RACK STORAGE
14007 – SPRINKLER SYSTEM MAINTENANCE
14009 – STANDPIPE SYSTEMS
14010 – FIRE PUMPS AND SYSTEMS
14011 – STORAGE TANKS
14012 – ALARMS AND SYSTEM SUPERVISION
14013 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
14016 – SURVEYS FOR FIRE PROTECTION
15005 – SHOP AND ERECTION DRAWINGS
15007 – SYSTEM ACCEPTANCE TESTS
15016 – HYDRAULIC DESIGN AREA

Combination of all Fire Suppression System Class IIIa thru IIId Certification Exams
(FSS Class IIIa thru IIId Exams)
(Notes 2 and 3)

To meet the Exam Requirements for FSS Class I, the applicant must successfully complete all 41 required NICET work elements for FSS Class IIIa thru IIId. The 41 work elements required are as follows:

51001 – SIMPLE PLANS AND SPECIFICATIONS
51002 – NFPA STANDARDS
51003 – SPRINKLER SUPPRESSION SYSTEMS
51005 – STANDARD SYMBOLS
52004 – LAYOUT SIMPLE DESIGNS
53002 – HAZARD ANALYSIS
53003 – DETECTION METHODS
53004 – FUNDAMENTALS OF FIRE EXTINGUISHMENT
53005 – EXTINGUISHING AGENTS I
53006 – SMOKE-SENSING DETECTORS
53007 – ELECTRICAL INSTALLATION STANDARDS
53008 – SPECIAL HAZARDS SYSTEMS INSPECTION
53010 – HEAT-SENSING DETECTORS
53011 – FOAM WATER I
53012 – CARBON DIOXIDE I
53016 – INTERCONNECTION WITH EXTINGUISHING SYSTEMS
54005 – FLAME DETECTORS
54006 – FIRE GAS DETECTORS
54007 – HALON 1301 I
54008 – DRY CHEMICAL I
54011 – VISUAL INSPECTION OF CYLINDERS
54014 – INERGEN (IG– 541)
54015 – FM-200 (HFC-227ea)
54016 – FE-13 (HFC-23)
54017 – ROOM INTERGRITY/FAN TESTING
54018 – ENGINEERING DRAWINGS AND SUBMITTALS
55001 – CONSTRUCTION PLANS
55003 – SYSTEM PIPING REQUIREMENTS
55004 – NOZZLE AND TANK LOCATION
55011 – FINAL ACCEPTANCE TEST FOR AHJ
56001 – HEAT-SENSING PROTECTION SYSTEMS
56002 – SMOKE-SENSING PROTECTION SYSTEMS
56003 – FLAME-SENSING PROTECTION SYSTEMS
56004 – FIRE DETECTING SYSTEMS
56005 – FOAM WATER II
56006 – HALON 1301 II
56007 – CARBON DIOXIDE II
56008 – DRY CHEMICAL II
56014 – INERGEN (IG-541)
56015 – FE-13 (HFC-23)
56016 – FM-200 (HFC-227ea)

Fire Suppression System Class IV Certification Examination (FSS Class IV Exam)
(Note 4)

The Fire Suppression System Class IV Certification Exam is based on NFPA 13D.

Section 3 – Reference Material

SFPR	Delaware State Fire Prevention Regulations
NFPA 11 -	Standard for Foam Extinguishing Systems
NFPA 11A -	Standard for Medium- & High Expansion Foam Systems
NFPA 12 -	Standard on Carbon Dioxide Extinguishing Systems
NFPA 12A -	Standard on Halon 1301 Extinguishing Systems
NFPA 13 -	Standard for the Installation of Sprinkler Systems
NFPA 13D -	Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes
NFPA 13R -	Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height
NFPA 14 -	Standard for Standpipe, Private Hydrant and Hose Systems
NFPA 16 -	Standard for Foam-Water Sprinkler Systems and Foam Water Spray Systems
NFPA 17 -	Standard for Dry Chemical Extinguishing Systems
NFPA 17A -	Standard on Wet Chemical Extinguishing Systems
NFPA 20 -	Standard for the Installation of Stationary Fire Pumps for Fire Protection
NFPA 22 -	Standard for Water Tanks for Private Fire Protection
NFPA 24 -	Standard for Installation of Private Fire Service Mains and Their Appurtenances
NFPA 25 -	Inspection, Testing and Maintenance of Water Based Fire Protection Systems
NFPA 70 -	National Electric Code
NFPA 72 -	National Alarm Code
NFPA 75 -	Electronic Computer/Data Processing Equipment
NFPA 101 -	Life Safety Code
NFPA 170 -	Fire Safety Symbols
NFPA 230 -	Fire Protection of Storage
NFPA 409 -	Standard on Aircraft Hangars
NFPA 750 -	Water Mist Fire Protection Systems
NFPA 2001 -	Standard on Clean Agent Fire Extinguishing Systems

See the NICET Sprinkler Systems and Special Hazards Program Detail Manuals for additional suggested references.

Note 1 – NICET Certification to Level III in Fire Protection Engineering Technology, Subfield of Automatic Sprinkler System Layout, will be considered an equivalent to the FSS Class II Exam.

Note 2 – NICET Certification to Level III in Fire Protection Engineering Technology, subfield of Special Hazards System Layout, will be considered an equivalent to the FSS Class III Exams.

Note 3 – Class III Certification will not be required for those In-House Licensee's that are not inspecting, testing or maintaining special hazards systems.

Note 4 – Class IV Certification will not be required for those In-House Licensee's that are not inspecting, testing or maintaining fire suppression systems in one and two family dwellings.

SELECTED GENERAL REFERENCES

(Provided by NICET)

Annual Book of ASTM Standards. American Society for Testing and Materials. Philadelphia, PA.

Bryan, John L. Automatic Sprinklers & Standpipe Systems. National Fire Protection Association. Quincy, MA.

Bryan, John L. Fire Suppression And Detection Systems. MacMillan Publishing Company, Inc. New York, NY.

Bryan, John L. Fire Suppression And Detection Systems, 2nd Edition. MacMillan Publishing Company, Inc. New York, NY.

Clough, Richard H. Construction Contracting. John Wiley & Sons, Inc. New York, NY.

Code of Federal Register
29 CFR, Part 1910, Part 1926. 49 CFR, Part 170-179.

Dunham, Clarence W. and Robert D. Young. Contracts, Specifications and Law for Engineers. McGraw-Hill. New York, NY.

Electrical Construction Materials Directory. Underwriters Laboratories, Inc. Northbrook, IL.

Evaluating Process Plant Buildings for External Explosions and Fires. American Institute of Chemical Engineers (AICE). New York, NY.

Fire Alarm Signaling Systems (FASS-94). National Fire Protection Association. Quincy, MA.

Fire Protection Equipment Directory. Underwriters Laboratories, Inc. Northbrook, IL.

Fire Protection Handbook. National Fire Protection Association. Quincy, MA.

Fire Protection Hydraulics and Water Supply Requirements. Oklahoma State University. Stillwater, OK. (Work Elements 13015 and 15014).

Fire Protection Through Modern Building Codes. American Iron and Steele Institute. Washington, DC (Work Element 13017)

Fire Sprinkler Guide. National Fire Sprinkler Association. Patterson, NY.

Fundamental Principles of Mathematics Applied to the Fire Service (Manual #401). International Fire Service Training Association, Stillwater, OK.

General Industry – OSHA Safety and Health Standards Digest. (OSHA 2201) U.S. Department of Labor. Washington, DC. (Available from U.S. Government Printing Office or OSHA).

Guide for Service, Maintenance, Inspection, Test and Re-qualification of Fire Suppression Systems Containers. Fire Suppression Systems Association. Baltimore, MD.

Guide for Sprinkler Plan Review. National Fire Sprinkler Association. Patterson, NY.

Handbook of Industrial Loss Prevention. Factory Mutual Engineering Corp. McGraw-Hill. New York, NY.

Hazardous Materials Compliance Pocketbook. J.J. Keller & Associates, Inc. Neenah, WI.

IRI Information Sheets & Interpretive Guides. Industrial Risk Insurers. Hartford, CT.

National Fire Codes. National Fire Protection Association. Quincy, MA.

Plan Review and Checklist for Fire Sprinklers and Standpipe Systems. American Fire Sprinkler Association, Dallas, TX.

Standards for Visual Inspection of Steel Compressed Gas Cylinders (CGA C-6). Compressed Gas Association. Alexandria, VA.

Transient Voltage Suppression (DB-450.5). Harris Semiconductor Division of Harris Corporation, Melbourne, FL. (Call 1-800-442-7747).

Note 1 : This listing is not intended to be complete or representative.

Note 2 : NFPA Selected References of NICET for editions can be found on NICET Web site @ http://www.nicet.org/nicetmanuals/firespk.pdf and http://www.nicet.org/nicetmanuals/suppress.pdf

Note 3: In all cases, we suggest that the most current edition of the publication be used.