



TechNotes

Editor - Roland Asp, CET

#478

12/28/2021

This Edition of TechNotes is a summary of the technical resources available to our members through the NFSA's website by Michael Joanis, PE.

The [NFSA's](#) website includes several options for members to search and acquire technical information. With over 100 years of providing industry leading technical resources to our members, I bet if you have a sprinkler question, we have addressed it through one, if not several, of our technical resources. Here are some examples of how to find these resources on our web site.

First, it is important when you access the website to ensure you are [signed in](#) as a member. Being signed in provides full access to all the available technical resources. This page provides an opportunity to immediately sign in if you know your username and password. There are also options available for help signing in or an opportunity to create a new user account. When creating a new account, use your work email with the email extension that matches those of your company and then select the member company name. This will allow the system to confirm you are an employee of the member company and approve your new user account. If you have any problems logging in, you can always contact NFSA member services at membership@nfsa.org for assistance.

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Once you are logged in, stop by the [my account page](#) to review and update your [member profile](#). This provides you with the opportunity to manage your contact information, preferences, invoices, registrations, certificates, as well as your Expert Of the Day submissions and responses.

A good place to start when you have a technical question is our [code tracker page](#). This page will allow you to search states and local jurisdictions to review applicable building codes, fire codes, and NFPA standards. When you have a technical question, it is always good practice to ensure you know the applicable codes and standards for the jurisdiction where the project is located. Technical requirements can vary based on the codes and standards adopted by the jurisdiction where the work is being performed.



**MAINTAINING FIRE PROTECTION
SYSTEMS HELPS MAINTAIN SAFETY.**



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There is a [resources page](#) that provides links to several NFSA technical resources including our [guides](#), whitepapers, and [product advisories](#). Our technical blog posts can be found [here](#) as well.

The National Fire Sprinkler Magazine archives can be found [here](#) along with archived copies of [TechNotes](#). These articles can also be [searched](#). When searching, try to be as specific as possible. A search for a broad topic such as NFPA 13 will return many hits, while a search for seismic bracing will be much more specific.

NFSA Subject Index Document Search Results	
Please click on document below to download.	
SQ 129 Winter 2004	Seismic Bracing - When Clearance is Needed (Retraction in Spring 2005)
ET 109 03/04/08	Seismic Bracing for Pipe Stands
ET 183 7/6/10	Question 13- Supporting a Seismic Separation Assembly



FIRE PROTECTION WALL MOUNT NITROGEN GENERATORS

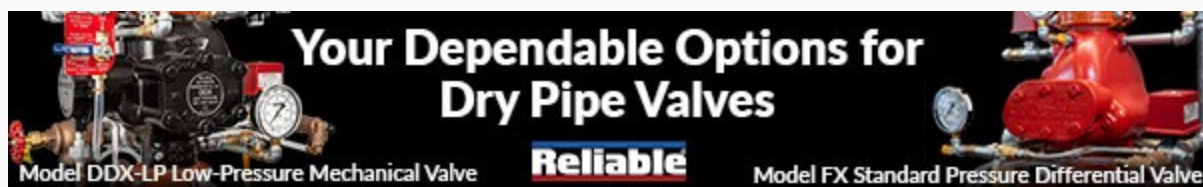
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One of the best resources for answers to your technical questions is the [Expert of the Day \(EOD\) Handbook](#). If you have a technical question, there is a really good chance others have had the same question. Such questions have been provided technical responses and these are available in the EOD handbooks. The EOD handbooks are a great resource for fire sprinkler contractors, layout technicians, engineers, authorities having jurisdiction, inspectors, and students. It includes three hardcover books and a searchable electronic index with 1,530 pages covering 2,288 questions on 745 topics. These questions were asked by NFSA members and answered by NFSA's subject matter experts through the Expert of the Day (EOD) program and published in TechNotes. NFSA subject matter experts represent a broad range of fire sprinkler knowledge and representation in the industry including professional engineers, NICET certified in water-based layout technicians, NICET certified in inspection and testing, master code professionals, and certified building officials experienced in fire sprinkler systems. The questions and answers cover the model building and fire codes as well as NFPA standards including 1, 11, 13, 13R, 13D, 14, 15, 16, 20, 22, 24, 25, 30, 72, 101, 409, and 5000. The EOD Handbook is a valuable resource that taps the extensive knowledge of the NFSA experts.



There is also an opportunity to collaborate with your peers in the [NFSA Community](#). Members can use the [Fastest Water Forum](#) to ask questions, share ideas, and collaborate with other NFSA members. This forum gives you access to the collective experience and knowledge base of all our members. It provides opportunities to share your questions and obtain valuable feedback.



The ultimate option to address your technical questions is to submit an [Expert of the Day \(EOD\) request](#). You can ask a technical question that will be reviewed and answered by NFSA's subject matter experts through the Expert of the Day (EOD) program. Responses are usually provided within one business day. The full description of the process to submit an EOD can be found [here](#).

SUBMIT A NEW EOD QUESTION

CASE DETAILS

Case Subject/Title * Question Delaying Project
 Yes No

NFPA Standard
 All

Edition
 All

Section

ICC Code (If Applicable)

Other Codes (If Applicable)

Please summarize your question using 350 Characters (~50 words) or less - Additional background, clarification, and attachments can be provided in the Next Step *

Is it acceptable to interpolate the Table 10.2.7.1.2 maximum allowable distances of the deflector above the bottom of an obstruction when applying the beam rule?

NFSA's technical staff and resources are consistently ranked as the number one member benefit. As outlined above, we make every effort to make those resources available to our members in many different formats. We encourage you to explore these benefits and take advantage of all NFSA membership has to offer. These technical resources and member benefits directly support our mission "to protect lives and property from fire through the wide-spread acceptance of the fire sprinkler concept."



Learning and Development



Learning Branches: Tradeoffs and Tradeups – IBC/IFC

Fire sprinkler systems provide economical and material tradeoffs in the model codes. This program covers many of the 125+ tradeups in the 2018 and 2021 International Building Code and International Fire Code that are relevant to fire sprinkler contractors, architects, and code officials. This course covers many of the long serving trade ups in the model codes, the financial benefits of trade ups for building designers and building owners, and tools to convince customers and communities that fire sprinkler systems and trade ups save lives, property and money which benefit everyone that uses current codes.

When: Jan 24, 2022 from 01:00 PM to 02:00 PM (ET)

Associated with Learning and Development



Layout Technician Training

The purpose of the layout technician course is to take a person with basic knowledge of math, physical science and drafting skills and teach them to be productive basic sprinkler layout and detailing technicians. All of the work elements necessary for NICET Level II Certification will be covered by the course including sprinkler selection, sprinkler spacing and location, obstructions to sprinklers, water supplies (public mains, tanks and pumps), hydraulic calculation of sprinkler systems, and standpipe system layout and calculation.

Layout Tech Training - Virtual Training Class

Layout Tech - Blended Practicum

LAST CHANCE TO COMPLETE PRACTICUM

Jan 25 - Feb 17, 2022

[Register Here](#)

Feb 9 - Feb 17, 2022

[Register Here](#)

National Fire Sprinkler Association

514 Progress Dr, Ste A,
Linthicum Heights, MD 21090
1-800-683-NFSA (6372)



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