

Ensuring Fire Safety Designs Prevent Fires

Do you have concerns the design methods being used for fire protection in some of your projects today will actually **prevent major fires? I mean the fires that cause fatalities and large economic losses.** In this video, I will address this question and provide you with some insights. - Slide 2

Fire safety designs today include "engineered solutions," also known as performance-based designs. But the quality of these methods are sometimes questionable? These solutions are derived by using large computer model simulations and risk analysis. You may sometimes question the validity of these tools, and the large amount of data these tools require? Can they always substitute good engineering judgement? – Slide 3

The answer to achieving reliable solutions lies in quality assurance. These engineering tools, and the data they use, must be verified and validated. Have these technical methods being used been addressed in an international standard, such as those of ISO? Have the ISO standards been adopted in your country and referenced in national regulations? – Slide 4

Are conformity assessment methods in place to ensure compliance with these international standards? I hope the answer to these questions are positive. This framework for fire safety is essential for quality assurance. These engineering tools can be misused and lead to faulty designs. - Slide 5

Please also view the videos on ISO fire safety standards, and verification & validation which I have prepared. You may find more information on this topic at the company website, www.deytecinc.com. Deytec, Inc. USA is an expert on ISO fire safety engineering standards. In fact, the company represents the American National Standards Institute at the ISO fire safety engineering committee. Its principal consultant serves as a Chair (Convenor) in that ISO committee. – Slide 6

Assisting national governments and standardization bodies on developing this framework is the core business of Deytec, Inc. USA. The company specifically provides consultation on the use of ISO standards and conformity assessment methods. We can provide expert advice to you. The goal of Deytec, Inc. USA is to assist you in **preventing major fires due to faulty fire safety designs** – Slide 7

You will receive a free copy of the script and slides of this video once you sign up for the informative newsletter on fire safety engineering at the website. – Slide 8

Please contact us if you have any questions about the content of this video, or fire safety engineering in general. And, don't forget to view the other two videos. Thank you for listening. – Slide 9