

**American Institute of Chemical Engineers,
Cleveland Section**

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Wednesday, May 12, 2021, Social login at 6:30 PM, Presentation at 7:00 PM

Joint Meeting with ISA Cleveland Section:
“An Introduction to Intrinsic Safety”

By: Michael Klayman, INERIS level 1E intrinsic safety certification

Abstract: The presentation will cover the various ways of classifying hazardous areas in an industrial manufacturing facility, including how an explosion occurs and how to prevent it. It will explain how different areas are classified depending on the associated risks, including the various gasses and dusts present, as well as how temperature affects the classification. Differences in barrier types will be covered with a focus on intrinsic safety. The presentation closes with some real-world examples of hazardous applications and how barriers isolate the electrical signals safely.

Speaker Bio: Michael Klayman graduated with a B.S. degree from the Rochester Institute of Technology and has served as the technical support engineer for *PR electronics* for almost 8 years. He works out of their Chicago office of PR electronics. *PR electronics* is one of the leading manufacturers of signal conditioner and intrinsically safe barriers with a home base in Denmark and a worldwide distribution. They have a total installed base of more than 5,000,000 units. Michael is involved in daily application and technical support on a wide array of topics. As part of his education at *PR electronics*, he has undergone extensive training on intrinsic safety and intrinsically safe barriers and holds an INERIS level 1E intrinsic safety certification.

Meeting Location: *ISA Society link for the meeting RSVP:*

Please note in your registration that you are a member of AIChE

[Link to the Application for the Meeting](#)

Location: Virtual Meeting via Microsoft Teams

Select--> [Download Microsoft Teams](#)

6:30 - 7:00 pm: Social Time

7:00 - 8:30 pm: Program

with Questions & Answers

Cost: No cost for the Microsoft Teams Download or use of the software

Menu: (Virtual Meeting, no meal)

Reservations: Your reservation MUST have your e-mail address in order for you to receive the link to join the Microsoft Teams meeting. This link will be sent to you. Your reservation must be in no later than **5:00 P.M. Monday May 10, 2021.** No Exceptions.



**Cleveland Section 017 of
THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
Steering Committee 2020 - 2021**

