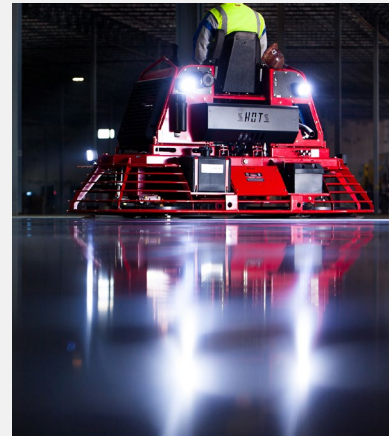
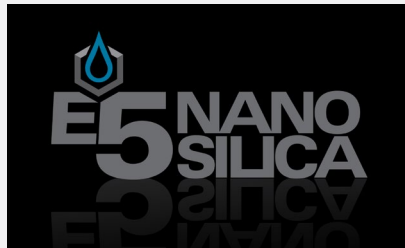


LUNCH AND LEARN PROGRAM:

Nano Silica in Concrete

Nano technology has revolutionized many industries over the last 2 decades! It is now exploding in the concrete industry, giving us solutions to age old concrete problems like crusting, curling, shrinkage and bleeding, while curing the concrete from the inside out. In addition, it is helping us lower the carbon footprint of the most widely used building material in the world. The presentation will explain the science behind the products and then show real job examples of it in action.


- Nano Technology – particle size
- Chemical reactions
- Curing Methods
- Carbon Footprint Savings
- Waterproofing

**PRESENTED BY:**

JIM RENDER

Consultant
E5, Inc.

Jim Render is a graduate civil engineer from Auburn University. He is a concrete industry veteran of 45 years with work experience in Ready Mix Concrete, Admixtures, and Cement. He has a thorough understanding of the concrete industry and its problems. He has been a concrete consultant for the past 6 years.

DATE AND TIME:**THURSDAY, MARCH 7, 2024****12:00 pm – 1:00 pm***Lunch provided.***Please RSVP:** Call Terrie Vowles at 419-897-6000 [Link to registration form](#)

Participants may self report credits.

Kuhlman University
1845 Indian Wood Circle,
Maumee, OH 43537