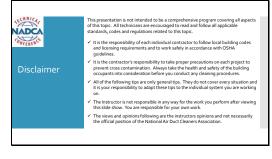


#### Slide 2

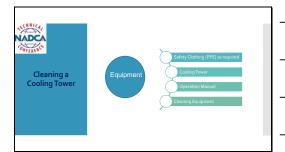




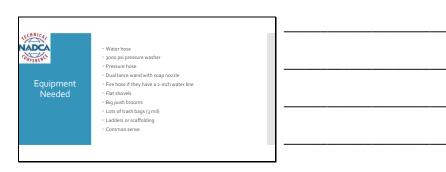
Kevin Uilkie, ASCS, CVI



# Slide 4 NADCA CONFERENCE Safety Personal Safety Public Safety The safety and responsibilities can not be stressed enough when microbial infection is involved. Legionella is real. Slide 5 NADCA CONFERENCE Personal Safety- Gloves and waterproof coveralls are used to protect your skin from biocides in the circulating water. Recommendations for cleaning- Wear gloves, waterproof shoes (rubber boots) and waterproof coveralls (Tyvek suits), and a half face respirator with P2 grade twin filter. Cooling Tower Cleaning 102 Slide 6 **Cooling Tower Cleaning** NADCA The most effective way of avoiding all the problems encountered with a cooling tower is a regular and thorough manual washout every six months. During the cleaning process the public must be kept out of the operational area, and sprays must be confined to the operational area.



## Slide 8







- Expensive breakdowns, Legionella, inefficiencies, and increased running costs can mostly be attributed to poor maintenance.

## Slide 11



- Maintain the system's efficiency.
- Determine that the system is complete and operating correctly.

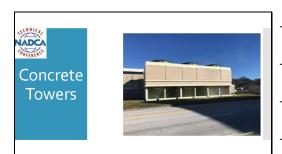
  Remove the need to do corrective repairs.

  Maintain bacteria at safe levels.

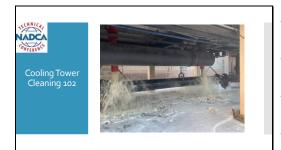





## Slide 14

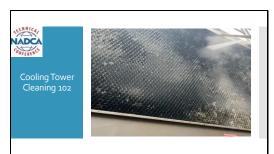


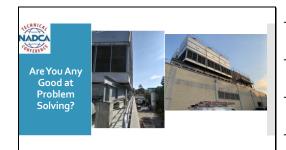




## Slide 17







## Slide 20

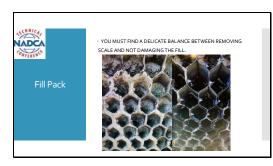






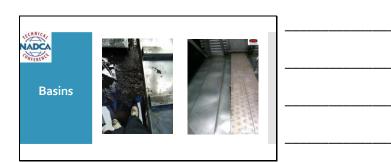
## Slide 23







## Slide 26









## Slide 29







## Slide 32







## Slide 35





Slide 37





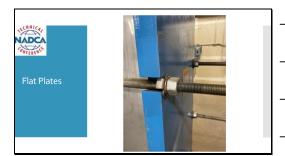




## Slide 41



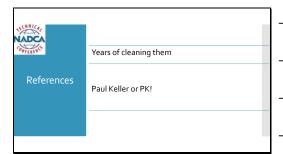




## Slide 44

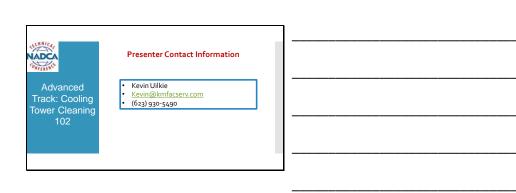






#### Slide 47





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Thank you
for
Participating!

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