



15014 – Level III Core *Advanced Hydraulic Calculations*

7940 B Clio Rd.
Centerville, OH 45459
Ph. 937.434.FIRE (3473)
Fx. 937.395.3543

OUTLINE for ADVANCED HYDRAULIC CALCULATIONS

- Figure On “Velocity Pressure”
- Table On “Friction Loss In Pipe”
- Table Giving “Values Of K”
- Table On “Hazen-Williams Factors”
- Table On “Conversion Factors For C”
- Table On “Friction Loss Vs. Flow Rate”

Advanced Hydraulic Sprinkler Calculations by Fire Tech Productions

- “Velocity Pressure”
- “Flow Balancing”
- “Flow Through a Loop”

Example Problems

- Velocity Pressure Problem
- Flow Balancing Problem:
- Flow Through a Loop Problem
- Hazen-Williams Friction Loss Problem

References:

NFPA Fire Protection Handbook

Hosts: Dave Craynon & Lisa Salzman

- Dave is a 42 year Sprinkler expert and holds NICET certifications in Automatic Sprinkler System Layout, Special Hazards Suppression Systems and Inspection and Testing of Water Based Systems.
- Lisa has over 20 years experience in the IT and Training fields and has a Master’s Degree in Computer Science

Live Webinar Presentation:

- Estimated Webinar Time: 60 minutes
- Internet Access and Phone Line Needed