

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

YES

2. How will it change the way you operate, design, or maintain steam systems?

3. What was the best part?

- EXAMPLES & LAB EXPERIMENTS

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

VERY WELL EXPLAINED.

5. How do you think the information presented will help prevent accidents?

- IF YOU HAVE WATER HAMMER SOLVE THE SITUATION BEFORE TRYING AGAIN, IF YOU GET THE CHANCE

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?  
ABSOLUTELY! WITHIN THE FIRST 10 MINS EVEN.
2. How will it change the way you operate, design, or maintain steam systems?  
MORE CONSIDERATION & THOUGHT INTO MY PIPING DESIGN & LAYOUTS.
3. What was the best part?  
THE WHOLE DAY.
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)  
NONE.
5. How do you think the information presented will help prevent accidents?  
IT WILL HELP IN DESIGN, BUT IT WON'T HELP IF CLIENTS CUT CORNERS & COSTS!

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company

IMV Projects Scott Peterson

Date:

April 30

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

*This was the best seminar I've been to.*

2. How will it change the way you operate, design, or maintain steam systems?

*I have a much greater appreciation of the way to design steam systems*

3. What was the best part?

*Your enthusiasm for the topic*

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

\_\_\_\_\_

5. How do you think the information presented will help prevent accidents?

*I hope to do a better job*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

ABSOLUTELY. THIS IS A GREAT SEMINAR.

2. How will it change the way you operate, design, or maintain steam systems?

I DO NOT DO O&M. I'LL MAKE<sup>SURE</sup> MY DESIGNERS DESIGN STEAM TRAPS PROPERLY AND SPECIFY THE RIGHT EQUIPMENT.

3. What was the best part?

THE WHOLE ~~SEMINAR~~ SEMINAR IS GOOD. THE ANIMATION ~~AND~~ AND LAB VIDEOS ARE MOST USEFUL.

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

ABSOLUTELY NOT. EVERYTHING WAS WELL EXPLAINED.

5. How do you think the information presented will help prevent accidents?

BY PROVIDING DESIGNERS AND OPERATORS ~~A~~ A GOOD UNDERSTANDING OF THE CONDENSATE~~-~~-INDUCED WATER HAMMER PHENOMENON, AND THE DO'S AND DON'TS,

~~WE~~ WE CAN GREATLY REDUCE~~D~~ THE RISK OF ACCIDENTS.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Y

2. How will it change the way you operate, design, or maintain steam systems?

A ~~REVIEW~~ PIPING CONFIGURATION CHECK

3. What was the best part?

ANSWERS FOR EVERY QUESTION.

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

N.

5. How do you think the information presented will help prevent accidents?

DESIGN CONSIDERATIONS & DESIGN IMPROVEMENT.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

DEFINITELY ... WATER HAMMER NEEDS TO BE CONSIDERED IN EVERY DESIGN, GOOD INFORMATION PRESENTED

2. How will it change the way you operate, design, or maintain steam systems?

- MORE AWARE OF TRAP LOCATIONS
- DRAIN LOCATIONS ARE IMPORTANT
- SCOPE OF PIPELINES NEEDS TO BE CHECKED
- WATCH OUT FOR BUCKET PUMP RATINGS.
- GOOD INFO ON TEMP. GUNS (INFRARED)

3. What was the best part?

- VIDEOS SHOWING ACTUAL HAMMER SITUATIONS
- GOOD SLIDE PRESENTATION

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

— PRESENTED WELL FOR ENGS AUDIENCE

5. How do you think the information presented will help prevent accidents?

- ~~GR~~ GREAT COURSE, AT LEAST GETS ENGINEERS THINKING OF WATER HAMMER SITUATIONS AND HOW TO PREVENT WITH DESIGN

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

BECAUSE I HAVE SEEN PROBLEMS RELATED WITH WATER HAMMER IN THE PAST AND I HAVE LEARN MORE

2. How will it change the way you operate, design, or maintain steam systems?

~~MOST OF THE~~ A LOT BECAUSE WE BASICALLY HAVE TO SELECT THE TRAPS FOR WATER HAMMER AND IF WE SELECT THE WRONG WE COULD HAVE AN ACCIDENT

3. What was the best part?

ALL THE MOVIES THAT SHOW ~~THE PROBLEMS~~ WHAT HAPPEN:

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

NO

5. How do you think the information presented will help prevent accidents?

A LOT BECAUSE NOW I KNOW THAT THAT IF THE START OF A SYSTEM IS NOT DESIGN WELL PEOPLE COULD DIS

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?  
YES
2. How will it change the way you operate, design, or maintain steam systems?  
WATER HAMMERING PROBLEMS should be considered  
During Design & Engineering stage.
3. What was the best part?  
Experiment of water hammer, presentation.
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)  
Excellent presentation. With my little or no  
knowledge, I understand a lot from  
presentation. Thanks.
5. How do you think the information presented will help prevent accidents?  
I believe a lot. Really important to know as  
an Engineer

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?  
*Yes, could have been shorter though - very good work done, very knowledgeable.*
2. How will it change the way you operate, design, or maintain steam systems?
3. What was the best part?  
*Explanation of practical examples. Enjoyed the math/derivations.*
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)  
*Talking about how the water in the slides was "supposed to be blue, but the projector made it look white."*
5. How do you think the information presented will help prevent accidents?  
*Absolutely. Thank-you very much!*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

*It must be nice to educate others to save lives/money.*

## What'd You think?

1. Most Important Question: Was this seminar worth your time? *sure, As a lead of operators, I always had to train them for hammering problem*
2. How will it change the way you operate, design, or maintain steam systems?  
*I knew many things for handling of hammering problem  
But I think that I really need this training course.*
3. What was the best part?  
*showing theoretical phenomena in a laboratory scale,  
in tube.*
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)  
*Not at all*
5. How do you think the information presented will help prevent accidents?  
*When you know the caused problem you can prevent  
accident. 1*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes

2. How will it change the way you operate, design, or maintain steam systems?

♥ Design to avoid/minimize W.H.

3. What was the best part?

The cold hard science

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

5. How do you think the information presented will help prevent accidents?

Hopefully all IMV steam systems will be designed perfectly of course, but knowledge of the mechanisms and potential consequences of W.H. can be integrated into steam system design

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company IMV

Date: No

APRIL 20/07

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

YES

2. How will it change the way you operate, design, or maintain steam systems?

3. What was the best part?

Case studies and Wayne's presentation skills

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

5. How do you think the information presented will help prevent accidents?

My website is <sup>Wayne</sup> [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?  
*Yes - keep in mind that IMV's policy is to pay for the course fee, but attendees attend on their own time.*
2. How will it change the way you operate, design, or maintain steam systems?  
*Ensure that good isolation valves are accessible from the main header.*
3. What was the best part?  
*Differentiating between slugs vs. hammer forces.*
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)  
*No.*
5. How do you think the information presented will help prevent accidents?  
*Proper piping design will be verified before construction - The "operability" aspect of Hazops.*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes

2. How will it change the way you operate, design, or maintain steam systems?

Give more consideration to the effects of the system  
+ what the capabilities + consequences of water <sup>hand</sup>

3. What was the best part?

Seeing real world examples of both best practice  
+ worst practice

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

No, Good mix of theory + real world examples.  
Wish we had longer time to see more examples

5. How do you think the information presented will help prevent accidents?

Yes

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes definitely

2. How will it change the way you operate, design, or maintain steam systems?

Cautious & learn more about it

3. What was the best part?

The real life situation example

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

None

5. How do you think the information presented will help prevent accidents?

A must for all operator

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company IMV

Date: Apr 20/2007

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

*Yes, very much.*

2. How will it change the way you operate, design, or maintain steam systems?

*Now I realize importance and dangers of water hammer in piping systems.*

3. What was the best part?

*Very well thought of Husein presentation. No weak points in my opinion.*

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

*No*

5. How do you think the information presented will help prevent accidents?

*see pt. 2*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?  
- Yes
2. How will it change the way you operate, design, or maintain steam systems?  
- More aware of steam / condensate interaction.
3. What was the best part?  
- Model demonstrations.
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)  
- None - although additional discussion on steam traps and condensate return system can also be considered.
5. How do you think the information presented will help prevent accidents?  
- Better awareness of the hazard on steam.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company IMV Proj

Date: Apr 20 '07

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes

2. How will it change the way you operate, design, or maintain steam systems?

Be more careful about locating steam traps  
& block valves on steam/steam condensate line.

3. What was the best part?

Live examples.

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

5. How do you think the information presented will help prevent accidents?

Ask the right question ~~when~~ or at least  
the proper questions.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes

2. How will it change the way you operate, design, or maintain steam systems?

Design point of view  
operating point of view

3. What was the best part?

distinguishing between shry & steam,  
forces of shry & steam hammer.

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

No.

5. How do you think the information presented will help prevent accidents?

Proper design of water drains.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company IMV

Date: 4/20/07

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

yes

2. How will it change the way you operate, design, or maintain steam systems?

Won't.

3. What was the best part?

demonstration (video)

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

No

5. How do you think the information presented will help prevent accidents?

will help me <sup>better</sup> explain to operators mechanism  
and scope of danger.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

YES.

2. How will it change the way you operate, design, or maintain steam systems?

DESIGN TO PREVENT WATER HAMMER.

3. What was the best part?

DISCUSSION ON CONDENSATION INDUCED WATER  
HAMMER <sup>COMPLETE</sup> WITH LABORATORY EXPERIMENTS  
AND ACTUAL EXAMPLES.

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

MOSTLY ON THERMODYNAMICS AS I'M  
MORE OF STRUCTURAL ENGR.

5. How do you think the information presented will help prevent accidents?

JUST MADE USE MORE AWARE OF  
THE CAUSES OF WATER HAMMER.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company IMV

Date: 20 April 07

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes

2. How will it change the way you operate, design, or maintain steam systems?

Pay more attention to details

3. What was the best part?

Everything

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

/

5. How do you think the information presented will help prevent accidents?

Awareness.

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company Imv projects

Date: 20 April

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

*I got useful information about water hammer*

2. How will it change the way you operate, design, or maintain steam systems?

*good to know some points help in design*

3. What was the best part?

*good media presentation*

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

*not specifically*

5. How do you think the information presented will help prevent accidents?

*certainly it helps*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Definitely

2. How will it change the way you operate, design, or maintain steam systems?

Now have meaningful knowledge of steam piping systems

3. What was the best part?

Interaction with instructor

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

As a structural engineer much of this was beyond me, however, I thought it very informative and thought provoking.

5. How do you think the information presented will help prevent accidents?

Enlighten piping designers to best-design-practices

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

Yes

2. How will it change the way you operate, design, or maintain steam systems?

It will help in the design of the steam system I am working on

3. What was the best part?

The explanation of the computer demonstrations

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

No, everything was pretty well explained

5. How do you think the information presented will help prevent accidents?

Being aware<sup>of</sup> the scenarios presented can help in future design & prevent potential accidents in the future

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company imv projects

Date: 20 April 07

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

*Yes sem of course.*

2. How will it change the way you operate, design, or maintain steam systems?

*more Careful.*

3. What was the best part?

*All parts were interesting for me.*

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

*no.*

5. How do you think the information presented will help prevent accidents?

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company Imv

Date: 20 APR 07

### What'd You think?

- 1. Most Important Question: Was this seminar worth your time? Y
- 2. How will it change the way you operate, design, or maintain steam systems? N

3. What was the best part?

VIDEO DEMONSTRATIONS OF  
HAMMER DYNAMICS

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

N

5. How do you think the information presented will help prevent accidents?

INFO SUPPLEMENT  
CURRENT UNDERSTANDING  
- REVISES STARTUP PROCEDURES  
TO INCLUDE MORE SPECIFIC DETAILS

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

SINCERE  
THANKS.

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

*Yes*

2. How will it change the way you operate, design, or maintain steam systems?

*Steam safety: waterhammer problem*

3. What was the best part?

*ⓐ Condensation induced waterhammer  
ⓑ Accident examples*

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

*No.*

5. How do you think the information presented will help prevent accidents?

*Take right procedures to operate  
Correct design*

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company \_\_\_\_\_

Date: 4/19/07

What'd You think?

*I think you're adorable*

1. Most Important Question: Was this seminar worth your time?
  
2. How will it change the way you operate, design, or maintain steam systems?
  
3. What was the best part?
  
4. Was there something you didn't understand or that was a waste of time? (Please specify which.)
  
5. How do you think the information presented will help prevent accidents?

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.

Company IMV

Date: April 20/07

## What'd You think?

1. Most Important Question: Was this seminar worth your time?

yes

2. How will it change the way you operate, design, or maintain steam systems?

Don't assume sloped free drain design is enough to keep it safe

3. What was the best part?

You're a really good teacher  
- make things very clear

4. Was there something you didn't understand or that was a waste of time? (Please specify which.)

No

5. How do you think the information presented will help prevent accidents?

My website is [www.kirsner.org](http://www.kirsner.org). You can find published articles about the material presented in this seminar on the articles page. If you would like to email me with a question or comment, my address is on the website.