

# EVAL

1. Seminar was well worth time.  
Will try to get you to present at  
SUBASE new London

2. Will definitely change way I design but I  
will try to influence way we operate as well

3. Best part - visualization of the condenser  
induced water hammer in glass piping video

4. Useful part? Cant think of one.

5. Anything did cover? You mentioned  
other water hammer phenomena - would  
have been interested in a quick list of  
overviews.

6. Info will help prevent accidents definitely  
it already has as I told you in the  
incident on base where 8" valve bonnet blew  
about 4 years ago.

1. Seminar definitely worth my time ... plus as an engineer I provided target practice for the steam fitters ;)
2. We actually have pretty good design practice now with a decent understanding of what you put out to us. But your visuals gave me a much better understanding of why we use the design practices we do!
3. Best part: the Lab video of the u-shaped clear tube w/ water hammer and frame by frame display. Excellent.
4. useless part? Don't think there was any
- 5.
6. Prevent accidents: I feel our steam guys are actually very knowledgeable -- we should give this training to command-level management to illustrate the dangers.

P.S. Wayne, very nice job. Excellent training.

401-841 8-11-11  
1. Worth Your Time

Very Much, VERY GOOD INFO

2. Will in Chg Maint, start up procedures  
Yes

3. Best Part  
Water Hammer EXPLANATION  
Start Clp Procedure

4. Worse Part  
EQUIPMENT Failure

5. DID NOT COVER  
NOT Sure

6. Prevent Accident: Yes

1 yes

2 yes

3 start up

4 no

5. no

6 yes it will

~~(and time)~~ And old timers told us open up valve  
and be O.K.

1. Absolutely
2. Yes
3. It was all very good
4. No
5. I don't think so
6. Hopefully

THANK YOU

I used to be a pipefitter in the utility crew and could have used this 12 yrs. ago. It answered many questions for me.

1) YES

2) YES

3) ~~THE WHOLE SEMINAR WAS GREAT.~~

4) NO

5) NO

6) YES

1. Yes, It taught me how to be safe during start ups
2. It will help me to remember what steps to take before I open a valve
3. The steps, in order, to take before opening a valve.
4. The calculations to determine things. That for the engineers
5. No
6. Yes

1. YES
2. YES
3. EVERYTHING
4. ALL GOOD
5. NO
6. YES



1. YES

2. YES

3. START UP PROCEDURES

4. NO

5. NO

6. YES ✓

1. YES

2. YES

3. START UP PROCEDURES

4. NO

5. NO

6. YES ✓

1. Yes

2. Yes

3. Start-up

4. NO

5. NO

6. Yes

① Yes it was

② I sure Hope so

③

④ NOT AT ALL

⑤ I Don't Know.

6. I sure Hope so

1. Yes. WAS A Reminder of PAST Knowledge AND INCREASED  
my Knowledge of PROPER PROC.

2. Yes.

3. DRAWINGS AND QUESTIONS TO MAKE YOU THINK

4. NOT REALLY.

5. NOT MUCH.

6. Yes.

1 very Good

2 YES

3 YES

4 NO

5 Every thing

6 YES

1. Yes
2. Hopefully, - yes
3. Demonstrations (films, Diagrams)
4. ✓
5. ✓
6. Very possibly

- I think handouts would help - for future reference when designing or thinking about situations.

Thanks - good job

1. Yes
2. Yes
3. STEAM START-UP PROCEDURES
4. No
5. No
6. Yes



# What'd You Think

1. Was this seminar worth your time  
Yes, very informative, clearly presented

2. Yes. Gives some fresh ideas

3. The whole thing

4. No

5. No

6. Yes

1. THIS WAS A VERY GOOD CLASS BUT THERE WAS NO HAND OUT SHEETS. ALSO I HAVE NO EXPERIENCE (LITTLE) EXPER. THIS IS GOOD FOR MORE EXPERIENCE PERSON
2. I AM MORE AWARE OF HOW DANGEROUS STEAM SYSTEM ARE
3. ALL THIS CLASS WAS GOOD INFORMATION
4. NO.
5. NO. IT WENT IN DETAIL THOUGH THIS WOULD BE LESSON
6. YES MORE AWARE HOW DANGEROUS STEAM IS

1. Was seminar worth your time: yes, it will help us operate steam systems in a safe manner.
2. yes, it will help us improve our current procedures
3. physical experiments to demonstrate points of seminar.
4. none
5. no
- 6.

① - YES WELL WORTH, THE TIME

② - YES

③ - ALL VERY ~~ARE~~ INFORMATIVE

④ - LOOPED SYSTEM

⑤ - NO

⑥ - YES IT WILL

15 / 100 = 15%  $\frac{10}{2}$  2.6  
What did you think

- 1) yes I like the section on water hammer and heat transfer
- 2) yes to some extent
- 3) water hammer heat transfer
- 4)

1. Definitely worth the time
2. More aware of system ops.
3. The theory of water hammer
4. NO
5. No
6. Yes, more aware

Good

YES

ONLY IF MANAGEMENT WILL ALLOW

LEARNING

ALOT

YES

- 1) YES, THE SEMINAR WAS WORTH MY TIME
- 2) YES, IT WILL CHANGE THE WAY I DESIGN STEAM SYSTEMS
- 3) THE BEST PART WAS SEEING THE DAMAGE DONE TO VALVES
- 4) THE USELESS PART WAS CRUSHING THE CAN.
- 5) YOU DIDN'T COVER PROBLEMS WITH LIFTING CONDENSATE
- 6) YES, THE INFORMATION CAN PREVENT AN ACCIDENT.