

Health Hazards Survey Results

| CLASS               | Do you like receiving all these certifications in one day of class? | What was your biggest take-away from the class?                                      | Do you think you could have got this much info in another format or through another program?         | Have you ever tried to research these topics all together yourself? | Do you know of any resources that would have educated you on all these different topics? |  | Scale of 1 - 10: | Health Hazards Handout | Health Hazards PowerPoint | Health Hazards Videos | How well did the instructor help you understand the material?                              | My remodel company: (mark all that apply)  |  |
|---------------------|---|--|--|---|--|--|------------------|------------------------|---------------------------|-----------------------|--|--|--|
| 2015.9.11<br>Edmond | Yes   | The amount of info   | no   | yes - some of them, but it can be confusing                         | no   |  |                  | 9                      | 9                         | 9                     | great job  | remodel work, has homeowners do renovation of lead and asbestos before we start the job  |  |
|                     | Yes   | Safety awareness   | no   | no  | no   |  |                  | 10                     | 10                        | 9                     | 9 out of 10  | n/a  |  |
|                     | Yes   | need to review the book and zero in on the activities I'm likely to be involved with | maybe?   | no  | no   |  |                  | 8                      | 8                         | 8                     | quite well   | does remodel work  |  |
|                     | yes   | lots of risk   | possible   | yes   | no   |  |                  | 10                     | 9                         | 9                     | very well  | does remodel work  |  |
|                     | yes   | the cost of ignorance is about 10x the cost of the equipment                         | maybe online   | no  | no   |  |                  | 8                      | 9                         | 8                     | 9 out of 10  | does remodel work, does abatement work, has a written respirator program and selection chart, does respirator fit testing and training, does all renovation work in full face respirator with P100 filters |  |
|                     | yes   | Import of ACM from other countries into US   | no   | never thought to try  | no   |  |                  | 9                      | 8                         | 10                    | 9 out of 10  | a Certified Firm with the DOC, a Certified Firm with EPA, has homeowners do renovation of lead and asbestos before we start the job  |  |
|                     | Yes   | What PPE is available, and the cost and materials needed to be compliant with L&I    | no   | yes   | no   |  |                  | 9                      | 9                         | 9                     | 9 out of 10  | does remodel work, does all renovation work in full face respirators with P100 filters   |  |
|                     | Yes   | dry-decontamination  | no, its a lot of information. class helped simplify things that if looking by myself I would be lost | yes   | no, but I'm so happy I attended this course - I learned a lot                            |  |                  | 10                     | 10                        | 10                    | 10 out of 10, she speak clearly and loudly which helps since english is my second language | does remodel work, does all renovation work in full face respirators with P100 filters   |  |

| CLASS   | How valuable is receiving multiple certifications in one day of training | What was your biggest take-away from the class?   | Were you aware of all the agencies and regulations involved for each topic before this class? | What other resources have you used to research these topics yourself? | What is your biggest barrier to getting training to your employees? | Is there any technical info you think is incorrect or could be clarified about worker's safety requirements? | Scale of 1 - 10: | Health Hazards Handout | Health Hazards PowerPoint | Health Hazards Videos | How well did the instructor help you understand the material?              | My remodel company: (mark all that apply)   |  |
|---|--|---|---|---|---|--|------------------|------------------------|---------------------------|-----------------------|--|---|--|
| 2015.1<br>0.8<br>Governor's<br>Safety<br>Conference | very   | there is a lot of work I have to do, but i have a good platform to work from  | no  | OSHA, DOSH  | Knowing the available resources and the right resources             | No   |                  | 10                     | 10                        | 9                     | 9  | Does remodel work, has AHERA surveys for all remodel projects we do, has training in Mold remediation by an IICRC S20, has a written respirator program and selection chart, does respirator fit testing and training annually submits a form to a local clean air authority for projects containing asbestos |  |
|   | not sure   | learning about the hazards of mold, lead, asbestos and silica and how to protect employees from these hazards                       | no  | self-reading, such as L&I materials                                   | N/A   | No   |                  | 10                     | 9                         | 8                     | 10   | n/a   |  |
|   | very valuable  | I work with DOSH and it was really interesting to hear about all the other agencies that have a hand in regulating these substances | No, Not at all!   | L&I website, scientific literature, textbooks, google                 | N/A   | No   |                  | 10                     | 9                         | 10                    | 10- EXCELLENT! Kris is extremely engaging, knowledgeable and inspirational | n/a   |  |
|   | very   | higher respect for PPE  | No  | Other asbestos training through employer                              | N/A   | No   |                  | 8                      | 9                         | 9                     | 10   | n/a   |  |
|   | excellent  | lots of rules   | no  | internet and technical seminars                                       | time  | No   |                  | 10                     | 10                        | 10 (when updated)     | 10   | n/a   |  |
|   | minor  | worker safety awareness   | No  | online classes  | leadership involvement  | No   |                  | 8                      | 5                         | 6                     | 10   | n/a   |  |
|   | very   | handout and website   | some  | L&I, EPA, Ecology, Orcaa  | time and money  | no   |                  | 10                     | 10                        | 10                    | 10   | 5, 10, 11, 13   |  |
|   | very   | the handout is very well done and concise   | yes   | WAC codes, training materials   | time off from jobs, getting them there                              | no   |                  | 10                     | 10                        | 10                    | 10   | 10, 11  |  |
|   | good. saves time and informs people who do not otherwise have the time   | Use your PPE!!  | No  | L&I   | time and money  | nope, great job  |                  | 10                     | 10                        | 10                    | 10   | n/a   |  |
|   | not very valuable. prefer multiple shorter days                          | that there are lots of resources to help small contractors comply with the standard   | no  | Fed OSHA, and classes in college                                      | time and money  | unknown  |                  | 7                      | 7                         | 9                     | 8  | n/a   |  |
|   | very good  | very good general training  | No  | L&I website   | none  | no   |                  | 10                     | 10                        | 10                    | 10   | I work for an insurance company   |  |
|   |  |   |   |   |   |  |                  |                        |                           |                       |  |   |  |

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| CLASS                            | How valuable is receiving multiple certifications in one day of training | What was your biggest take-away from the class?                      | Were you aware of all the agencies and regulations involved for each topic before this class? | What other resources have you used to research these topics yourself? | What is your biggest barrier to getting training to your employees? | Is there any technical info you think is incorrect or could be clarified about worker's safety requirements? | Scale of 1 - 10: | Health Hazards Handout | Health Hazards PowerPoint | Health Hazards Videos | How well did the instructor help you understand the material? | My remodel company: (mark all that apply)  |   |
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| 2015.1<br>0.23<br>CTD<br>Spokane | extremely  | safety   |   |   |   |  |                  | 9                      | 9                         | 9                     | 9   |  |   |
|                                  | very   | lead regulations   | asbestos - yes; not for other hazards   |   | cost; class availability  |  |                  | 10                     | 9                         | 9                     | 10  | A registered asbestos abatement contractor, does asbestos medical surveillance on workers, does respirator fit testing and training annually                                 |   |
|                                  | very valuable and learned a lot  | learning different methods and what I need to make my company better | yes   | internet  | time and money  | no   |                  | 10                     | 10                        | 10                    | 10  | does remodel work  |   |
|                                  | extremely valuable   | dangers of silica  | mostly  | L&I website, clean air, asbestos class                                | coming up with a solid plan and executing it                        | No   |                  | 10                     | 10                        | 10                    | 10  | does remodel work, does respirator fit testing and training annually   |   |
|                                  |  |  | for asbestos yes, not the others  |   |   |  |                  | 10                     | 10                        | 10                    | 10  |  | I am the laboratory manager of mountain laboratories testing asbestos. This was very informational for me. I really enjoyed this class and learned things I did not know. |
|                                  |  |  |   |   |   |  |                  | 10                     | 10                        | 10                    | 10  |  | I am not a contractor so this survey would be difficult to fill out. I work for an asbestos testing lab.  |
|                                  | very   |  | most  | L&I   |   | No   |                  | 10                     | 10                        | 10                    | 10  | does remodel work  |   |
|                                  | It is great  | containment and testing  |   | internet  | \$\$  |  |                  | 9                      | 9                         | 9                     | 9   | does remodel work, a certified firm with Dept. of Commerce, a certified firm with EPA  |   |
|                                  | 1 to 10 its a 10   | time to get a new job  | yes   | internet  | having employees  | no   |                  | 10                     | 10                        | 10                    | 10  | does remodel work, certified firm with Dept. of Commerce & EPA, has had training in Mold remediation, monitors for silica, does all renovation work in full face respirators |   |
|                                  | very good  | wa state rules on top of EPA and OSHA                                | no  | RRP certification   | time  | no   |                  | 9                      | 9                         | 9                     | 9   | does remodel work, certified firm with Dept. of Commerce & EPA,  | subcontracts abatement work and asbestos testing  |
|                                  | very   | air monitoring   | yes   | SHBA  | materials   |  |                  | 10                     | 10                        | 10                    | 10  | does remodel work  |   |
|                                  | very valuable  | the requirements for asbestos for all projects                       | no  | Dept. of the interior and secretary of the interior standards         | N/A   | from a historic preservation perspective, no pressure washing /sand blasting lead paint                      |                  | 8                      | 7                         | 6                     | 10  | does remodel work  |   |
|                                  | valuable - it saves time   | actual cost of renovations   | no - had no idea  | past contractor training events                                       | importance of safety  | no   |                  | 9                      | 9                         | 9                     | 10  | does remodel work, monitors for silica exposure over the PEL and updates respirator selection  |   |
|                                  |  | be concerned about safety for other people                           | no  | L&I website   | demand = not enough jobs with lead                                  |  |                  |                        |                           |                       |   |  |   |

|  |                                      |   |   |  |   |  |  |     |  |   |   |  |                                       |
|--|--------------------------------------|---|---|--|---|--|--|-----|--|---|---|--|---------------------------------------|
|  | very                                 | the volume of regulations   | somewhat, but not completely  | none   | time, cost and awareness  |  |  | 7   | 7  | 8   | 9   | does remodel work  |                                       |
|  | very                                 | not to do asbestos removal  | no  | EPA Website                                    | N/A   | no   |  | 10  | 10   | 10  | 10  | does respirator fit testing and training annually.   |                                       |
|  | lots of exposure                     | scary stuff   | no  | none   | no employees / cost   | no   |  |     |  |   |   |  |                                       |
|  | valuable - it saves me a lot of time | the actual cost of renovations  | no - had no idea  | the past contractor training events            | the cost and importance of safety   | no   |  | 8   | 10   | 10  | 8   |  | loved the video gave me a better view |
|  |                                      | it was everything for me. I had no idea about this at all   | no I was not  | I have not researched anything on this         | I'm not sure  |  |  | 10  | 10   | 10  | 10  | all  |                                       |
|  |                                      | materials available through NICA  | no  | interent                                       | costs. loss of productivity   | no   |  | 12  | 10   | 8   | 10  | 11, 12,  |                                       |
|  |                                      | it was a great introduction into what I need to do as an employer to start renovating hazards materials | I was vaguely aware. I've been an employee on lead jobs, but I've never seen the information from an employer's point of view | researching online. talking to home inspectors | financial obstructions  | very thorough, in my limited experience seems solid enough |  | 8.5 | 6 (I was paying more attention to the presenter than the PowerPoint)                 | 9 (they scared the shit out of me. I'd call that effective) | 9 (concise and thorough)                                      | 2, 3   |                                       |
|  | extremely useful                     | asbestos required on every renovation regardless of when built  | definitely not  | just L&I website, but only briefly             | I don't have any employees, but my guess would be personal knowledge first. | owner worker vs. employee rules                            |  | 8   | good. the slides with WACS and RCW could be removed or moved to end as a master list | 8   | 10  | has homeowners do renovation of lead and asbestos before we start the job.   |                                       |
|  | not sure                             | asbestos is very expensive to get involved into   | more than not. Have taken LEAD training course  | lead training, EPA L&I, on the job training    | time, profitability, and how often we'll be involved in these instances     | n/a  |  | 10  | 5  | 7   | 10  | does abatement work, certified firm with Dept. of Commerce and EPA, does BLL tests, written respirator program, does testing and training, renovation work with full face respirators, submits a form to local clean air authority for asbestos projects |                                       |
|  | very                                 | clarification of regulations  | no  | OSHA, L&I, RRP Training                        | understanding of what they need   | no   |  | 9   | 9  | 10  | 10  | certified firm with Dept. of Commerce, written respirator program, respirator fit testing and training   |                                       |
|  | very                                 | education about asbestos and lead   | no  | internet                                       | costs   | No   |  | 10  | 8  | 10  | 9   | has homeowners do renovation of lead and asbestos before we start the job.   |                                       |
|  | absolutely huge value                | if you are not going to be an asbestos abatement contractor you CANNOT DO ASBESTOS WORK                 | no  | personal interviews with contractors           | cost  | limited experience   |  | 8   | 9  | 9   | helpful - pointed directives to working through jobs to avoid |  |                                       |

| CLASS 11/13/2015 CTD RENTON | How valuable is receiving multiple certifications in one day of training                        | What was your biggest take-away from the class?  | Were you aware of all the agencies and regulations involved for each topic before this class? | What other resources have you used to research these topics yourself? | What is your biggest barrier to getting training to your employees? | Is there any technical info you think is incorrect or could be clarified about worker's safety requirements | Scale of 1 - 10: | Health Hazards Handout | Health Hazards PowerPoint | Health Hazards Videos | How well did the instructor help you understand the material? | My remodel company: (mark all that apply)   |  |
|-----------------------------|---|--|---|---|---|---|------------------|------------------------|---------------------------|-----------------------|---|---|--|
|                             | Invaluable  | Where a respirator   | some  | online safety resources   | I am not the employer caring  | no  |                  | 10                     | 10                        | 10                    | 10  | does remodel work   |  |
|                             | Not to much information   | required PPE   | No, Not at all!   | none  |   | No  |                  | 10                     | 10                        | 10                    | 10  | does remodel work   |  |
|                             | very valuable   | even though I was doing everything right I was not inspections required                        | nope  | the internet  | time  | nope  |                  | 9                      | 9                         | 9                     | 9   | does remodel work, a certified firm with Dept. of Commerce,   |  |
|                             |   | need respirators for the silica based stuff  | no  | web   |   | none  |                  | 8                      | 8                         | 8                     | 10  | does remodel work   | Assessing cost vs prevention and losing jobs when customers view bid   |
|                             | it was really valuable  | being aware of the laws  | no'   | none  |   | no  |                  | 10                     | 10                        | 10                    | 10  |   |  |
|                             | very  | a lot the knowledge of all of the above  | no  | online  | reliable sources  | no  |                  | 10                     | 10                        | 10                    | 10  | does remodel work   |  |
|                             | very valuable   | had no idea silica is that dangerous everything  | no  | none  |   |   |                  | 10                     | 10                        | 10                    | 10  | does remodel work   |  |
|                             | v. good   | need more certified  | no  |   | NA  | no  |                  | 10                     | 10                        | 10                    | 10  | does remodel work, a certified firm with EPA  |  |
|                             | very  | learning more  | no  | L&I website   | nothing   |   |                  | 9                      | 9                         | 10                    | 8   | does remodel work   |  |
|                             | great helpful   | mold is in substrate, learned I need to certify my LLC with Dept of Commerce, re Pb Renovation | no  | Am a certified Pb Renovator   | N/A (no employees)  |   |                  | 10                     |                           | 10                    | 10  | does remodel work, does all work with full face respirators and P100 filters                        | Is AHERA Investigation required for all activity? What about a paint job with no scraping or sanding? or on a structure that is not PB positive? |
|                             | very convenient   | work practices that I'm not in compliance with   | Vaguely   | none  | cost  | no  |                  | 10                     | 10                        | 10                    | 10  | does remodel work, a certified firm with Dept. of Commerce, a certified firm with EPA               |  |
|                             | extremely, makes my job much safer without missing a lot of work time that most can't afford to | How common illness really is and the long term effects of working with these dusts             | Not even close to the regs, but I knew of most agencies                                       | L&I website as well as browsing                                       | I am an employee  | No it was a very good class   |                  | 8                      | 10                        | 5                     | 10  | does remodel work, has a written respirator program and selection chart based on monitored exposure |  |
|                             | great   | how to start the process and requirements  | No  | none  | time is the issue   |   |                  | 9                      | 9                         | 10                    | 10  | does remodel work, certified firm with Dept. of Commerce  |  |
|                             | very- training education time away from making money  |  |   |   | no employees  |   |                  | 9                      | 9                         | 10                    | 8   | does remodel work   |  |
|                             | very nice, convenient   | there are many regulations but they seem to be useful  | not all   | the internet  | I'm not an employer   | no  |                  | 9                      | 8                         | 7                     | 9   |   |  |

|  |   |   |    |                        |                                    |    |  |    |   |    |    |                   |  |
|--|---|---|----|------------------------|------------------------------------|----|--|----|---|----|----|-------------------|--|
|  | very, saves time while learning essential knowledge | protection and identifying lead, silica, mold, and asbestos | no | internet               | communication                      |    |  | 10 | 8 | 10 | 10 |                   |  |
|  | came for the knowledge, will review certs needed    | I do all this, will be over priced on most jobs             | no | other contractors, L&I | enough work flow to feed employees | no |  | 10 | 8 | 9  | 10 | does remodel work | powerpoint often changes before all info can be read |

|            |                                   | Students | Companies |  |
|------------|-----------------------------------|----------|-----------|--|
| 2015.1.16  | Olympia                           | 4        | 4         |  |
| 2015.2.6   | Seattle                           | 23       | 21        |  |
| 2015.3.27  | Wenatchee                         | 4        | 4         |  |
| 2015.5.5   | CSD                               | 15       | 10        |  |
| 2015.5.15  | Bellevue                          | 17       | 12        |  |
| 2015.6.26  | Skagit                            | 9        | 8         |  |
| 2015.9.11  | Edmonds                           | 14       | 12        |  |
| 1015.10.8  | GSD                               | 34       | 26        |  |
| 2015.10.23 | Spokane                           | 31       | 26        |  |
| 2015.11.13 | Renton                            | 32       | 28        |  |
|            |                                   | 183      | 151       |  |
|            |                                   |          |           |  |
| 2015.3.2-3 | BIAW Meeting Outreach             | 40       | 40        |  |
| 2015.11.12 | SHBA Remodelers Council           | 16       | 12        |  |
| 2015.11.18 | MBAKS Remodelers Council (Est 60) | 50       | 30        |  |
|            |                                   |          |           |  |
|            |                                   | 106      | 82        |  |
|            |                                   |          |           |  |
|            |                                   | 289      | 233       |  |