



- Partners of the Event:**
- MCSC - Manitoba Construction Sector Council
 - WCB - Workers Compensation Board of Manitoba
 - Boilermakers Local 555
 - Plumbers & Pipefitters Local Union 254
 - IBEW - International Brotherhood of Electrical Workers
 - Bit Space Development Ltd.

Name of the Event: IBEW 2085 Plumber & Pipefitters Tech Pilot

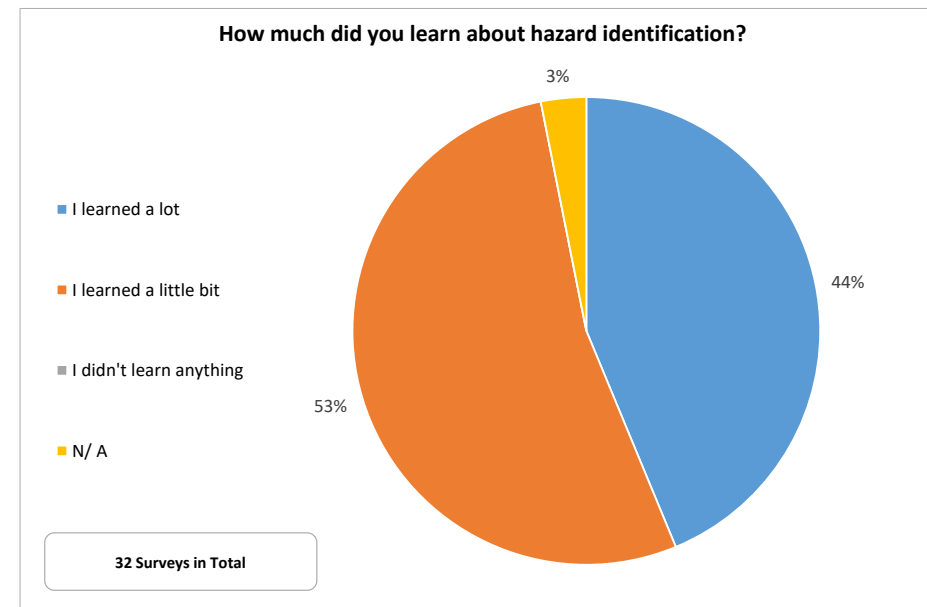
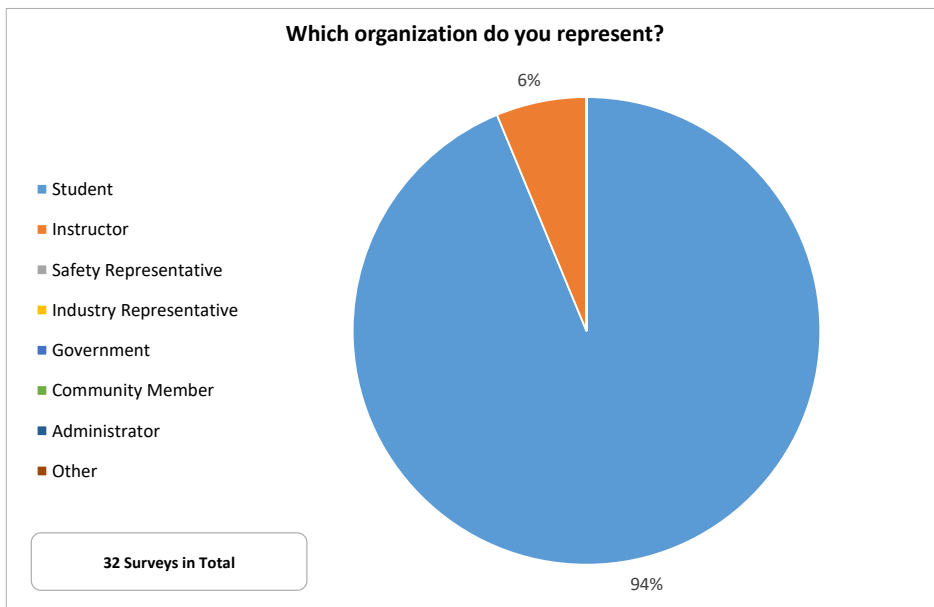
Surveys Received: 32

Location of the Event: Plumbers & Pipefitters Local Union 254

Date(s) of the Event: 2018-02-13

Survey Code	Which of the following do you represent?								
	Student	Instructor	Safety Representative	Industry Representative	Government	Community Member	Administrator	Other	Be Specific
0001	✓								
0002		✓							
0003	✓								
0004	✓								
0005	✓								
0006	✓								
0007	✓								
0008	✓								
0009	✓								
0010	✓								
0011	✓								
0012	✓								
0013	✓								
0014	✓								
0015	✓								
0016	✓								
0017	✓								
0018	✓								
0019	✓								
0020	✓								
0021	✓								
0022	✓								
0023		✓							
0024	✓								
0025	✓								
0026	✓								
0027	✓								
0028	✓								
0029	✓								
0030	✓								
0031	✓								
0032	✓								
TOTAL:	30	2	0	0	0	0	0	0	

Student Code	How much did you learn about hazard identification?			
	I learned a lot	I learned a little bit	I didn't learn anything	N/A
0001	✓			
0002	✓			
0003	✓			
0004		✓		
0005		✓		
0006		✓		
0007				✓
0008		✓		
0009	✓			
0010	✓			
0011	✓			
0012		✓		
0013		✓		
0014		✓		
0015		✓		
0016		✓		
0017	✓			
0018	✓			
0019		✓		
0020	✓			
0021		✓		
0022		✓		
0023	✓			
0024		✓		
0025		✓		
0026	✓			
0027	✓			
0028		✓		
0029	✓			
0030	✓			
0031		✓		
0032		✓		
TOTAL:	14	17	0	1





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Part 2		What do you like about using Virtual Reality to teach safety?	
0001	I like that it covers everything that some instructors might forget to cover	0017	It is great to learn a different way other than just a pen and paper
0002	Can be in a safe place and spot hazards Can use the site to identify other job related tools, supplies, and find more interesting ways to relate material	0018	Hands on It is fun It is cool
0003	Visually teaching Show potential hazards on jobsite without leaving class	0019	Realistic
0004	It is more into the tech for the new students or new generation incoming	0020	Feels like I am in a video game Don't have to sit and listen
0005	Gives a new way of teaching as if you are really there	0021	It is more realistic experience
0006	I like the idea of teaching this way using text	0022	It is actually pretty helpful The tips help out a lot and what to check and look at for
0007	Easy to identify safety hazards	0023	Visuals are good No age requirement
0008	It is good but on site would be better	0024	It teaches you a lot and what your perspective is
0009	It feels realistic Helps me learn faster Helps teach safety	0025	I think it helps a lot with learning
0010	I like that it takes to job sites It shows good tips and points	0026	Get real interactive experience on a job sight, without putting yourself in a dangerous environment
0011	More interactive Interesting	0027	A lot more quicker to explain More safety points while there is pictures to go with it
0012	Seeing it like real life The info bars	0028	You can see where you went to go Read on safety
0013	It is cool	0029	It is almost hands on
0014	It feels realistic Feels like I am in job site Cool	0030	Shows hazards / how to avoid them Made learning fun More comprehension due to visual AIDES
0015	In-depth approach Better than sitting in a classroom	0031	I enjoy that it feels like you are on the jobsite, better than reading out of books more interactive
0016	Shows different points of view Shows hazards	0032	I like that it 360 view There is info on the circles



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Part 3 How could this technology be best used?			
0001	This technology could best be used by students who never been on a jobsite before and don't know proper site safety	0017	It could be a very good was to show dangerous situations in a work environment
0002	Use this for tools Demo's to follow lessons	0018	Safety
0003	How to operate machinery How to preform tasks	0019	Safety
0004	For teaching new students or apprentice to see an actual workplace	0020	For safety Teaching
0005	Maybe if you could get some hand controllers and have some tasks to do to go with	0021	In classroom when teaching safety It can show do's and don'ts
0006	I feel like it should be used a little differently	0022	In this kind of world field, it is a boost to know what you are going to be facing while going out for work
0007	Yes, it will for hands on training, but not on the job. A warm up before the job	0023	Schools, try-a-trades Trade recruitment
0008	One class for beginners	0024	Be showing how effective it is
0009	For class to teach safety	0025	To show how the jobsites would look like before going
0010	Could be best used in class Could be best used at have to learn out of class	0026	In a school course
0011	Safety shows a jobsite for new learners and young people	0027	Safety meetings Blueprint layouts
0012	Safety	0028	Teach safety View other hazards
0013	Safety	0029	In the classroom
0014	Games Safety tips Hands on experience	0030	In a class setting Presentations To do safety videos
0015	Keeping people interested n workplace safety	0031	In classes all people looking and working together on the main frame and teaching
0016	Safety Shows safety concerns	0032	For people that think about join in the war



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Part 4		What changes would you recommend to make this resource more effective?	
0001	I would try to decrease the motion sickness I got from it	0017	Maybe label each circle with numbers to make navigation easier
0002	N / A	0018	N / A
0003	N / A	0019	Headphone to hear machinery Be able to walk around
0004	Have the workers actually show what is going on instead of a still picture	0020	Nothing
0005	I felt that it was a little bit too dark	0021	If it would show people doing unsafe staff
0006	I feel like there needs to be more staff or just more levels	0022	A simulation on what to do and what not to do
0007	N / A	0023	Have instructor view, so it could facilitate walking through the module with students
0008	As long as it is in class, OK. However on site would be more educational	0024	I would recommend to use them more often
0009	A little more clearer The headset is a little wobbly	0025	Have more in the virtual reality with learning
0010	Maybe some tips and safety points could make understandable Maybe a person takes and show you those tips and safety points	0026	Interaction with sounds
0011	Videos Sounds Better resolution	0027	More around
0012	More areas	0028	A lot more info Could use more sites
0013	More areas	0029	More interactive Better direction
0014	More active movement Sound in it	0030	Show different work sites Make it mandated in institutions Use it to show how it can be used in trades
0015	More advanced VR tech More comfortable headsets	0031	N / A
0016	More pints of views	0032	It is good enough