**Attachment C4 – Mine Escape participants: Post-Training Questionnaire**

**Place an "X" in the appropriate box.**

| | Strongly Disagree | Disagree | Neither | Agree | Strongly Agree |
|---|---|---|---|---|---|
| **1.** Today's training… | | | | | |
| a) Included content relevant to mine emergency. | | | | | |
| b) Covered knowledge and skills needed during a real mine emergency. | | | | | |
| c) Reinforced knowledge and skills I learned during previous mine evacuation training. | | | | | |
| d) Made me more confident that I could correctly respond to a real mine emergency. | | | | | |
| e) Helped prepare me to handle a real mine emergency. | | | | | |
| f) Helped prepare me for a future mine evacuation simulation. | | | | | |
| g) Motivated me to learn more about mine evacuation. | | | | | |
| h) Motivated me to be generally more prepared for mine emergencies. | | | | | |
| i) Helped me learn something that could be helpful during a real mine emergency. | | | | | |
| j) Gave me new ways to think about mine evacuation. | | | | | |
| **2.** I would recommend this training to… | | | | | |
| a) Anyone working in a mine. | | | | | |
| b) Anyone who has a genuine interest in mine evacuation. | | | | | |
| c) Other miners who I work with. | | | | | |
| **3.** Regarding the training exercise… | | | | | |
| a) An event like the one presented in this exercise could happen in real life. | | | | | |
| b) The simulated underground mine seemed realistic. | | | | | |
| c) The simulated smoke in the exercise was realistic. | | | | | |
| d) Objectives of the exercise were appropriate and clearly defined. | | | | | |
| e) I understood the directions for the exercise. | | | | | |
| f) The simulation is a good supplement to existing mine evacuation training. | | | | | |
| g) Training in a virtual environment is equivalent to training in an actual underground mine. | | | | | |
| h) More virtual reality exercises like this should be developed and used. | | | | | |

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| *Place an "X" in the appropriate box.* *Rate your confidence in the following areas, from "0" (Completely Unconfident) to "100" (Completely Confident)* | Completely Unconfident | | | | | | | | | | Completely Confident |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

How confident are you that **your simulation team** could, if required, do the following **right now** in a real mine emergency?

| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **4.** Make quick and effective decisions. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **5.** Agree on solutions to difficult problems encountered. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **6.** Readapt team strategy in response to unexpected changes in the environment. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **7.** Assist with each other's responsibilities. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **8.** Maintain clear and efficient communication. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **9.** Monitor each other's work to catch mistakes and provide feedback. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **10.** Maintain a level of trust and confidence in each other. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **11.** Maintain a shared understanding of each other's responsibilities. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **12.** Maintain coordination in performing the tasks at hand. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **13.** Consider teammate input before making an action. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

If you worked a different mine escape scenario in the VR simulator **right now**, how confident are you that **your simulation team** could work the problem…

| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **14.** better than in your previous mine evacuation training. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **15.** almost perfect with reasonable time. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **16.** perfectly with record time. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

How confident are you that **your simulation team** could complete the following **right now** without any mistakes?

| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **17.** A mine evacuation scenario. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **18.** A mine evacuation scenario in a virtual environment. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **19.** Evacuating from a real emergency. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |