

Attachment C9 – Mine Rescue 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 rescue team members. | | | | | |
| b) Covered knowledge and skills needed during a real mine emergency. | | | | | |
| c) Reinforced knowledge and skills I learned during previous mine rescue 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 mine rescue competition. | | | | | |
| g) Motivated me to learn more about mine rescue. | | | | | |
| 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 rescue. | | | | | |
| 2. I would recommend this training to... | | | | | |
| a) Any mine rescue team member. | | | | | |
| b) Anyone who has a genuine interest in mine rescue. | | | | | |
| 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 rescue 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. | | | | | |

Public reporting burden of this collection of information is estimated to average 3 minutes per response, including the time for reviewing and completing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-xxxx).

Attachment C9 – Mine Rescue participants: Post-Training Questionnaire

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 team** could, if required, do the following **right now** in a real mine emergency?

| | | | | | | | | | | | |
|--|---|----|----|----|----|----|----|----|----|----|-----|
| 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 taking an action. | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

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

| | | | | | | | | | | | |
|--|---|----|----|----|----|----|----|----|----|----|-----|
| 14. Be decisive yet flexible | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 15. Be open to input from others | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 16. Have a calming influence on the group | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 17. Make logical decisions | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 18. Know the kinds of decisions that would need to be made | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 19. Know what to do to get the team out safely | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 20. Know what to do to get trapped/injured miners out safely | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

If you worked a different mine rescue problem in the VR simulator **right now**, how confident are you that **your team** could work the problem...

| | | | | | | | | | | | |
|---|---|----|----|----|----|----|----|----|----|----|-----|
| 21. better than how you did during today’s exercise | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 22. almost perfect with reasonable time | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 23. perfectly with record time | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

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

| | | | | | | | | | | | |
|--|---|----|----|----|----|----|----|----|----|----|-----|
| 24. A mine rescue competition problem | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 25. A mine rescue problem in a virtual environment | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 26. Work assigned at a real emergency | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |