

**Attachment C2 - Mine Escape participants: Pre-Training Questionnaire**

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1. Age \_\_\_\_\_

2. Gender:  Male  Female

3. How many years of experience do you have...

As a miner? \_\_\_\_\_

At your mine? \_\_\_\_\_

In your current job? \_\_\_\_\_

4. Which of the following training materials and methods does your mine use for your mine rescue team training? (check all that apply)

- Lectures
- Written materials
- Videos
- Self-guided interactive computer programs
- Demonstrations
- Hands-on training exercises
- Group exercises (e.g., games, problem solving)
- Classroom simulations (e.g., virtual reality)
- Worksite simulations
- Narrative story telling

5. Do you have training or experience with any of the following? (check all that apply)

- Volunteer fire fighting
- Professional fire fighting
- Military emergency response
- EMT/Paramedic
- Mine fire brigade
- Mine rescue team
- Mine responsible person
- Evacuating a mine due to a mine emergency
- Other emergency response related training/experience:

6. Have you ever experienced a virtual reality environment before today?  No  Yes

7. How often does your mine hold safety meetings (e.g., "toolbox talks")? (check one)

- Less than once a month
- Once a month
- Once every 2 weeks
- Once a week
- Several times a week
- Daily
- Several times a day

8. Of all the people training with you today, how many do you interact with AT LEAST once a month outside of work and/or training?

- None
- Maybe 1 or 2
- About half
- Most
- All

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

**On average, how often do the people in your VR team...**

|   | Not at all | Once in a while | Sometimes | Fairly often | Frequently or always |
|---|------------|-----------------|-----------|--------------|----------------------|
| 9. See each other at work?                                    |            |                 |           |              |                      |
| 10. See each other outside of work or training?               |            |                 |           |              |                      |
| <b>How often do you...</b>                                    |            |                 |           |              |                      |
| 11. Play video games? (e.g., computer, Xbox, Playstation)     |            |                 |           |              |                      |
| 12. Spend time on the computer? (e.g., work, internet, games) |            |                 |           |              |                      |

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| <b>Place an "X" in the appropriate box.</b><br>Think about the mine where you work. Rate how much you agree or disagree with each statement below. | Strongly Disagree | Disagree | Neither | Agree | Strongly Agree |
|--|-------------------|----------|---------|-------|----------------|
| <b>Mine management:</b>  |                   |          |         |       |                |
| 39. does a good job of emphasizing emergency preparedness.   |                   |          |         |       |                |
| 40. makes decisions that increase the likelihood of a successful response.   |                   |          |         |       |                |
| 41. prepares for how to handle emergencies before they happen.   |                   |          |         |       |                |
| <b>My work crew:</b>   |                   |          |         |       |                |
| 42. is given the support and resources we need to prepare for an emergency.  |                   |          |         |       |                |
| 43. is encouraged to improve our emergency response skills and abilities.  |                   |          |         |       |                |
| 44. is provided extra training opportunities for interested crew members.  |                   |          |         |       |                |
| <b>Our mine emergency training:</b>  |                   |          |         |       |                |
| 45. is usually realistic and "hands-on".   |                   |          |         |       |                |
| 46. Includes practice using the equipment we would use in a real emergency.  |                   |          |         |       |                |
| 47. has opportunities for constructive feedback from instructors.  |                   |          |         |       |                |
| 48. does a good job of preparing us for a real emergency.  |                   |          |         |       |                |
| <b>At my mine:</b>   |                   |          |         |       |                |
| 49. Production is stopped if there is even a minor chance that an emergency could happen.  |                   |          |         |       |                |
| 50. Mine emergencies are thoroughly investigated no matter what delay it may cause.  |                   |          |         |       |                |
| 51. Preventing a potential emergency is more important than meeting a production goal.   |                   |          |         |       |                |
| <b>In my work crew:</b>  |                   |          |         |       |                |
| 52. We regularly talk about the decisions and issues that would come up during a mine emergency.   |                   |          |         |       |                |
| 53. I would probably be made fun of or ridiculed if I asked questions about our emergency preparedness procedures.                                 |                   |          |         |       |                |
| 54. We remind each other of the need to be prepared for mine emergencies.  |                   |          |         |       |                |