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To: zzMSHA-Standards - Comments to Fed Reg Group
Subject: RIN 1219 AB44

Open Comments:

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D: Refuge chambers: I believe refuge chambers should be mandatory in all mines in the event that miners can not get to the surface.

Mine Arc out of Australia sells the best refuge chamber I have ever seen. GWhittaker@minearc.com.au contact them and they will answer 1-5.

Im not that familiar with the coal industry, but with the last 3 rescues a hole is drilled down to where they believe the miners will be?

- Could this be a good place for a refuge chamber?
- Should there be a hole pre-drilled into these areas with Air & Water lines and communications already down them?
- In the hard rock mines we have multi level mines with escape ways going from level to level using ladders. Could you install escape ways to the surface using a ladder system?

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E: Communication:

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- Start with training, discuss with all the miners at annual refreshers, safety meetings ect, the dangers and harm that bad or wrong communication can cause, because in this day and age you will always have cell phones and there will always be a leak.
- Look at setting up secure e-mail/chat room format: passwords to all that need to be informed, one message, one document, open to comments that will have a time line and will be documented on who said what and when.

#8

- Lets spend some money because with research and good ol American try we can make these PEDS bi-directional.

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I: Mine Rescue Teams

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- Mine Rescue is not an option it's morally and legally the responsibility of the Mine.
- Stronger laws on equipment standards
- If you cant afford to run a well equipped, well trained, mine rescue team they I don't believe you can afford to run a mine.

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