**Attachment G**

**Observation Forms**

**Self-Escape Emergency Project Observation Forms**

This information shall be completed throughout the visit.

| **Equipment/Process** | **Notes** |
| --- | --- |
| **Evacuation Routes**Signage* Clearly signposted
* Lifelines (direction indicators, man doors, SCSR cache, refuge)
* Language/clarity
* Visibility (location, primary field of view)
* Suitable for conditions
* Use of symbols/graphics/visuals
* Location at key decision making points
 |  |
| Evacuation lighting/symbols* Luminance (in likely conditions)
* Visibility (location, primary field of view)
* Use of symbols
* Meaning clarity
* Directional
* Helmets, other
 |  |
| **Mine Maps*** Clear indication of own location
* Clarity of primary/secondary evacuation routes
* Cross overs
* SCSR caches marked
* Escape mechanisms marked (e.g., capsule, elevator)
* Refuge areas
* Mine phones and phone lines
* Colorur coding of areas/symbols
* Quantity /locations of mine maps
* Accuray/updated
 |  |
| **Escape Mechanisms****Transport (e.g., escape pod, elevator, refuge)**Location signageLightingSignage* Reflectivity
* Colorur coding
* Visibility (location, primary field of view)
* Suitable for conditions
* Use of symbols/ graphics/visuals
* Instructional/clarity

Serviceable* Easy to use
* Instructions and practice during drill
 |  |
| **SCSR Cache** Storage area Signage* Clearly signposted
* Clarity of instructions
* Visibility (location, primary field of view)
* Suitable for conditions
* Use of symbols/ graphics/visuals

Serviceable* Easy to use
* Instructions and practice during drill (see observations)
 |  |
| **Team Related**Linking mechanisms to keep togetherSharing equipmentComms: hand signals, radio, etcOther |  |
| **Miner Instructional/Training Displays** * Format
* Sound quality
* Clarity
* Location (visibility, primary field of view)
* Coverage (content)
* Emphasis (e.g. affecting perceptions)
* Suitable for conditions
* Use of symbols
* Quantity/spacing
* Areas of coverage (e.g. elevators, escape routes)
* Location at key escape/refuge points
 |  |
| **Communications**Sound quality, e.g. within:* Elevators
* Escape routes
* Continuous mining areas
* Long wall mining areas
* Refuge
* Moving vehicles (e.g., rail or rubber)

Content of message* Clarity
* Relevance

Communications between:* Escape team members
* Team leader and team members
* With topside – who and what

Emergency comm systemsBackup comms/systems |  |
| **Personnel Location Tracking**Matrix tracking system * Devices present on miner helmets
* Information recorded
* Where and how used
* Ease of use
* Backup system

Sign in/out of mine??* Information recorded
* Where and how used
* Ease of use
 |  |
| **Debrief/Review**Conducted after drillContentLead by:Attended by: |  |