

Emergency Shelter Plan

March 14, 2007

The Emergency Shelter Plan submittal to OMHS&T regional offices by 4 pm April 15, 2007 shall consist of three binders (Avery 3-ring binder Heavy-Duty EZD® or equivalent) with eight dividers (Avery Ready-Index® or equivalent). All maps or other oversize sheets shall be folded in such a manner that they fit into sheet protectors located in the appropriate tab.

The tabs shall be organized in the following manner:

Tab 1 – Entrapment Contact Information

Included behind this tab will contact information for all persons that would be involved in an entrapment event in which a shelter might be used. This shall include at least:

Mine name and address

Mine Superintendent: name, day time and emergency number, email address

Safety Director: name, day time and emergency number, email address

Safety Committee Chairman (if applicable): name, day time and emergency number, email address

Mine Rescue Team(s): name, day time and emergency number, email address

Emergency Surveyor: name, day time and emergency number, email address

Emergency Drilling: name, day time and emergency number, email address

Shelter Manufacturer: name, day time and emergency number, email address

OMS&T Regional Inspector at Large: name, day time and emergency number, email address

MSHA District Manager: name, day time and emergency number, email address

Any other person or organization that reasonably would be expected to be contacted an entrapment event

Tab 2 – Mine Description

Included behind this tab shall be information providing anyone reading the document with information necessary for them to have a fundamental understanding of the mine and its operation. This shall include at least:

Location of the mine and driving directions from the appropriate Regional OMHS&T office

Short history of the mine including ownership

Description of the geology overlying the mine and the mining technique

Most recent mine map indicating the proposed location of the shelter(s), SCSR caches, mine phones, fire fighting equipment, and any other emergency equipment

Tab 3 – Emergency Response Plans

Included behind this tab will be information such that it provides anyone reading this document with an understanding of the mines emergency response plans and how the emergency shelters have been integrated into those plans. This shall include at least:

A description of the likely scenarios in which the shelters might be used and how those scenarios affected the plan

Copies of mines emergency plans modified to include the role of shelters should be placed in this tab

Scheduled and conditions for submitting updates to OMHS&T and others

The plan shall describe under what conditions the operator anticipates submitting modifications to elements of the plan and the rationale for determining this approach

Tab 4 – Shelter Operations

The information behind this tab shall describe the shelter(s) selected and an understanding of shelter operations. This shall include at least:

State the criteria to be used in selecting the specific location of the crosscut into which the shelter will be placed and the rationale for those criteria

Operating instructions for the shelter and its contents

Schedule, procedures, and manufacturer's checklists for each inspection and location of inspection records

Attached must be the manufacturer's checklists for each type of inspection, routine, relocation, annual, etc.

Examples of the tamper indicating tags to be placed on all shelter openings and a copy of the signage to be affixed at each shelter opening indicating that tampering with the unit is a felony

Description of communication system that is will be used in the shelter and provisions have been made to rapidly reestablish communication if lost in the accident.

The plan shall describe how advances in technology will be incorporated in the plan as they become available

Tab 5 – Emergency Surveying & Drilling

The information behind this tab shall provide the reader with an understanding of how the corresponding surface location to the shelter will be found in an emergency and the provisions in place to drill to that shelter. This shall include at least:

Description of the procedure to be used for determining the surveyed location of the shelter each time it is moved and how escapeway maps will be updated

Description of the procedure for contacting emergency survey and drill teams

Description of the procedure for determining the corresponding shelter location on the surface in the case of an emergency (include map showing location of survey monuments and describe the procedure for ensuring the monuments are maintained)

Tab 6 – Training

The information behind this tab shall provide sufficient information for the reader to understand intended shelter training. This shall include at least:

|Description of initial and refresher training for miners and responders

“The first element of all training is that escape is the primary response to accident”

The training described shall include both lecture and experiential lessons with some form of demonstration of mastery of the information.

Copies of all training materials included here

Training schedule

Description of the method for documenting training along where those records will be kept

Describe the procedure for ensuring that each shift is briefed on the current location and status of shelters along with measures to ensure that is done

Tab 7 – Proof of order and compliance dates

This section will contain all correspondence that confirms the order and status of the shelter delivery and maintenance along with related products and services. This shall include at least:

A schedule for delivery and installation of shelters

At the time of submittal or when approved the operator, a copy of their purchase order for any necessary items or services required to implement the shelter plan. This includes not only the shelter themselves but any maintenance or emergency response services identified.

At a minimum there will be purchase order documentation for the shelters, for routine and emergency survey services and for emergency well drilling. If the operator is doing these things in-house then proof of qualified staff and available equipment is required.

Tab 8 – Transmittals

Included behind this tab will be copies of the transmittal correspondence with the OMHS&T and a copy of all approvals.