



MEL & ENID ZUCKERMAN COLLEGE OF PUBLIC HEALTH

Western Mining Safety and Health Training Resource Center

PRE-POST COMPETENCY ASSESSMENT TOOL

**Self-Assessment of Emergency Preparedness and
Response Competence**

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Self-Assessment of Emergency Preparedness and Response Competence

PARTICIPANT ID # _____

Demographic Information

Today's Date (Month/Day/Year): _____ / _____ / _____

Age Range (mark with an X): 18-29: ____ 30-39: ____ 40-49: ____ 50-59: ____ 60-69: ____ 70-79: ____ 80+: ____

Gender: Male ____ Female ____

What is your current job title and/or profession?

How long have you been employed in the mining industry? _____ (months/years)

How long have you been employed in your current position? _____ (months/years)

Have you completed the following training (s) prior to this training:

Newly Employed Inexperienced Miner? Yes No If yes, when (Month/Year) _____

Current Annual Refresher? Yes No If yes, when (Month/Year) _____

Experienced Miner? Yes No If yes, when (Month/Year) _____

Hazard Training? Yes No If yes, when (Month/Year) _____

Self-Assessment of Emergency Preparedness and Response Competence

Pre-Training Assessment of Competencies

ID # _____

Please circle the appropriate number for your level of response.

How <u>competent</u> do you feel in your ability to:	COMPETENCE <i>BEFORE</i> THE TRAINING				
	Very Low	Low	Moderate	High	Very High
A. I understand my mine's coordinated operational structure during an emergency response effort.	1	2	3	4	5
B. I am familiar with my mine's emergency response plan and understand my role.	1	2	3	4	5
C. I am able to manage stress and can recognize signs and symptoms of acute stress/distress among my coworkers.	1	2	3	4	5
D. I am able to maintain situational awareness and demonstrate accountability to deliver enhanced information to reinforce ongoing lifesaving and life-sustaining activities to meet basic human needs and stabilize the incident.	1	2	3	4	5
E. I am able to assess information related to an emergency and recognize hazards to mitigate potential cascading effects	1	2	3	4	5
F. I am able to maintain good interpersonal listening and speaking skills to promote collaboration and cooperation to solve safety concerns.	1	2	3	4	5
G. I use principles of crisis and risk communication to ensure information is concise and clearly understood among underground mine team.	1	2	3	4	5
H. I can use psychological first aid to diminish physiological stress response and facilitate function and action toward self-escape and survivability	1	2	3	4	5
I. I am able to establish and maintain different types of communication (i.e. interoperable voice, data, etc.).	1	2	3	4	5
J. I am able to relay and document the six categories of critical information that should be provided during emergency communications: Who, Where, What, Miners, Event, and Response.	1	2	3	4	5
K. I am able to communicate information on the course of action and implementation to the relevant people.	1	2	3	4	5
L. I am able to ensure the capacity for timely communications in support of security,	1	2	3	4	5

Self-Assessment of Emergency Preparedness and Response Competence

	situational awareness, and operations by any and all means available.					
M.	I understand my mine communications plan to include protocols for family reunification, media control, & external management teams.	1	2	3	4	5
N.	I can identify threats and immediate hazards during a mine emergency (explosions, hazardous spill, etc.) and implement primary response methods to control the hazard and minimize injury and /or death.	1	2	3	4	5
O.	I am able to maintain familiarity with emergency escape route(s) according to mine site procedures.	1	2	3	4	5
P.	I am able to select most appropriate action for dealing with the situation (i.e. hazard) according to mine site emergency response plans and procedures.	1	2	3	4	5
Q.	I am able to continuously monitor threat/hazard and reassess controls (i.e. ventilation) in place to ensure the safety of personnel in the vicinity of threat (i.e. fire).	1	2	3	4	5
R.	I can perform primary and secondary assessments of miners (i.e. each team member) condition to recognize and implement life support measures.	1	2	3	4	5
S.	I understand and apply the hierarchy of controls to reduce and/or eliminate immediate risks.	1	2	3	4	5
T.	I am able to use appropriate personal protective equipment and apply appropriate procedures (i.e. self-rescue equipment, confined spaces, noise, isolation, etc.) for managing hazards, risks, and emergencies	1	2	3	4	5
U.	I am able to recognize, access, and respond to alarms and warning devices according to mine site procedures.	1	2	3	4	5
V.	I am able to report unresolved threats to physical and mental health through the chain of command.	1	2	3	4	5
W.	I employ protective behaviors according to changing conditions, personal limitations, and threats.	1	2	3	4	5
X.	I am familiar conducting health and safety hazard assessments and ensure the availability and dissemination of guidance and resources (i.e. deploying hazardous materials teams).	1	2	3	4	5

Self-Assessment of Emergency Preparedness and Response Competence

Y. I am able to take precautions to safeguard workers and maintain standards of health, fitness and well-being.	1	2	3	4	5
Z. I am able to focus on timely restoration of mine infrastructure and revitalization post incident to promote resilience of miner health, and environmental fabric of community (i.e. social, cultural, historic, and economy, etc.).	1	2	3	4	5
AA. I able to participate in risk and disaster resilience assessments so that mine community (decision makers, responders, and community members) can take informed action to reduce their entity's risk and increase their resilience.	1	2	3	4	5

Self-Assessment of Emergency Preparedness and Response Competence

Post-Training Assessment of Competencies

ID # _____

Please circle the appropriate number for your level of response.

How <u>competent</u> do you feel in your ability to:	COMPETENCE <i>AFTER</i> THE TRAINING				
	Very Low	Low	Moderate	High	Very High
BB. I understand my mine's coordinated operational structure during an emergency response effort.	1	2	3	4	5
CC. I am familiar with my mine's emergency response plan and understand my role.	1	2	3	4	5
DD. I am able to manage stress and can recognize signs and symptoms of acute stress/distress among my coworkers.	1	2	3	4	5
EE. I am able to maintain situational awareness and demonstrate accountability to deliver enhanced information to reinforce ongoing lifesaving and life-sustaining activities to meet basic human needs and stabilize the incident.	1	2	3	4	5
FF. I am able to assess information related to an emergency and recognize hazards to mitigate potential cascading effects	1	2	3	4	5
GG. I am able to maintain good interpersonal listening and speaking skills to promote collaboration and cooperation to solve safety concerns.	1	2	3	4	5
HH. I use principles of crisis and risk communication to ensure information is concise and clearly understood among underground mine team.	1	2	3	4	5
II. I can use psychological first aid to diminish physiological stress response and facilitate function and action toward self-escape and survivability	1	2	3	4	5
JJ. I am able to establish and maintain different types of communication (i.e. interoperable voice, data, etc.).	1	2	3	4	5
KK. I am able to relay and document the six categories of critical information that should be provided during emergency communications: Who, Where, What, Miners, Event, and Response.	1	2	3	4	5
LL. I am able to communicate information on the course of action and implementation to the relevant people.	1	2	3	4	5
MM. I am able to ensure the capacity for timely communications in support of security,	1	2	3	4	5

Self-Assessment of Emergency Preparedness and Response Competence

situational awareness, and operations by any and all means available.					
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SS. I can perform primary and secondary assessments of miners (i.e. each team member) condition to recognize and implement life support measures.	1	2	3	4	5
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XX. I employ protective behaviors according to changing conditions, personal limitations, and threats.	1	2	3	4	5
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AAA. I am able to focus on timely restoration of mine infrastructure and revitalization post incident to promote resilience of miner health, and environmental fabric of community (i.e. social, cultural, historic, and economy, etc.).	1	2	3	4	5
BBB. I able to participate in risk and disaster resilience assessments so that mine community (decision makers, responders, and community members) can take informed action to reduce their entity's risk and increase their resilience.	1	2	3	4	5