# APPENDIX G: GENERAL PREFERENCE QUESTIONNAIRE

ID# \_\_\_\_\_

GENERA	L Prefei	rence Qui	ESTIONNAIRE	
questionnaire, you are being not be available to you duri wrong answer to these que	g asked to answer on ng your work day. estions; we are on	questions about some The questionnaire h ly interested in you	your information preference. One of the information that may or as four sections. There is no rigor opinions. Please try to answer specific instructions to use for	may ght or er the
SECTION 1				
DEMOGRAPHIC INFORM	ATION			
Please provide us with sor ability, rounding where necessity		out yourself. Answe	er the questions to the best of	your
Age: Years		Gender	(circle one): Male Female	
Height:Feet	Inches	Weight	: Pounds	
MINING EXPERIENCE				
Current	Jo	ob	Title:	
Other	Job	b	Titles:	
Total	#	of	Mines	
Worked:				
		Years	Months	
Experience in this Job Title				
Experience at this Mine				
Total Mining Experience				

Questionnaire: Preference

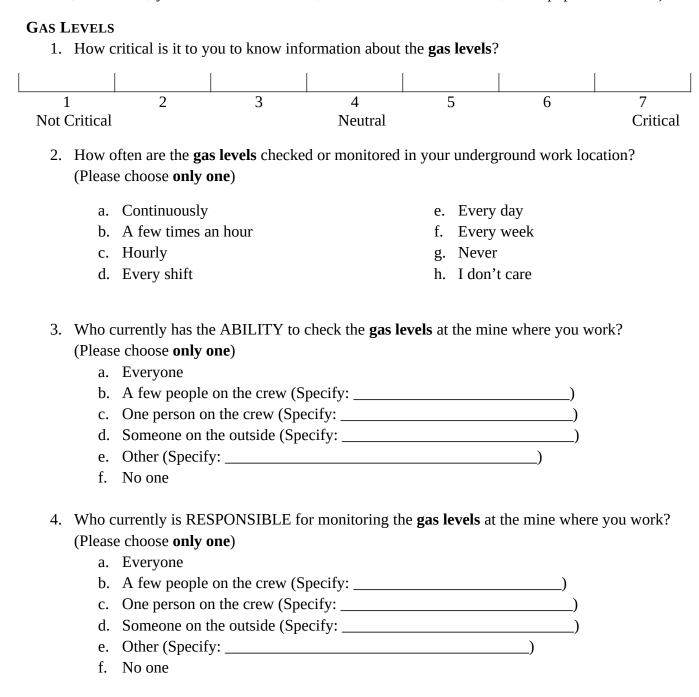
Date: \_\_\_\_\_

Public reporting burden of this collection of information is estimated to average 30 minutes or less per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-XXXX).

### SECTION 2

### **CURRENT INFORMATION AVAILABILITY**

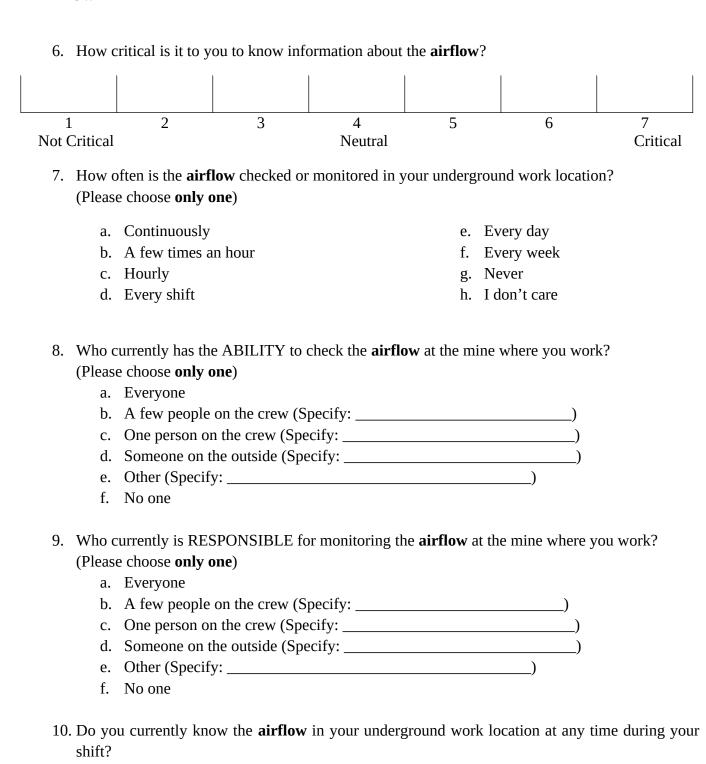
In this section, we are asking you about your current work experience. When you answer these questions, please think about how it is at the mine where you currently work. Answer the questions only based on that experience. The questions will be about six (6) specific types of information (gas levels, airflow, dust levels, your location in the mine, other's location in the mine, and equipment location).



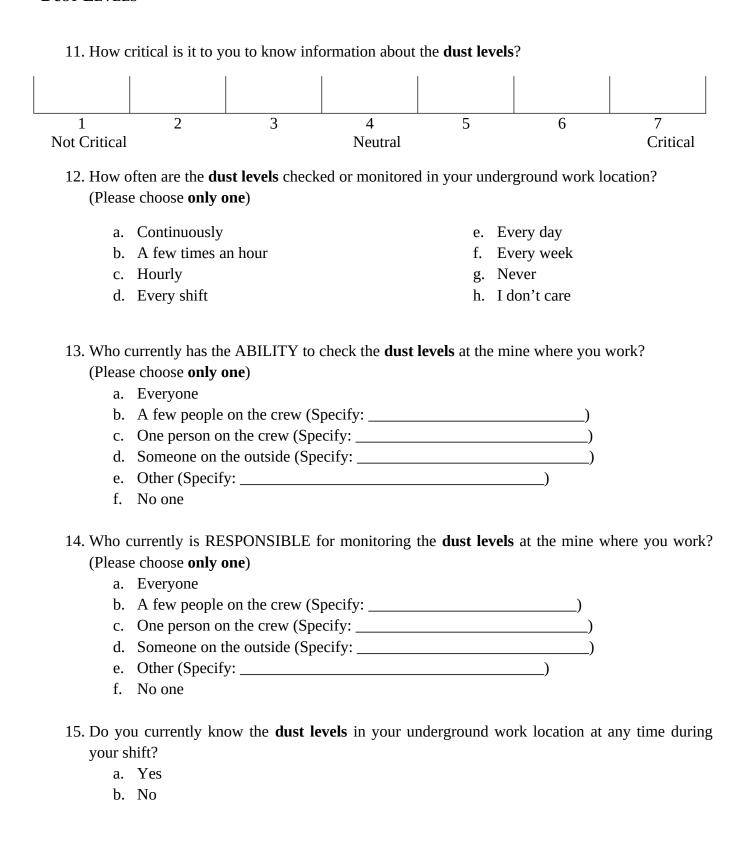
- 5. Do you currently know the **gas levels** in your underground work location at any time during your shift?
  - a. Yes

a. Yesb. No

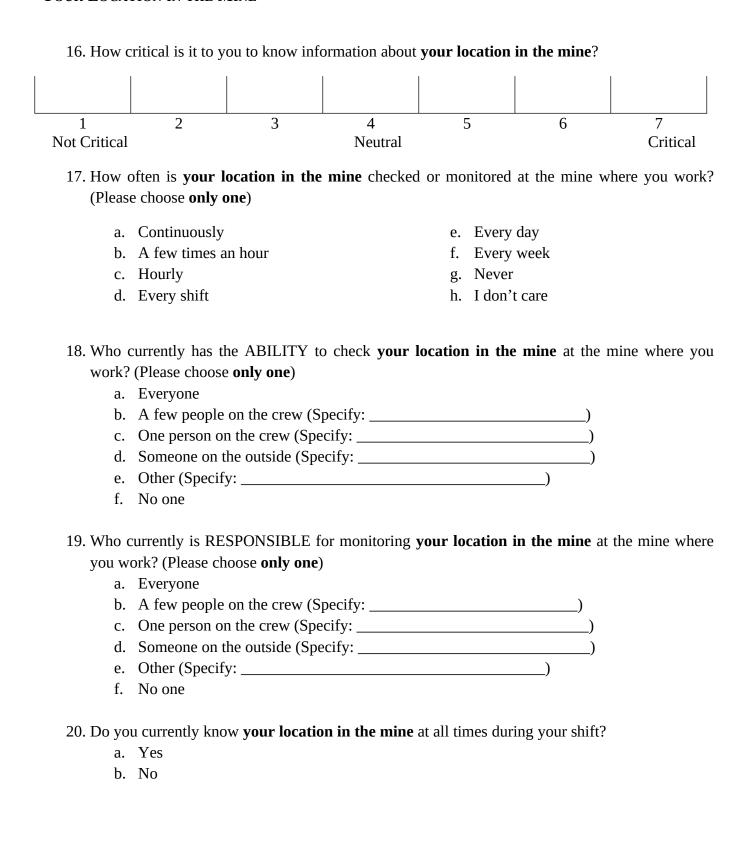
#### **AIRFLOW**



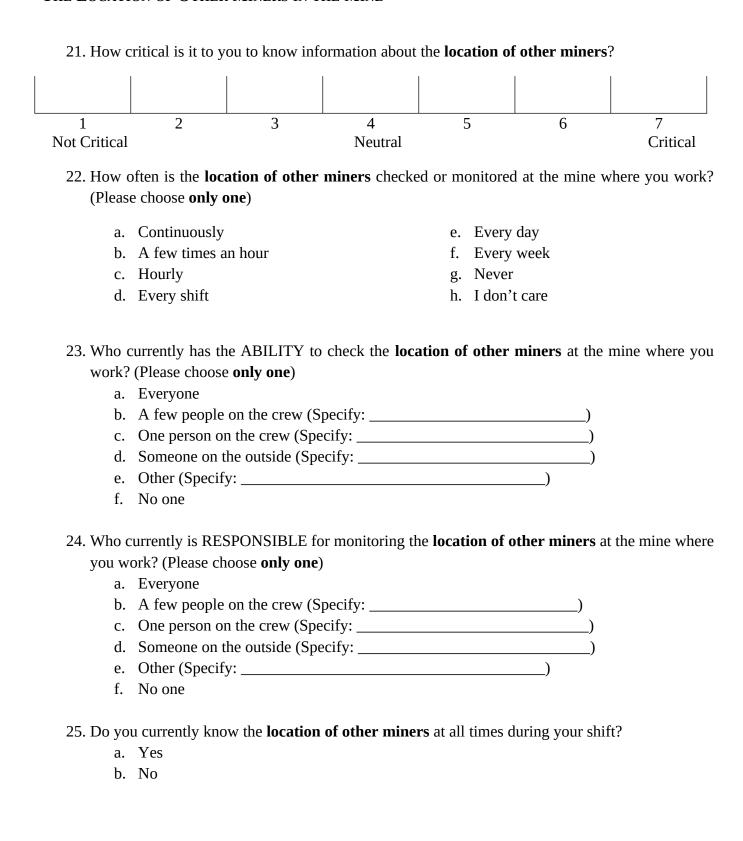
### **DUST LEVELS**



### YOUR LOCATION IN THE MINE

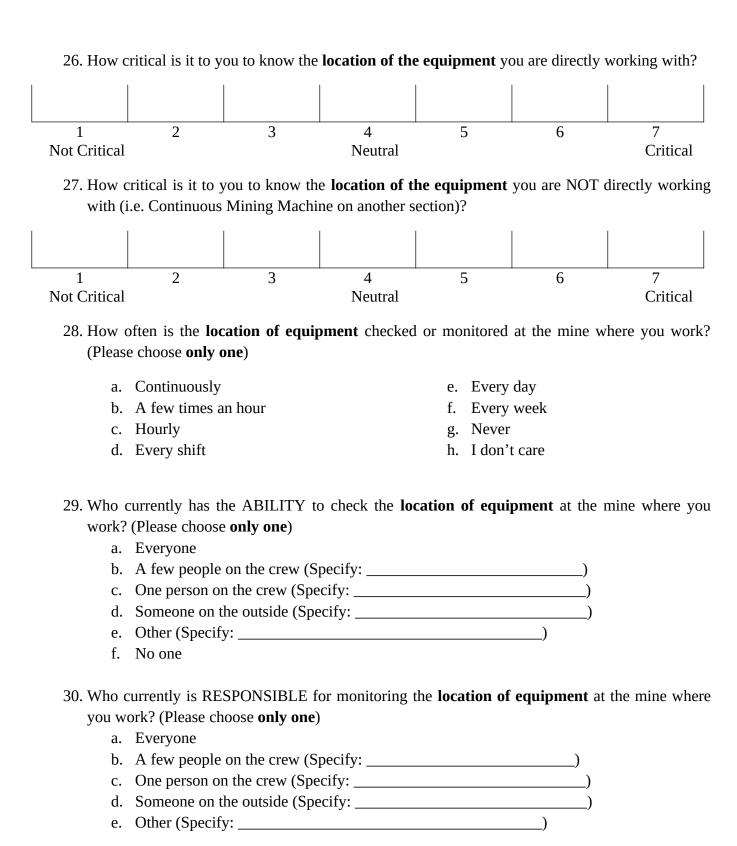


### THE LOCATION OF OTHER MINERS IN THE MINE



### **EQUIPMENT LOCATION**

**Equipment Location** refers to all large pieces of equipment operating in the mine (Continuous Mining Machine, Shuttle Car(s), Scoop(s), etc.). This includes all the equipment, not just the equipment you use for your job unless otherwise specified.





- 31. Do you currently know the **location of equipment** that you are directly working with at all times during your shift?
  - a. Yes
  - b. No
- 32. Do you currently know the **location of equipment** that you are NOT directly working with at any time during your shift?
  - a. Yes
  - b. No

# SECTION 3

# IDEAL WORLD INFORMATION AVAILABILITY

In this section, we are asking you to tell us about the best situation you could have. When you answer these questions, we would like you to think about how, in an ideal world, you would like it to be where you work and make your decisions based on that possible experience. The questions will be about six (6) Sp in

$\mathbf{c}$	^	c	T	т.	777	c
( ÷	Δ	C	•	·FV	IFI	C

	of information (gas levels, airflownd equipment location).	, dust levels, your lo	cation in the mine, other's locat	tion
SAS LEVELS	}			
33. Ideall	y, how often should the gas level	s be checked or mor	nitored in your underground w	ork
locatio	on? (Please choose <b>only one</b> )			
a.	Continuously	e.	Every day	
	A few times an hour		Every week	
C.	Hourly		Never	
	Every shift	•	I don't care	
3/ Ideally	y, who should have the ABILITY to	o check the gas levels	s at the mine where you work?	
•	e choose <b>only one</b> )	o check the gas levels	at the nime where you work:	
•	Everyone			
	A few people on the crew (Specify	v·	)	
	One person on the crew (Specify:			
	Someone on the outside (Specify:			
	Other (Specify:			
	No one			
35. Ideally	y, who should be RESPONSIBLE	for monitoring the	gas levels at the mine where	you
work?	(Please choose <b>only one</b> )			
a.	Everyone			
b.	A few people on the crew (Specif	y:	)	
	One person on the crew (Specify:			
d.	Someone on the outside (Specify:		)	
e.	Other (Specify:		)	
f.	No one			
36. Ideall	y, how should you be alerted if ther	e is a problem with th	ne <b>gas levels</b> at the mine where	vou
-	(Select <b>all</b> that apply)	r		<i>J</i>
	Light			
	Auditory Tone (alarm warning or	sound)		
	Vibration	<del></del> )		
	Displayed Message (similar to a to	ext message)		
	Other (Specify:	- · · · · · · · · · · · · · · · · · · ·	)	

# **Airflow**

-	y, how often should the <b>airflow</b> be on? (Please choose <b>only one</b> )	checked or mon	itored in your u	inderground work
a.	Continuously	e.	Every day	
	A few times an hour		Every week	
c.	Hourly	g.	Never	
d.	Every shift	h.	I don't care	
-	y, who should have the ABILITY to che	eck the <b>airflow</b> at	t the mine where	you work?
•	e choose <b>only one</b> )			
	Everyone			
	A few people on the crew (Specify:			
	One person on the crew (Specify:			•
	Someone on the outside (Specify:			_)
	Other (Specify:		)	
f.	No one			
39. Ideally	, who should be RESPONSIBLE for n	nonitoring the <b>ai</b> i	<b>flow</b> at the mine	where you work?
_	e choose <b>only one</b> )	<u> </u>		J
` a.	Everyone			
b.	A few people on the crew (Specify: _			_)
	One person on the crew (Specify:			
	Someone on the outside (Specify:			
	Other (Specify:			•
f.	No one		,	
40. Ideally	y, how should you be alerted if there is	a problem with	the <b>airflow</b> at th	e mine where you
work?	(Select <b>all</b> that apply)			
a.	Light			
b.	Auditory Tone (alarm warning or sour	nd)		
с.	Vibration			
d.	Displayed Message (similar to a text r	nessage)		
e.	Other (Specify:		)	

# **DUST LEVELS**

-	y, how often should the <b>dust levels</b> be checked on? (Please choose <b>only one</b> )	or mo	nitored in your underground work
a.	Continuously	e.	Every day
b.	A few times an hour	f.	Every week
с.	Hourly	g.	Never
d.	Every shift	h.	I don't care
-	, who should have the ABILITY to check the <b>du</b>	ıst le	<b>vels</b> at the mine where you work?
•	e choose <b>only one</b> )		
	Everyone		
	A few people on the crew (Specify:		
	One person on the crew (Specify:		
	Someone on the outside (Specify:		·
	Other (Specify:		)
f.	No one		
work?	y, who should be RESPONSIBLE for monitoring (Please choose <b>only one</b> )	the o	dust levels at the mine where you
	Everyone		`
	A few people on the crew (Specify:		
	One person on the crew (Specify:		
	Someone on the outside (Specify:		
	Other (Specify:		)
1.	NO Offe		
	y, how should you be alerted if there is a problem ork? (Select <b>all</b> that apply)	with	the <b>dust levels</b> at the mine where
a.	Light		
b.	Auditory Tone (alarm warning or sound)		
с.	Vibration		
d.	Displayed Message (similar to a text message)		
e.	Other (Specify:		)

# YOUR LOCATION IN THE MINE

	y, how often should <b>your location in the mine</b> be ork? (Please choose <b>only one</b> )	check	sed or monitored at the mine where
a.	Continuously	e.	Every day
b.	A few times an hour	f.	Every week
c.	Hourly	g.	Never
d.	Every shift	h.	I don't care
-	y, who should have the ABILITY to check <b>your</b> l	locati	<b>on in the mine</b> at the mine where
,	ork? (Please choose <b>only one</b> )		
	Everyone		`
	A few people on the crew (Specify:		
	One person on the crew (Specify:		
	Someone on the outside (Specify:		
	Other (Specify:		)
f.	No one		
where a. b. c. d.	y, who should be RESPONSIBLE for monitoring you work? (Please choose <b>only one</b> )  Everyone  A few people on the crew (Specify:		) ) )
-	y, how should you be alerted if there is a problem where you work? (Select <b>all</b> that apply) Light Auditory Tone (alarm warning or sound) Vibration Displayed Message (similar to a text message) Other (Specify:		

### THE LOCATION OF OTHER MINERS IN THE MINE

- 49. Ideally, how often should the **location of other miners** be checked or monitored at the mine where you work? (Please choose **only one**)
  - a. Continuously
  - b. A few times an hour
  - c. Hourly
  - d. Every shift
  - e. Every day
  - f. Every week
  - g. Never
  - h. I don't care

Date	Questionnaire: Preference	ID#
50. Ideally	y, who should have the ABILITY to check the <b>location o</b>	<b>f other miners</b> at the mine where
you w	ork? (Please choose <b>only one</b> )	
a.	Everyone	
b.	A few people on the crew (Specify:	)
С.	One person on the crew (Specify:	)
d.	Someone on the outside (Specify:	)
e.	Other (Specify:	)
f.	No one	
51. Ideally	y, who should be RESPONSIBLE for monitoring the <b>loca</b>	ntion of other miners at the mine
where	you work? (Please choose <b>only one</b> )	
a.	Everyone	
b.	A few people on the crew (Specify:	)
С.	One person on the crew (Specify:	)
d.	Someone on the outside (Specify:	)
e.	Other (Specify:	)
f.	No one	
52. Ideally	y, how should you be alerted if there is a problem with th	e <b>location of other miners</b> at the
mine v	where you work? (Select <b>all</b> that apply)	
a.	Light	
b.	Auditory Tone (alarm warning or sound)	
C.	Vibration	
d.	Displayed Message (similar to a text message)	
e.	Other (Specify:	)

Date	Questionnaire: Preference	ID#
EQUIPMENT 1	LOCATION	
Machine, Shu	<b>ocation</b> refers to all large pieces of equipment operating in the mine ttle Car(s), Scoop(s), etc.). This includes all the equipment, not just the nless otherwise specified.	`
you wo a. b. c. d.	r, how often should the <b>location of equipment</b> be checked or monitor ork? (Please choose <b>only one</b> )  Continuously  A few times an hour  Hourly  Every shift	ed at the mine where
f. g.	Every day Every week Never I don't care	
you wo a. b. c.	r, who should have the ABILITY to check the location of equipment ork? (Please choose only one)  Everyone A few people on the crew (Specify: One person on the crew (Specify: Someone on the outside (Specify: Other (Specify: No one	) )
where a. b. c. d.	who should be RESPONSIBLE for monitoring the <b>location of equation</b> you work? (Please choose <b>only one</b> )  Everyone  A few people on the crew (Specify:  One person on the crew (Specify:  Someone on the outside (Specify:  Other (Specify:  No one	) )
mine v a. b. c. d. e.	r, how should you be alerted if there is a problem with the <b>location</b> where you work? (Select <b>all</b> that apply)  Light Auditory Tone (alarm warning or sound)  Vibration  Displayed Message (similar to a text message)  Other (Specify:)  ce Questionnaire, Total Burden Hours: 37.5	of equipment at the

Date	Questionnaire: Preference	ID#

### SECTION 4

### VITALS PREFERENCES

In this section, we are asking you to tell us how you feel about your vital signs (for instance, your heart rate) being monitored while you work. Many people believe that having access to a person's vital signs could help save lives. Heart Rate can be used to detect stress and fatigue on a daily basis and be used to help triage and monitor miners in an emergency situation. If vital signs were monitored on mine rescue workers, it could also help avoid sudden heart attack due to stress or overexertion. The next set of questions is related to your opinions about heart rate monitoring in the mining industry.

57. Do	you think moni	toring heart rat	e on a daily	basis would	l be useful?
J/. DU	you umik mom	willig near rai	ic on a dairy	Dasis would	i be userur:

- a. Yes
- b. No

Why or why not?

- 58. Do you think monitoring heart rate during an emergency situation would be useful?
  - a. Yes
  - b. No

Why or why not?

- 59. Do you think that the benefits of wearing a heart rate monitor justify wearing it every day? Please consider the benefits both during an emergency and on a daily basis.
  - a. Yes
  - b. No

Why or why not?

- 60. Would you be willing to wear a heart rate monitor on a daily basis?
  - a. Yes
  - b. No

Why or why not?

- 61. Would you personally check or monitor your heart rate if that information was available?
  - a. Yes
  - b. No

Why or why not?

- 62. Would you allow other workers to monitor your heart rate?
  - a. Yes
  - b. No

Why or why not?

- 63. Would you check or monitor other workers heart rate if that information was available?
  - a. Yes
  - b. No

Why or why not?