## **Train the Trainer Instructor Training Workshop**



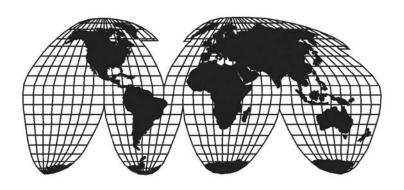
U.S. Department of Labor Mine Safety and Health Administration National Mine Health and Safety Academy

MSHA-3191b

Revised February 2009

## 5000-23 Form Exercise Scenarios and Blank Forms

## Visit the Mine Safety and Health Administration at www.msha.gov



## Directions:

- 1. Read each scenario below.
- 2. Determine what training is required under Part 48.
- 3. Complete a Form 5000-23 to indicate the required training has been completed.
- 1. You are the safety director at the No. 1 mine, I.D. No. 46-00001, a large coal company with several mines. An experience underground miner from the company's central shop has arrived at your mine to work on an underground project that is scheduled to take 3 weeks before completion.
- 2. An experienced miner is hired from the company panel to begin work at your No. 1 mine as an underground utility worker. The miner has not worked in a coal mine for the last 10 years. You did not provide the miner with the necessary task training.
- 3. A person is hired off the street to begin work at your No. 1 underground mine. This person has never worked in a coal mine and has never received any required training. Task training will be conducted by someone else at the mine.
- 4. An experienced miner is hired off the street at your No. 1 underground mine. His occupation will be a continuous-mining-machine operator, working on the 1 Left Section. He was employed by Tom Cat Coal Company up until this past Friday. He will be tasked trained by a section employee.
- 5. A service worker for Joy Manufacturing Company has arrived at the No. 1 underground mine. He is at the mine to help repair a continuous-mining machine that is broke down and out of service on the 2 Left Section. This person will be accompanied by the section electrician.
- 6. A contract experience miner arrives at the mine. He has been at the No. 1 underground mine for the past 5 days. He is employed by Vasco Belt Vulcanizing Company, a contractor that makes belt splices and vulcanizes the mine conveyor belts. On the miner's first day you completed hazard training for the miner.

- 7. You have conducted and completed annual refresher training for Jerry R. Trainee, an underground roof-bolt-machine operator.
- 8. You have conducted a portion of the 48A annual refresher training for Jerry R. Trainee, a continuous-mining-machine operator for the 2 Left Section. The training consisted of 2 ½ hours of first-aid training and 30 minutes of prevention of accidents.
- 9. A new inexperienced miner is hired for the 2 Left Section as a utility man at your underground No. 1 mine, I.D. 46-00001. The individual has completed a state agency apprenticeship underground training program for the state the mine is located. You did not provide task training for this individual.
- 10. An experience miner is hired at your underground No. 1 mine, I.D. 46-00001, as a shuttle-car operator. You have several models of shuttle cars at your operation. He will be operating a 10SC-22. His last employment at a coal mine was October 2, 2005. His occupation was a continuous-mining-machine operator. You have conducted all the required training including task.
- 11. You are a MSHA approved trainer for a private association. Bill Wilson has been sent to you for the appropriate training. He will be working at the No. 1 mine. You have completed newly employed underground inexperienced miner training. You have all the approved plans for the mine and the training models of SCSR'S provided at the mine. Your company business name and identification number is Basic Training, WXYZ.
- 12. Bill Wilson, truck driver, arrives at the No. 1 Preparation Plant to pick up a piece of equipment for repair that is in the supply yard. He does not need to leave the cab of his truck for the pick up.
- 13. Bill Wilson, an inexperienced miner, is hired today at your No. 1 Preparation Plant, I.D. 46-00001. All the training is to be conducted by you. The miner has completed 40 hours of newly employed inexperienced miner training from an educational institution. The miner's previous employment was with a road construction company. His job classification was front-end-loader operator. The miner is hired to operate a 988-B Front-End Loader. You have conducted all the required training.

- 14. Bill Wilson arrives at the No. 1 underground mine to begin work. He has a 5000-23 certificate signed from Basic Training, I.D. WXYZ, indicating that underground newly employed inexperience miner training is not complete. You are to complete the training and record.
- 15. On January 28, 2008 a miner is hired at your No.1 Preparation Plant. The miner had completed the state apprenticeship surface mine training. The miner's apprenticeship card indicates it was issued on January 14, 2006. The miner worked at a preparation plant two months before being laid off June 3, 2006.
- 16. On January 29, 2008 a miner is hired at your No. 1 underground mine as a shuttle-car operator. The miner has a state apprenticeship card indicating it was issued January 1, 2004. The miner had been employed as a shuttle-car operator at another mine and was laid off June 1, 2004. The miner has not worked in the coal industry since that time. You did not provide task training.
- 17. You have completed annual refresher training for the underground employees of your No. 1 mine, using your approved Part 48A training plan. Also attending your training was Bill Wilson a preparation plant employee. Document the training for Bill Wilson.
- 18. The company hired a security guard for your No. 1 mine. His duties include checking and keeping in operation the mine fan and water pumps at the surface area of the mine on weekends and holidays. Prior to this, he was employed as a security guard for a highway construction company for 10 years.
- 19. Steve Martin, a commercial logger, is traveling the mine haulage road to harvest timber that is located on bonded property approximately one mile from the active working pit of the No. 1 surface mine, I.D. 46-00003. He tells you it will take approximately 3 months to harvest the trees.
- 20. You are the person responsible for health and safety at Drill Deep Shaft Co, I.D. XYZ. You have just hired a worker that has worked in an underground coal mine as a continuous-miner operator for the past 15 years. You have hired him to operate a rock drill. You have conducted all required training.

- 21. You are a contract employer providing miners to the No. 1 mine. You have an employee that was hired as an inexperienced miner on July12, 2006 as a belt cleaner. You provided all the required training and documented the training on a 5000-23 at that time. The mine provided experience miner training and task training when he arrived at the mine. The miner is a member of a National Guard unit and his unit was called up for active duty on September 6, 2006. On November 11, 2007, he returned to the mines to report for work.
- 22. Your company has hired Bill Wilson, an end-loader operator, for your No. 1 surface coal mine operation. Bill has worked for a surface sand and gravel company for the last two years. He has a 5000-23 indicating he had received Part 46 newly employed inexperience miner training at the sand and gravel company when he was hired and annual refresher training in 2006. Task training will be conducted at the job site.
- 23. Bill Wilson, an underground employee for the last ten years at your No. 1 deep mine, has been transferred from the underground area to the preparation plant as a laborer. He has no previous experience at a surface operation. Task training will be conducted by someone else at the preparation plant.
- 24. You have hired Bill Wilson at your West Virginia No. 1 Preparation Plant as a refuge truck driver hauling refuge from the preparation plant to the refuge site approximately a mile from the prep plant. He has to travel on the state highway to do so. He gives you a card indicating he has received Coal Truck Driver Training from the West Virginia Office of Miners' Health, Safety and Training.
- 25. You are a contract trainer working for Basic Training Services. John Cook came to your training facility and said that he needed annual refresher training and that Black Rock Coal Company would give him a job after he receives this training.

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☐ Introduction t	o Work Environme	ent		of/Ground Control /entilation		☐ Health		
☐ Hazard Reco	gnition			e Map; Escapewa	avs:	☐ Electric	al Hazard	S
☐ Emergency M	ledical Procedure	s ·	Em	ergency Evacuati ricading		First Air		
☐ H&S Aspects	of Tasks Assigne	ed	Cle	anup; Rock Dustin	ng	☐ Mine G	ases	
Statutory Rig	hts of Miners		☐ Mai	ndatory Health &		☐ Explosi	ves	
	& Respiratory Dev	icas		ety Standards		☐ Preven	tion of Acc	cidents
THE RESIDENCE PROBLEMS	Communication Sy		of S	hority & Respons Supervisors & Min presentatives		Other (	specify)	
section 110 (a Safety & Healt amended by P		deral N 73 as	r I (s	certify that the aboring ature of person resp	onsible	o for training)	peen comp	oleted
. Mine Name, ID	& Location of Tr	aining (i	f institut	tion, give name &	addre	ess)		
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Approved OMB Number 1219-00 This certificate is required un- Failure to comply may result and 110, Public Law 91-173	der Public in penaltic	c Law tes and	91-173 as amen I other sanctions Public Law 95-1	as p 64.	rovided by	sections 108
Issue Certificate Imme Upon Completion of Tr			Serial Numb	er (fo	r operator's	use)
. Print Full Name of Person Tra	ined (first,	middle	, last)			
Check Type of Approved Train     Annual     Refresher			nced Miner			zard Training
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i. Check Subjects Completed (us Introduction to Work Environ		☐ Ro	ly completed traini of/Ground Control Ventilation	ng):	Health	
<ul><li>☐ Hazard Recognition</li><li>☐ Emergency Medical Procedu</li></ul>	res	☐ Mir Em	ne Map; Escapewa nergency Evacuation		☐ Electrica ☐ First Aid	
☐ H&S Aspects of Tasks Assig	2		rricading anup; Rock Dustir	ng	☐ Mine Ga	ses
☐ Statutory Rights of Miners		ALLEY CO.	ndatory Health &	-	Explosiv	es
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☐ Transport & Communication		of S	thority & Responsi Supervisors & Min- presentatives		Other (s	pecify)
False certification is punishas section 110 (a) and (f) of the Safety & Health Act (P. L. 91-amended by P. L. 95-164).	Federal M -173 as	line (	certify that the abo signature of person resp	onsible	for training)	een completed
. Mine Name, ID, & Location of	Training (i	f institu	tion, give name &	addre	ss)	
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This certificate Failure to comp	umber 1219-0070 is required unde bly may result in : Law 91-173 as	er Publi penalti	c Law 9 es and	91-173 as amen other sanctions Public Law 95-1	as p 64.	provided by	/ sections	
	tificate Immedi npletion of Tra			Serial Numb	er (fo	or operator's	s use)	
. Print Full Name	e of Person Traine	ed (first,	middle,	last)				
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☐ Hazard Reco	gnition			e Map; Escapewa	avs:	☐ Electric	al Hazard	S
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☐ H&S Aspects	of Tasks Assigne	ed	Cle	anup; Rock Dustin	ng	☐ Mine G	ases	
Statutory Rig	hts of Miners		☐ Mai	ndatory Health &		☐ Explosi	ves	
	& Respiratory Dev	icas		ety Standards		☐ Preven	tion of Acc	cidents
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	& Respiratory Dev Communication Sy		of S	hority & Responsi Supervisors & Min		Other (	specify)	
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New Task (specify be	low)			mployed, enced Miner		Other (specify)		
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This certificate Failure to comp	umber 1219-0070 is required unde bly may result in : Law 91-173 as	er Publi penalti	c Law 9 es and	91-173 as amen other sanctions Public Law 95-1	as p 64.	provided by	/ sections	
	tificate Immedi npletion of Tra			Serial Numb	er (fo	or operator's	s use)	
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. Check Subject	s Completed (use	only for	partiall	y completed traini	ing):			
☐ Introduction t	o Work Environme	ent		of/Ground Control /entilation		☐ Health		
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Statutory Rig	hts of Miners		☐ Mai	ndatory Health &		☐ Explosi	ves	
	& Respiratory Dev	icas		ety Standards		☐ Preven	tion of Acc	cidents
THE RESIDENCE PROBLEMS	Communication Sy		of S	hority & Respons Supervisors & Min presentatives		Other (	specify)	
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2. Check Type of Annual Refresher	Approved Training			ced Miner		Пн	azard Tra	ining
New Task (specify below	w)			mployed, enced Miner			Other (spe	cify)
ate	Task	Initials	Studt	Date	Task		Initials	Studt
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				=				
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. Check Type of	Operation and Re	elated In	dustry:					
A. Surface	_	Const	ruction	☐ Unde	·	nd 🗆	Shaft & S	lope
	Requirements Cor				iotui			
	0.9/			☐ Check if no				
if completed, g	o to item 6, below	V.		and go to it	em 5	, below.		
. Check Subject	s Completed (use	only for	partiall	y completed traini	ing):			
☐ Introduction t	o Work Environme	ent		of/Ground Control /entilation		☐ Health		
☐ Hazard Reco	gnition			e Map; Escapewa	avs:	☐ Electric	al Hazard	S
☐ Emergency M	ledical Procedure	s ·	Em	ergency Evacuati ricading		First Air		
☐ H&S Aspects	of Tasks Assigne	ed	Cle	anup; Rock Dustin	ng	☐ Mine G	ases	
Statutory Rig	hts of Miners		☐ Mai	ndatory Health &		☐ Explosi	ves	
	& Respiratory Dev	icas		ety Standards		☐ Preven	tion of Acc	cidents
THE RESIDENCE PROBLEMS	Communication Sy		of S	hority & Respons Supervisors & Min presentatives		Other (	specify)	
section 110 (a Safety & Healt amended by P		deral N 73 as	r I (s	certify that the aboring ature of person resp	onsible	o for training)	peen comp	oleted
. Mine Name, ID	& Location of Tr	aining (i	f institut	tion, give name &	addre	ess)		
		×						
3. Date				I verify that I hat (signature of person			above tra	aining
/ISHA Form 5000	0-23, Jan. 99 (revi	ised)	<del></del>	Сору	1 - Er	mployer's Po	ersonnel F	Record

00111110000000				Mine Safety ar	nd He	alth Admin	istration	
This certificate Failure to comp	lumber 1219-0070 is required unde bly may result in c Law 91-173 as	r Public penalti	c Law 9 es and	91-173 as amen other sanctions Public Law 95-1	as p 64.	provided by	y section:	
	tificate Immedi npletion of Tra			Serial Numb	er (fo	or operator	s use)	
. Print Full Name	e of Person Traine	ed (first,	middle,	last)				
Annual	Approved Training	L		ced Miner			lazard Tra	ining
Refresher New Task (specify below	w)		Newly Employed, Inexperienced Miner			Other (specify)		
ate	Task	Initials		Date	Task		Initials	
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				Annea de la				-
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B. Coal	_	7 Metal		☐ Nonm	-			, iopo
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the same of the sa	s Completed (use		nartiall	v completed traini	ina).			
	o Work Environme			of/Ground Control		☐ Health		
☐ Hazard Reco				entilation/		_	al Hazard	e
	Medical Procedure	s	Em	e Map; Escapewa ergency Evacuati ricading		☐ Electrical Hazards ☐ First Aid		
T H&S Aspects	of Tasks Assigne	ed		anup; Rock Dustin	na	☐ Mine G	Bases	
				arrap, recor Ducti	19	☐ Explos	ives	
Statutory Rig				ndatory Health & ety Standards			ntion of Ac	cidents
	& Respiratory Dev Communication Sy		of S	hority & Responsi Supervisors & Min		Other (	specify)	
		i i	Rep	oresentatives				
section 110 (a Safety & Healt amended by P		deral N 73 as	line (s	certify that the aboring the contract of person responding the contract of person responding the contract of t	onsible	o for training)	been comp	oleted
. Mine Name, ID	, & Location of Tr	aining (i	f institut	tion, give name &	addre	ess)		
3. Date				I verify that I ha			e above tra	aining
				(signature of person	trained	i)		
/ISHA Form 5000	0-23, Jan. 99 (revi	sed)	<del></del>	Сору	1 - Er	mployer's P	ersonnel F	Record

00111110000000				Mine Safety ar	nd He	alth Admin	istration	
This certificate Failure to comp	lumber 1219-0070 is required unde bly may result in c Law 91-173 as	r Public penalti	c Law 9 es and	91-173 as amen other sanctions Public Law 95-1	as p 64.	provided by	y section:	
	tificate Immedi npletion of Tra			Serial Numb	er (fo	or operator	s use)	
. Print Full Name	e of Person Traine	ed (first,	middle,	last)				
Annual	Approved Training	L		ced Miner			lazard Tra	ining
Refresher New Task (specify below	w)		Newly Employed, Inexperienced Miner			Other (specify)		
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	Requirements Cor	mpleted						
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at if completed o	go to item 6, belov	v		and go to it	em 5	, below.		
Name and Address of the Owner, where the Party of the Owner, where the Owner, which is the Owner,	s Completed (use		nartiall	v completed traini	ina).			
	o Work Environme			of/Ground Control		☐ Health		
☐ Hazard Reco				entilation/		_	al Hazard	e
	Medical Procedure	s	Em	e Map; Escapewa ergency Evacuati ricading		☐ Electrical Hazards ☐ First Aid		
T H&S Aspects	of Tasks Assigne	ed		anup; Rock Dustin	na	☐ Mine G	Bases	
				arrap, recor Ducti	19	☐ Explos	ives	
Statutory Rig				ndatory Health & ety Standards			ntion of Ac	cidents
	& Respiratory Dev Communication Sy		of S	hority & Responsi Supervisors & Min		Other (	specify)	
		i i	Rep	oresentatives				
section 110 (a Safety & Healt amended by P		deral N 73 as	line (s	certify that the aboring the contract of person responding the contract of person responding the contract of t	onsible	o for training)	been comp	oleted
. Mine Name, ID	, & Location of Tr	aining (i	f institut	tion, give name &	addre	ess)		
3. Date				I verify that I ha			e above tra	aining
				(signature of person	trained	i)		
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00111110410 01				Mine Safety ar	nd He	alth Adminis	stration	
This certificate Failure to comp	lumber 1219-0070 is required under oly may result in a Law 91-173 as	er Publi penalti	c Law 9 es and	91-173 as amer other sanctions	as p			
	tificate Immedi npletion of Tra			Serial Numl	ber (fo	or operator's	use)	
. Print Full Nam	e of Person Traine	ed (first,	middle,	last)				
Check Type of Annual Refresher	f Approved Training	L		ced Miner		Пн	azard Trai	ining
New Task (specify belo	w)			mployed, enced Miner			ther (spec	cify)
ate	Task	Initials		Date	Task		Initials	
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	Operation and Re			922 PF 12		100 1000		
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	s Completed (use							
Annual Control of the	to Work Environm	ent		of/Ground Control /entilation		Health		
Hazard Reco	gnition		☐ Min	e Map; Escapew	ays;	☐ Electrica	al Hazards	3
☐ Emergency N	Medical Procedure	s	Em	ergency Evacuati ricading	ion;	☐ First Aid		
☐ H&S Aspects	of Tasks Assigne	ed	Cle	anup; Rock Dusti	ng	☐ Mille G	1505	
Statutory Rig	hts of Miners		☐ Mai	ndatory Health &		☐ Explosiv	/es	
	& Respiratory Dev	/ices	Saf	ety Standards hority & Respons	ibilibe	Prevent	ion of Acc	cidents
☐ Transport & 0	Communication Sy	ystems	of S	Supervisors & Mir presentatives		Other (s	pecify)	
section 110 (a Safety & Healt amended by F		ederal N 73 as	line (s	certify that the ab- signature of person resp	oonsible	e for training)	een comp	leted
'. Mine Name, II	), & Location of Tr	aining (i	f institul	tion, give name &	addre	ess)		
3. Date				I verify that I ha (signature of person			above tra	ining
/ISHA Form 500	0-23, Jan. 99 (rev	ised)		Сору	1 - Er	mployer's Pe	ersonnel P	lecord

00,00.00				Mine Safety ar	nd He	alth Admini	stration	
This certificate Failure to comp	umber 1219-0070 is required unde bly may result in : Law 91-173 as	er Publi penalti	c Law 9 es and	91-173 as amen other sanctions Public Law 95-1	as p 64.	provided by	/ sections	
	tificate Immedi npletion of Tra			Serial Numb	er (fo	or operator's	s use)	
. Print Full Name	e of Person Traine	ed (first,	middle,	last)				
2. Check Type of Annual Refresher	Approved Training			ced Miner		Пн	azard Tra	ining
New Task (specify below	w)			mployed, enced Miner			Other (spe	cify)
ate	Task	Initials	Studt	Date	Task		Initials	Studt
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A. Surface	_	Const	ruction	☐ Unde	·	nd 🗆	Shaft & S	lope
	Requirements Cor				iotui			
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if completed, g	o to item 6, below	V.		and go to it	em 5	, below.		
. Check Subject	s Completed (use	only for	partiall	y completed traini	ing):			
☐ Introduction t	o Work Environme	ent		of/Ground Control /entilation		☐ Health		
☐ Hazard Reco	gnition			e Map; Escapewa	avs:	☐ Electric	al Hazard	S
☐ Emergency M	ledical Procedure	s ·	Em	ergency Evacuati ricading		First Air		
☐ H&S Aspects	of Tasks Assigne	ed	Cle	anup; Rock Dustin	ng	☐ Mine G	ases	
Statutory Rig	hts of Miners		☐ Mai	ndatory Health &		☐ Explosi	ves	
	& Respiratory Dev	icas		ety Standards		☐ Preven	tion of Acc	cidents
THE RESIDENCE PROBLEMS	Communication Sy		of S	hority & Respons Supervisors & Min presentatives		Other (	specify)	
section 110 (a Safety & Healt amended by P		deral N 73 as	r I (s	certify that the aboring ature of person resp	onsible	o for training)	peen comp	oleted
. Mine Name, ID	& Location of Tr	aining (i	f institut	tion, give name &	addre	ess)		
		×						
3. Date				I verify that I hat (signature of person			above tra	aining
/ISHA Form 5000	0-23, Jan. 99 (revi	ised)	<del></del>	Сору	1 - Er	mployer's Po	ersonnel F	Record

			Mine Safety and Health Administration					
This certificate Failure to comp	umber 1219-0070 is required unde bly may result in Law 91-173 as	r Public penalti	c Law 9 es and	91-173 as amen other sanctions Public Law 95-1	as p 64.	provided by	y sections	
Issue Certificate Immediately Upon Completion of Training			Serial Number (for operator's use)					
. Print Full Name	e of Person Traine	ed (first,	middle,	last)				
Annual	Approved Training	L		ced Miner			lazard Tra	ining
Refresher New Task (specify below)			Newly Employed, Inexperienced Miner				Other (spe	cify)
ate	Task	Initials		Date	Task		Initials	
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	Requirements Cor	mpleted						
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Name and Address of the Owner, where the Party of the Owner, where the Owner, which is the Owner,	s Completed (use		nartiall	v completed traini	ina).			
	o Work Environme			of/Ground Control		Health		
		& Ventilation  Mine Map; Escapeways Emergency Evacuation; Barricading			☐ Electrical Hazards		e	
☐ Hazard Recognition ☐ Emergency Medical Procedures					First Aid			
☐ H&S Aspects of Tasks Assigned		ed	Cleanup; Rock Dusting			☐ Mine Gases		
			Cleanup, Nock Dusting		19	Explosives		
	☐ Statutory Rights of Miners		Mandatory Health & Safety Standards			☐ Prevention of Accide		cidents
	Self-Rescue & Respiratory Devices Transport & Communication Systems		Authority & Responsibili of Supervisors & Miners			Other (specify)		
	Representatives							
section 110 (a Safety & Healt amended by P		deral N 73 as	line (s	certify that the aboring ature of person resp	onsible	for training)	peen comp	oleted
. Mine Name, ID	, & Location of Tr	aining (i	f institut	ion, give name &	addre	ess)		
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B. Date				I verify that I hat (signature of person			e above tra	aining
ASHA Form 5000	0-23, Jan. 99 (revi	sed)		Сору	1 - Er	mployer's P	ersonnel F	Record