### U.S. Department of Labor Mine Safety and Health Administration



Section I-Violation Data 3. Citation/ 75933.4						
1. Date Mo Da Yr 2. Time (24 Hr. Clock)	3. Citation/ 7583341					
03/31/2006 1130  4. Served To Dick Wilfong, Maintenance Superintendent	5. Operator WOLF RUN MINING COMPANY					
6. Mine	7. Mine ID 46-08791 (Contrac					
SAGO MINE	8a. Written Notice (103g)					

The electrical system supplying 480 volt 3 phase power to the bath house, office, and dispatchers trailer was not grounded. The safety ground wire was cut in two at the power pole connection point.

								See Co	ontinuation Form (MSHA	Form 7000-3a)
3. Violation	A. Health Safety Other		3. Section of Act			art/Section of itle 30 CFR		77	7.701	
Section II-Inspi	ector's Evelue	tion								
10. Gravity:					likely 🗍	Reasonably L	kalv 🔽	Highly Like	ly 🗌 Occum	ed 🗌
	r lliness (ha		No Likelihood	On						Fatal 🗸
B. Injury o	rillness cou	niq to pe.	No Lost W	orkdays 🔲	Lost Workd	lays Or Restrict	d Duty 📋	Permane	ently Disabling	ratal 💟
	ant and Su		Yes 🔽	No 🗌				D. Number	of Persons Affected:	
11. Negligen	ce (check o	ne)	A. None	B. Low	☐ C. M	oderate 🗹	D. High		E. Reckless Disrega	ard 🗌
				· · ·	13. Type of Issu	ance (check on	a) (	Citation 🗸	Order 🗌	Safeguard
12. Type of A	Action	104(	1)		13. Type of 1200				F. Dated	Mo Da Yr
14. Initial Ac A. Citation		rder 🗌	C. Safeguard	D. Writte	en Notice	E. Citation/ Order Num	ber			
15. Area or l		A. Date	Mo Da Yr	B. Time	(24 Hr. Clock)	1130				
		<u></u>	03/31/200	<u> </u>						
Section III—Te		The	power v	as dis	connecte	ed and th	ne grou	nds re	connected.	
							<u></u>			
18. Termina	A. Dat		Da Yr 31/2006 B.	Time (24 Hr.	Clock	1130				
Section IV-A	utomated Syr	dem Data				104.5	Ail	<del></del>		<del> </del>
19. Type of (activity		E16	20. Event N	umber -	4134415	21. Pi	imary or Mill		1211 121	,
22. Signatu	ire		6	•				23.	AR Number	0

MSHA Form 7000-3, Mar 85 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Falmess Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudarman and 10 Regional Falmess Boards to receive comments from arnall businesses about federal agency enforcement actions. The Ombudarman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-886-REG-FAIR (1-888-734-3247), or write the Ombudarman at Small Business Administration, Office of the National Ombudarman, 409 3rd enforcement actions of MSHA, you may call 1-886-REG-FAIR (1-888-734-3247), or write the Ombudarman at Small Business Administration, Office of the National Ombudarman, 409 3rd enforcement actions of MSHA, you may call 1-886-REG-FAIR (1-888-734-3247), or write the Ombudarman at Small Business Administration, Office of the National Ombudarman, 409 3rd enforcement actions of MSHA, you may call 1-886-REG-FAIR (1-888-734-3247), or write the Ombudarman at Small Business Administration, Office of the National Ombudarman, 409 3rd enforcement actions of MSHA, you may call 1-886-REG-FAIR (1-888-734-3247), or write the Ombudarman at Small Business Act of 1996, the Small Business Administration has a small business and Agriculture Regulatory Comments from a small business and Agriculture Regulatory Comments and Small Business Act of 1996, the Small



Mine Citati	on/Order	·			rtment of La ty and Health	ibor Administration		
Section I-Viola	tion Data	<del></del>						
1. Date	Mo Da Yr 03/31/2006	2. Time (24 Hr. Clo				3. Citation/ Order Number	7583342	2
4. Served To				5. Operator	DIAM TO TO	COMMANIA		
Dick Wilfe	ong, Maintenanc	e Superintenden	t		UN MINING	COMPANY		
6. Mine	_			7. Mine ID	46-0879	1		(Contractor)
SAGO MI							8a. Written N	
8. Condition	or Practice		gives a sig	nal at t	he mine	when the i		
slows or	or etone w	as not bei circular 1	ng tested b mine fan pr	v stoppi	ng the I	an every .	oi days,	as
9. Violation	A. Hoelth Safety V	B. Section of Act		C. Part/Section of Title 30 CFR	ď	See Continue 75.312(	tion Form (MSHA	Form 7000-3a)
Section II-Ins	pector's Evaluation	<u> </u>						
10. Gravity:								
	or Iliness (has) (is):	No Likelihood 🗌	Unlikely 🗹	Reasonably	Likely 🗌	Highly Likely	Occum	<u>м</u> []
	or illness could rea- ly be expected to be		lays 🗌 Lost W	orkdays Or Restr	icted Duty 🗹	Permanently D	isabling 🗌	Fatal 🗌
	icant and Substantia		No ☑			D. Number of Pe	rsons Affected:	001
11. Neglige	nce (check one)	A. None	B. Low 🗌 🤇	C. Moderate 🗹	D. High	☐ E. Re	ckiess Disrega	
12. Type of	Action 104	(a)	13. Type of	Issuance (check	one) C	itation 🗹 O	rder 🗌	Safeguard
14. Initial A		C. Safeguard	D. Written Notice	E. Citation/ Order Nu			F. Dated	Mo Da Yr
15. Area or	Equipment							
16. Termina	A. Dat	Mo Da Yr e 03/31/2006	B. Time (24 Hr. Clo	ck) 113	0			
Section III-To	ermination Action	·						
			shut down a n their res			ard by the	e dispat	cher and
18. Termina	TILL Note	ODa Yr /31/2006 B. Tim	e (24 Hr. Clock	1130				
Section IVA	Automated System Deta	<u> </u>						
	Inspection E1	20. Event Number	er413441:	5 21.	Primary or Mill			
22. Signatu	ire	φ	1			23. AR Nu	mber	۵
MSHA Form	7000-3, Mar 85 (revise	d) in accordance wi	th the provisions of the S	mail Business Regu	latory Enforcemen	t Fairness Act of 1990	, the Small Busin	ess Administration ha

established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

#### U.S. Department of Labor Mine Safety and Health Administration



1. Date Mo Da Yr 03/31/2006 2. Time (24 Hr. Clock) 3. Citation/ Order Number 1130 5. Operator WOLF RUN MINING COMPANY	
4. Served To 5. Operator .	7583343
WOI F DI'N MINING COMPANY	
Dick Wilfong, Maintenance Superintendent WOLF RUN MINING COMPANY	
8. Mine 7. Mine ID 46-08791	(C-steentos)
SAGO MINE	(Contractor)
8. Condition or Practice	8a. Written Notice (103g)
The seven day circular main mine fan pressure recording charts mine were not being changed before the beginning of the second review of the recent fan charts indicated that this occurred or occasions. The main mine fan pressure recording chart installed 14, 2005 was not removed until October 24, 2005, a period of 10 main mine fan pressure recording chart installed on October 30, removed until November 8, 2005, a period of 9 days. The main mine pressure recording chart installed on December 14, 2005 was not December 24, 2005, a period of 10 days. The main mine fan preschart installed on December 24, 2005 was not removed until Januperiod of 9 days. Also, during the period between November 14, December 14, 2005, a period of 4 weeks and 2 days the	revolution. A 1 4 different 2 do October 2 days. The 3 2005 was not 3 nine fan 4 removed until 4 ssure recording 5 uary 2, 2006, a
10 Date dispersion of	<u> </u>
Safety of Act Title 30 CFR 75.312(e	e)
Other Section II—Inspector's Evaluation	
10. Gravity:	
A. Injury or Illness (has) (is): No Likelihood Unlikely V Reasonably Likely Highly Likely	Occurred
B. Injury or illness could reasonably be expected to be:  No Lost Workdays  Lost Workdays Or Restricted Duty  Permanently Di	sabling
soliably be expected to be.	
7) Number of Pan	sons Affected: 001
C. Significant and Substantial: Yes ☐ No ☑	sons Affected: 001
C. Significant and Substantial: Yes No 2  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec	V01
C. Significant and Substantial: Yes No V  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec	ckiess Disregard
C. Significant and Substantial: Yes No 2  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec  12. Type of Action 104(a) 13. Type of Issuance (check one) Citation On  14. Initial Action	ckless Disregard  Safeguard
C. Significant and Substantial: Yes No 🗹  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec  12. Type of Action 104(a) 13. Type of issuance (check one) Citation One  14. Initial Action B. Order C. Safeguard D. Written Notice E. Citation/Order Number	ckless Disregard  Safeguard
C. Significant and Substantial:  Yes No   11. Negligence (check one)  A. None B. Low C. Moderate D. High E. Rec  12. Type of Action  104(a)  13. Type of issuance (check one)  Citation One  14. Initial Action A. Citation B. Order C. Safeguard D. Written Notice  15. Area or Equipment  16. Termination Due  A. Dete Mo Da Yr R. Time (24 Hr. Clock)  1120	ckless Disregard  Safeguard
C. Significant and Substantial:  Yes No   No   11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec  12. Type of Action 104(a) 13. Type of issuance (check one) Citation One  14. Initial Action B. Order C. Safeguard D. Written Notice E. Citation/Order Number  15. Area or Equipment  16. Termination Due A. Date Mo Da Yr 03/31/2006 B. Time (24 Hr. Clock) 1130	ckless Disregard  Safeguard
C. Significant and Substantial:  Yes No   No   11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec  12. Type of Action 104(a) 13. Type of issuance (check one) Citation One  14. Initial Action B. Order C. Safeguard D. Written Notice E. Citation/Order Number  15. Area or Equipment  16. Termination Due A. Date Mo Da Yr 03/31/2006 B. Time (24 Hr. Clock) 1130  Section III—Termination Action	ckless Disregard  Safeguard
C. Significant and Substantial:  Yes No   D. Number of Peril  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Red  12. Type of Action 104(a) 13. Type of Issuance (check one) Citation One  14. Initial Action B. Order C. Safeguard D. Written Notice E. Citation/Order Number  15. Area or Equipment  16. Termination Due A. Date Mo Da Yr 03/31/2006 B. Time (24 Hr. Clock) 1130  Section III—Termination Action  17. Action to Terminate	ckless Disregard  Safeguard
C. Significent and Substantial: Yes No 🗹  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec  12. Type of Action 104(a) 13. Type of issuance (check one) Citation One  14. Initial Action B. Order C. Safeguard D. Written Notice E. Citation/Order Number  15. Area or Equipment  16. Termination Due A. Date 03/31/2006 B. Time (24 Hr. Clock) 1130  Section III—Termination Action  17. Action to Terminate  18. Terminated A. Date Mo Da Yr B. Time (24 Hr. Clock)	ckless Disregard  Safeguard
C. Significant and Substantial:  Yes No   No   D. Number of Pen  11. Negligence (check one) A. None B. Low C. Moderate D. High E. Rec  12. Type of Action 104(a) 13. Type of Issuance (check one) Citation D. On  14. Initial Action B. Order C. Safeguard D. Written Notice E. Citation/Order Number  15. Area or Equipment  16. Termination Due A. Date Mo Da Yr 03/31/2006 B. Time (24 Hr. Clock) 1130  Section III—Terminated A. Date Mo Da Yr B. Time (24 Hr. Clock) 120  18. Terminated A. Date Mo Da Yr B. Time (24 Hr. Clock) 21. Primary or Mill  19. Type of Inspection 22. Event Number A12/4/15 21. Primary or Mill	ckiess Disregard

MSHA Form 7000-3, Mar 85 (revised)

In accordance with the provisions of the Small Business Regulatory Emorganism Regulatory Regulat

# Mine Citation/Order Continuation

#### U.S. Department of Labor Mine Safety and Health Administration



Section I-Subsequent Action/Continuation Data									
1. Subsequent Action 1a. Continuation	2. Dated (Original Issue)	Mo 03/3	Da 31/200		3. Citation/ Order Number 7583343				
4. Served To Dick Wilfong, Maintenance Superintendent			-	Operate VOLF	x RUN MINING COMPANY				
6. Mine SAGO MINE			7	'. Mine (C	46-08791	(Contractor)			
Section II—Justification for Action									

Continuation of 8. Condition or Practice

operator could only provide one 7 day main mine fan pressure recording chart.

			See Continuation Form	
Section III-Subsequent Action Taken				
8. Extended To A. Date Mo Da	Yr B. Time (24 Hr. Clock)	☐ C. Vacated	D. Terminated E. Modified	
Section IVInspection Data				
9. Type of Inspection E16	10. Event Number 4134415			
11. Signature	AR Number	12. Date Mo Da Yr	13. Time (24 Hr. Clock)	
ط		03/31/2006	1130	
MSHA Form 7000-3a, Mar 85 (revised)				

# U.S. Department of Labor Mine Safety and Health Administration



Section I-Violation Data									
1. Date	Mo Da Yr 03/31/2006	2. Time (24 Hr. Clock) 1130		3. Citation/ Order Number	7583344				
4. Served To Dick Wilfong, Maintenance Superintendent			5. Operator WOLF RUN MINING COMPANY						
6. Mine SAGO N	AINE		7. Mine ID 46-08	791	(Contractor)				
8. Conditio	n or Practice				8a. Written Notice (103g)				

The location and the electrical rating of some of the stationary electric apparatus in connection with the Sago mine electric system, including permanent cables, switchgear, transformers, permanent pumps, underground circuits, were not shown on a mine electrical map, and some were not located where identified.

				See Continuatio	n Form (MSHA Form 7000-3a)
	nith ☐ B. Section fety ☑ of Act ther ☐		C. Part/Section of Title 30 CFR	75.508	
Section II—Inspector's E	<b>relustion</b>				
10. Gravity:					
A. Injury or liness	(has) (is): No Likelii	nood 🗌 Unlikely 🗹	Reasonably Likely	Highly Likely	Occurred
B. Injury or illness sonably be exp		st Workdays 🗌 Lost V	Vorkdays Or Restricted Duty	Permanently Disc	abling Fatal []
C. Significant and	Substantial: Ye	× □ No ☑		D. Number of Perso	ons Affected: 001
11. Negligence (chec	k one) A. None [	B. Low	C. Moderate 🗹 D.	High E. Reck	less Disregard
12. Type of Action	104(a)	13. Type of	Issuance (check one)	Citation 🗹 Orde	Safeguard
14. Initial Action A. Citation B.	Order C. Safegu	ard D. Written Notice	E. Citation/ Order Number		F. Dated Mo Da Yr
16. Termination Due	A Date Mo Da	Yr			
	03/31/2	2006 B. Time (24 Hr. Clo	ck) 1130		
Section III—Termination					
17. Action to Termina	ite				
18. Terminated A. D	Mo Da Yr	B. Time (24 Hr. Clock			
Section IV-Automated S	ystem Deta	<del>*</del>		<del></del>	
19. Type of Inspectio (activity code)	E16 20. Even	t Number 413441:	21. Primary or	Mill	· · · · · · · · · · · · · · · · · · ·
22. Signature	6		· · · · · · · · · · · · · · · · · · ·	23. AR Numb	er b

MSHA Form 7000-3, Mer 85 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Falmess Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudaman and 10 Regional Falmess Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudaman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

-	
. Mine	Citation/Order

U.S. Department of Labor

: e Citation/Qeder	U.S. Department of Labor Mine Safety and Health Administration						
on I-Violation Date				<del></del>	3. Citation/	770000	
Mo Da Yr	2. Time (24 Hr	. Clock)		ľ	Order Number	7100904	·
05/09/2007		0800	5, Operator				
erved To			WOLF RUN	MINING (	COMPANY		
d Crumrine, Mine Fores	nan						
he			7. Mine ID	16-08791			(Contractor)
CO MINT						8a. Written N	otice (103g)
andrian or Drawlice				October	24. 200	5, which	
ondition of Practice Le Mine Ventila Equired the insect in height a Leals were const. D. No. 46-0879 Le investigation I January 2, 20 Le construction LocBond powder, LocBond	nd 20 feructed to the conformal formal to 3	et in width, to seal off the following define seal location testimony seals:	was not be ne 2 North ficiencies ions follow y of various , was spre	eing fol Mains were di wing an is witne	lowed. area of scovered explosion ex	the Sago d during on that cat assist floor dir leveled a BlocBond	Mine an on occurred ted in rectly as a
ofice #-inspector's Evaluation	J						
), Gravity:				_		T Occur	red [
				Baraha (A)			
	No Likelihoo	d Unificely	Resonably L	Justy 🗹	Highly Llicely (		
A. Injury or litness (has) (is):						Disabiling	Fatal 🗹
A. injury or liness (has) (is):  B. injury or liness could res-	No. I and	· <u> </u>	Ressonably L Workdaya Or Restric	ted Duty	Permanenth	Disabling [	Fatal 🗹
A. Injury or lineas (has) (in):     B. Injury or lineas could resonably be expected to be	No Lost	Workdays Loet		ted Duty	Permanentij D. Number of P	Disabiling	Fatel 🗹
A. Injury or liness (hes) (is):     B. Injury or liness could reasonably be expected to be     C. Significant and Substanti	: No Lost at: Yes	Workdays Loet	Worlsdaya Or Restric	ted Duty	Permanent) D. Number of P	Disabling [	Fatel 🗹
A. Injury or lineas (has) (in):     B. Injury or lineas could resonably be expected to be	No Lost	Workdays Loet  No   8. Low	Workdaya Or Restric	bed Duty 🗌 D. High	Permanently D. Number of P	Disabiling  Persons Affected: Reckless Disregi	Fatal 🗹 029
A. Injury or liness (hes) (is):     B. Injury or liness could resonably be expected to be     C. Significant and Substanti     Negligence (check one)	No Lost Yes A. None	Workdays Loet  No   8. Low	Worlsdaya Or Restric	bed Duty 🗌 D. High	Permanent) D. Number of P	Possisting  Persons Affected: Recidess Diereg	Fatal 20 029 and  Safeguard
A. Injury or liness (has) (is):     B. Injury or liness could resconably be expected to be     C. Significant and Substanti     Negligance (check one)  2. Type of Action 10	: No Lost at: Yes	Workdays Loet  No   8. Low	Workdaya Or Restric	D. High	Permanentij D. Number of P  E. Hatton	Disabiling  Persons Affected: Reckless Disregi	Fatel 20 029 and Safeguard Mo De Yr
A. Injury or liness (has) (is):     B. Injury or liness could resonably be expected to be     C. Significant and Substanti     Negligence (check one)     Type of Action 10     Initial Action	No Lost  Yes  A. None   4(d)(1)	Worldays Lock  No   8. Low   13. Type of	C. Mocierate   C. Mocierate   E. Citation/	D. High	Permanently D. Number of P	Possisting  Persons Affected: Recidess Diereg	Fatal 20 029 and  Safeguard
A. Injury or liness (has) (is):  B. Injury or liness could resconably be expected to be C. Significant and Substanti  1. Negligence (check one)  2. Type of Action A. Citation B. Order	No Lost  A. None   4(d)(1)  C. Safeguar	Workdays Loef  No  8. Low  13. Type of	C. Mocierate   C. Mocierate   E. Citation/	D. High	Permanentij D. Number of P  E. Hatton	Possisting  Persons Affected: Recidess Diereg	Fatal 2  029  and Safeguard  Mo De Yr
A. Injury or liness (has) (is):  B. Injury or liness could resconably be expected to be C. Significant and Substanti  1. Negligence (check one)  2. Type of Action A. Citation B. Order	No Lost  Yes  A. None   4(d)(1)	Workdays Loef  No  8. Low  13. Type of	C. Mocierate   C. Mocierate   E. Citation/	D. High	Permanentij D. Number of P  E. Hatton	Possisting  Persons Affected: Recidess Diereg	Fatel 12  029  and Safeguerd  Mo De Yr
A. Injury or liness (has) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligance (check one)  2. Type of Action A. Citation B. Order	No Lost  A. None   4(d)(1)  C. Safeguar	Workdays Loef  No  8. Low  13. Type of	C. Mocierate   C. Mocierate   E. Citation/	D. High	Permanentij D. Number of P  E. Hatton	Possisting  Persons Affected: Recidess Diereg	Fatel 12  029  and Safeguerd  Mo De Yr
A. Injury or liness (has) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligance (check one)  2. Type of Action A. Citation B. Order	No Lost  A. None   4(d)(1)  C. Safeguar	Workdays Loef  No  8. Low  13. Type of	C. Mocierate   C. Mocierate   E. Citation/	D. High	Permanentij D. Number of P  E. Hatton	Possisting  Persons Affected: Recidess Diereg	Fatal 2  029  and Safeguard  Mo De Yr
A. Injury or liness (hes) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligance (check one)  2. Type of Action 10  4. Initial Action A. Citation B. Order  5. Area or Equipment 11:	No Lost  A. None   4(d)(1)  C. Safeguar  Le entire	Workdays   Lock     No       B. Low       13. Type of     of   D. Written Notice     e mine.	C. Mocierate   / tesuance (check one  E. Citation/ Order Num	D. High	Permanentij D. Number of P  E. Hatton	Possisting  Persons Affected: Recidess Diereg	Fatal 2  029  and Safeguard  Mo De Yr
A. Injury or liness (has) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligance (check one)  2. Type of Action A. Citation B. Order	A. None []  4(d)(1)  C. Safeguar  Re entire	Workdays   Lock	C. Mocierate   / tesuance (check one  E. Citation/ Order Num	D. High	Permanentij D. Number of P  E. Hatton	Possisting  Persons Affected: Recidess Diereg	Fatel 12  029  and Safeguerd  Mo De Yr
A. Injury or liness (has) (is):  B. Injury or liness could reasonably be expected to be C. Significant and Substanti  1. Negligence (check one)  2. Type of Action 10  4. Initial Action A. Citation B. Order  5. Area or Equipment  16. Termination Due  A. D.	No Lost  A. None   4(d)(1)  C. Safeguar  Le entire  Mo Da )	Workdays   Lock	C. Mocierate   C. Mocierate   Fastuance (check one  E. Citation/ Order Num  ock)	D. High  D. ber	Permanentij D. Number of P E. Hation   100911	Pleabling  Persons Affected: Recidess Diereg Order  F. Dated	Fattel 12  029  and 13  Safeguerd  Mo De Yr  05/09/20
A. Injury or liness (has) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligance (check one)  2. Type of Action 10  4. Initial Action A. Citation B. Order  5. Area or Equipment The	No Lost  A. None   4(d)(1)  C. Safeguar  A e entire  Mo Da )	Workdays   Lock    No    B. Low    13. Type of    M   D. Written Notice    mine.	C. Mocierate   C. Mocierate   Fasuance (check one Check	D. High	Permanentij D. Number of P E. Hation   100911	Pleabling  Persons Affected: Recidess Diereg Order  F. Dated	Fatal 2  029  and  Safeguard  Mo De Yr  05/09/20
A. Injury or liness (hes) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligence (check one)  2. Type of Action A. Citation A. Citation B. Order  5. Area or Equipment The	A. None []  4(d)(1)  C. Safeguar  Ae entire  Mo Da )	Workdays   Lock    No    8. Low    13. Type of    Mritten Notice    mine.	C. Moderate   C. Moderate   Featurnoe (check one E. Citation/ Order Num  ock)  ed during	D. High  D. her  7  the explane to	Permanenti D. Number of P E. Hatton   100911  Losion. be inst.	Pleabling  Persons Affected: Recidess Diereg Order  F. Dated	Fatal 2  029  and  Safeguard  Mo De Yr  05/09/20
A. Injury or liness (hes) (is):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligence (check one)  2. Type of Action A. Citation A. Citation B. Order  5. Area or Equipment The	A. None []  4(d)(1)  C. Safeguar  Ae entire  Mo Da )	Workdays   Lock    No    8. Low    13. Type of    Mritten Notice    mine.	C. Moderate   C. Moderate   Featurnoe (check one E. Citation/ Order Num  ock)  ed during	D. High  D. her  7  the explane to	Permanenti D. Number of P E. Hatton   100911  Losion. be inst.	Pleabling  Persons Affected: Recidess Diereg Order  F. Dated	Fattal 2  029  and  Safeguard  Mo De Yr  05/09/20
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A. Injury or liness (has) (a):  B. Injury or liness could resonably be expected to be C. Significant and Substanti  1. Negligance (check one)  2. Type of Action 10  4. Initial Action A. Citation B. Order [  5. Area or Equipment The  16. Termination Due A. D.  Section UI—Termination Action 17. Action to Terminate The built and the a future miners in	A. None Day  A. None Day  4(d)(1)  C. Safeguar  A mo Day  A mo Day	Workdays   Lock    No    8. Low    13. Type of    Mritten Notice    mine.	C. Moderate   C. Moderate   Featurnoe (check one E. Citation/ Order Num  ock)  ed during	D. High  D. her  7  the explane to	Permanenti D. Number of P E. Hatton   100911  Losion. be inst.	Pleabling  Persons Affected: Recidess Diereg Order  F. Dated	Fattal 2  029  and  Safeguard  Mo De Yr  05/09/20
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### U.S. Department of Labor Mine Safety and Health Administration



Continuation		Milio Outory City				
1. Subsequent Action 18. Contraction	2. Dated Mo De (Original issue) 05/09/20	Yr 3. Citation/ 07 Order Number	7100904			
4. Served To Carl Crumrine, Mine Foreman 6. Mine	`	5. Operator WOLF RUN MINING 7. Mine ID 46–0879		(Contractor)		
SAGO MINE Section II—Justification for Action						

## Continuation of 8. Condition or Practice

BlocBond was not mixed with water as required.

Vertical joints were not completely filled with the bonding agent as required.

Wooden planks did not extend completely across the top of the Omega block seal as required. In some cases, a center plank was not used.

The wood wedges required to be installed between the plank and mine roof were installed between the plank and the omega block.

The wood wedges installed over the center plank were one and a half feet to 2 feet apart. The plan requires that the wood wedges be installed one foot apart.

The No. 1 seal was installed on an angle. The height and width of the No. 1 seal exceeded the 8 feet high and 20 feet wide requirement of the plan. seal was 21.7 feet wide and a portion of the seal was 8.9 feet high.

The No.1 seal was not at least 10 feet inby the corner of the coal block as required. The right side of the No.1 seal was 6.6 feet inby the corner. The left side of the seal was installed against the rounded corner.

The No.2 seal was 8.7 feet in height and 20.4 feet wide.

			See Continuation Form
Section II—Subsequent Action Taken.	Yr In the country	C. Vaceted [	D. Terminated E. Modified
8. Extended To A. Date Mo Da	Yr B. Time (24 Hr. Clock)		
Section IV—Inspection Data  9. Type of Inspection E16	10. Event Number 4134415		
11. Signature	AR Number 12. I	Date Mo De Yr 05/09/2007	13, Time (24 Hr. Clock) 0800
MSHA Form (000-3a, Mar 85 (revised)			

C C C 1780

### U.S. Department of Labor Mine Safety and Health Administration



Section I-VI	olation Date		3. Chat	
1. Date	Mo Da Yr	2. Time (24 Hr. Clock) 0800	Orde	or Number / 100000
4. Served 1			5. Operator WOLF RUN MINING COMP	PANY
d. Mine	mrine, Mine For	Than	7. Mine ID 46-08791	(Contractor)
SAGO N	AINE			8a. Written Notice (103g)
	n or Practice		de d	duties required

There were ten miners working at the Sago mine whose job duties required testing for methane. These miners have not demonstrated to the satisfaction of an authorized representative of the Secretary that they are qualified to test for methane with a portable methane detector approved by the Mine Safety and Health Administration under Part 22.

										Sec	Continuatio	n Form (MS	HA Form 7	000-3=)	$\mathbf{Z}$
. Violation	A. Health Safety Other	<b>Ž</b>	B. Section of Act				Part/Sect Title 30 C				75.151				
ection II - Inspect	or's Evelue	ion													
), Gravity: A. Injury or II			No Liteliho	<b>x</b> d []	Unlik	ely 🗹	Resec	onably Likely		· Highly L			urred [		
B. Injury or II		ree-	No Lost	Workda	ys 🗹	Lost Worl	edays Or	Restricted [	Duty 🗌		anently Dis				
C. Significan			Yes		No 🗹						er of Perso		<u> </u>	10	
1. Negligence	(check one	)	A. None		B. Low 🗸	<u> </u>	Accerate		D. High	Citation <table-cell></table-cell>		kless Disn		degum	
2. Type of Act	lon	104(	2)		13.	Type of less	ance (ch	eck one)		Citabilian (V)					
4. Initial Action A. Citation [		tor []	C, Safegua	rd 🔲	D. Written	Notice 🔲	E. Cita Ord	tion/ or Number				F. Dated		Da	Yr 
6. Termination	Due	A. Date	Mo Da 05/09/20		B. Time (2	4 Hr. Clock)		0800							
ection III—Term	instion Acti	on .										- £ 07			
7. Action to T authori for met	erminate	The				monstra e secre	、ナ コアリ	rnar	INEV	are	uuai-		to te by	st	
18. Terminate		Mo	Da Yr 09/2007		(24 Hr. Cl		0800								
Section IV-Auto	ometed Syst	em Date						21. Primar	v or MII						
19. Type of Im	spection de)	E16	20: Event	Number	4	134415		21. [ ]			3. AR Nutt	<del></del>		$\overline{}$	
22. Signeture			6			one of the Sme			E-formers	1.5	A-4-C 1006	the Small	G Business A	deninieti	netion
MSHA For has establ. agency enforce enforcement ac 3rd Street, SW	noites trem MSi occiden	B. The O HA. WOM I	elness and Ag	riculture F vicually evi REG-FAI	tegulatory C slusies enfo R (1-688-73	mougamen en rosment solivit 4-3247), or wri	es and ref	es each ager budemen at S	roy's respo	nsiveness tr ness Admini audemen is i	small bush stration, Offi a addition to	ness. If you los of the Ne sany other r	wish to cor	nanta udumu	on the

### U.S. Department of Labor Mine Safety and Health Administration

Continuation		Mille Salety und From the	
7. SUDBEQUER ACCOUNT 18. CONTRACTOR	2. Dated Mo De (Original Issue) 05/09/20	Yr 3. Citation/ 07 Order Number 7100905	
4. Served To Carl Crumrine, Mine Foreman		5. Operator WOLF RUN MINING COMPANY	(Contractor)
6. Mine		7. Mine ID 46-08791	(daile soll)
SAGO MINE Section II—Justification for Action			

MSHA. All ten of the miners are no longer employed by the mine therefore only those still employed were qualified.

		See Continuation Form
Section IS-Subsequent Action Telcen  8. Extended To A. Date Mo Da	Yr B. Tirne (24 Hr. Clock)	C. Vacated D. Terminated E. Modified
Section IV—Inspection Data  9. Type of Inspection E16  11. 5 lure  6  hrs xrm 7050-3a, Mar 85 (revised)	10. Event Number 4134415  AR Number 12. Date	Mo Da Yr 13. Time (24 Hr. Clock) 05/09/2007 0800

#### U.S. Department of Labor Mine Safety and Health Administration

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	timio eatsty and
Section I-Violation Date  1. Date Mo De Yr 2. Time (24 Hr. Cl	
4. Served To	5. Operator WOLF RUN MINING COMPANY
Carl Crumrine, Mine Foreman  6. Mne	7. Mine ID 46-08791 (Contractor)
SAGO MINE  8. Condition or Practice	8e Written Notice (103g)

Based of the results of a rock dust survey conducted in the 2nd Left Parallel section between January 30, and February 3,2006, it was found that the incombustible content of samples collected did not meet the requirements of 75.403. Fourteen of forty-two samples or 33% were substandard. The substandard samples were 71.4%, 65.9%, 66.2%, 61.8%, 61.1%, 59.4%, 71.9%, 75.1%, 55.2%, 50.7%, 64.4%, 61.6%, 64.7%, and 59.4% respectively.

										See C			
, Violation	A. Health Safety Other		B. Section of Act				C. Part/Section Title 30 CF	on of R		7:	5.403		
ection II Imape	ctor's Evalua	tion											
D. Gravity: A. Injury or	Whees (he	) (ls):	No Likelihoo	<b>d</b> 🗆	Uı	nilikely 🗹	Reason	nably Like	y 🗆	Highly Like		Occurr	
B. Injury or	Mness coul	d rea- I to be:	No Lost	Workd	ays 🗌	Lost	Worldsys Or F	Restricted	Duty 🔽		of Persons		Fatal 🗌
	ent and Sub		Yes		No 🗹					D. NUMBER	UI FEI BUILD /	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	000
			A, None		B. Low	Ø	C. Moderate		D. High		E. Reckies	Disregal	v 🗆
1. Negligeno							laquence (che	ck one)	(	Citation 🗹	Order [	]	Saleguard [
2. Type of A	ction	104(	a)		1	13. 13000	12302100 (010				I E	Dated	Mo Da Yr
							1 - 0-4	1					
A. Citation	☐ B. Or	der 🗌	C. Safeguar	4 🗀	D. Writt	en Notice	E. Citati Orde	ion/ r Number		<u></u>			
A. Citation  5. Area or E	B. Or	A. Date	Mo Da	(ı		en Notice	Orde						
A. Citation 15. Area or E	quipment	A. Date	Mo Da 1	(r )07	B. Time	(24 Hr. Ck	Orde	r Number					
A. Citation 15. Area or E 16. Terminati	B. Or quipment	A. Date	Mo Da	(r )07	B. Time	(24 Hr. Ck	Orde	r Number					
A. Citation 5. Area or E 16. Terminati Section III—Te	B. Or quipment for Due	A. Date on The	Mo Da \ 05/09/20 e areas	oo7 wer	B. Time	(24 Hr. Ck	Orde	r Number					
A. Citation 15. Area or E 16. Terminal 15. Action II—Te 17. Action to 18. Terminal	B. Or quipment on Due mination Act Terminate act A. Date stomated Sys	A. Date On The	Mo Da Y 05/09/20 areas	oo7 wer	B. Time	(24 Hr. Ck Ckdus Ckock)	ock) (cted.	0800	ov or Mil				
4. Initial Acti A. Chation 15. Area or E  16. Terminati Section II—Te 17. Action to  18. Terminati Section N—Action to  19. Type of (activity)	B. Or quipment on Due mination Act Terminate	A. Date On The	Mo Da Y 05/09/20 areas Da Yr 09/2007	oo7 wer	B. Time	(24 Hr. Ck	ock) (cted.	r Number	ny or Mil		AR Number		

MSHA For J-3, war d6 (revised) in accordance with the provisions of the Small Business Regulatory Enforcement Fakmess Act of 1995, the Small Business Administration has eatablement a National Small Business and Agriculture Regulatory Ombudeman and 10 Regional Falmess Boards to receive comments from small business about faderal agency enforcement actions. The Ombudeman ensually evaluates enforcement activities and raise each agency's responsiveness to ernall business. If you wish to comment on the agency enforcement actions. The Ombudeman ensually evaluates enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration of the National Ombudeman at Small Business Administ

### U.S. Department of Labor Mine Safety and Health Administration



Mine Cita			Mine Safety at	nd Health Administration	
Section I-Vic	Mo Da. Yr	2. Time (24 Hr. Clock)		3. Citation/ Order Number 7100	0907
	05/09/2007	0800	5. Operator		
4. Served T Carl Cru	o mrine, Mine Fore	man		MINING COMPANY	
6. Mine			7. MINO 15 4(	5-08791	(Contractor)
8. Condition A CSE	n or Practice	rial No. 46433 self	rescuer device	e was found undergr l exceeded the manuf date stamped on th	ound in the

A CSE SR-100 serial No. 46433 self-rescuer device was found underground in the 2nd Left Parallel barricade area. The device had exceeded the manufacturers recommended life of ten years. The manufactured date stamped on the unit was 8/95, the unit was found underground in January of 2006. Therefore the self-rescue device had not been inspected adequately to evaluate its shelf life and to timely remove the device from service when the shelf life was exceeded. Even though testing performed after the January 2, 2006 accident indicated that the device could function, had continued normal mining operations continued, the SCSR would likely have deteriorated over time affecting its effectiveness during emergency situations.

										See Co	ontinuation i	Form (MSHA	Form 7000-3a)
. Violation	A. Health Safety Other		B. Section of Act	)			C. Part/Section Title 30 CF	on of R		75.1	714-3(a)		
action II—inepe	ector's Evelu	tion											_
). Gravity: A. injury or	r Minees (he	s) (ls):	No Likel	Bhood 🗌	t	Jnilkely 🗌	Resso	nebly Likel	y 🗹	Highly Like		Occum	
B. Intury of	be expected	id rea-	No L	ost Work	utaya 🗌	Lost	Workdays Or 1	Restricted	Duty 🗌	D. Number	ently Dissi		Fatal 🗹
	ant and Sut		: \	'es 🗹	No [	٦				D. Number	Of Persons	- VIII	001
							C. Moderate		D. High	M	E. Reck	cus Diarega	rd 🔲 🔝
1. Negligeno	ce (check or	1e)	A. None	<u> </u>	B. Lov					Citation []	Order	<b>Ø</b>	Safeguard [
2. Type of A		104	(d)(1)			13. Type of	E. Cital	don/		100911	F	, Dated	Mo Da Yr 05/09/200
4. Initial Act					- 144			r Number					03/09/200
A. Citation 5. Area or E		nder 🗌 No	c. safe	affe		tien Notice (							
5. Area of E	quipment		area Mo De	affe	cted								
5. Area or E	equipment	No A. Dat	area Mo De	affe	B. Tim	ne (24 Hr. Ck	ock)						
15. Area or E 16. Terminat Section III-Te	quipment tion Due	No A. Dat	area Mo De	affe	B. Tim	ne (24 Hr. Ck			mine	•			
5. Area or E 16. Terminat Section III-Te 17. Action to	quipment tion Due rmination As Terminate	A Dat	Mo Do	affe	B. Tim	ne (24 Hr. Ck	ock)		mine	•			
15. Area or E  16. Terminat  Section III—Te  17. Action to  18. Terminat	equipment tion Due ermination As a Terminate ted A. Datastorneted Systems	A Dat	Mo Da e unit	affe	B. Two	ne (24 Hr. Ck n remov r. Clock)	ved from						
A. Citation 15. Area or E 16. Terminat Section III—Te 17. Action to 18. Terminat Section IV—A 19. Type of (activity	equipment tion Due armination As a Terminate tad A. Date taken and	A Dat	Mo Da e unit	affe	B. Two	ne (24 Hr. Ck	ved from	m the			AR Numb	or (	

M6HA Form 7\ Aler 85 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a reational Small Business and Agriculture Regulatory Ombudaman and 10 Regional Fairness Boards to receive comments from small business about federal agency enforcement actions. The Ombudaman envisely evaluates antiforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have.

#### U.S. Department of Labor Mine Safety and Health Administration



Section I-Vic	oletion Date			3. Citation/	7100009
1. Dale	Mo Da Yr	2. Time (24 Hr. Clock) 0800		Order Number	7100908
4. Served T	05/09/2007 o mrine, Mine Fore		5. Operator WOLF RUN MINING	COMPANY	
6. Mine		IIIII	7. Mine ID 46-0879	1	(Contractor)
SAGO M					8a. Written Notice (103g)
<b>a a a a a b b a a</b>	n an Desadles				_

Surface electrical qualification retraining was conducted at the Sago mine without an approved surface electrical retraining program. Electrical retraining was given by a qualified instructor in 2004 and 2005. They were retrained without an approved program.

						See Continu	ustion Form (MSHA	Form 7000-3a) 😾
. Violation A. Heel Safe Ott	¢y 🗹 📄	B. Section of Act		C. Part/Section of Title 30 CFR		77.10	)7	
ection II—inspector's Eve	lustion .							
0. Gravity: A. injury or illness (1	186) (ls):	No Likelihood	Unillosity 😾	Resconsibly Like	y 🗆	Highly Lifety [	Occum	
B. Injury or illness o	ould rea-	No Lost Work	days 🔽 Loss	Workdays Or Restricted	Duty 🗌	Permanently	Disabling	Fatal []
sonably be expec						D. Number of P	ersons Affected:	022
C, Significant and S	(Decay ma)	Yes [	No 🗹				Reckless Disraga	mt []
1. Negligence (check	one)	A. None 📋	B. Low	C. Moderate 🗹	D. High			
2. Type of Action	104	(a)	13. Type 0	of teauance (check one)	C	itation 🗹	Order 🗌	Safeguard
4. Initial Action			D. Written Notice	E. Citation/ Order Number			F. Deted	Mo Da Yr
70 0112011	Order _	C. Safeguard	D. William Modes	Orda Name				
5. Area or Equipment		Mo De Yr						
5. Area or Equipment  8. Termination Due	A. Dat	Mo Da Yr	B. Time (24 Hr. Cl					
5. Area or Equipment  6. Termination Due  Section III—Termination /  17. Action to Terminat	A. Dat	Mo De Yr 05/09/2007 electrica	B. Time (24 Hr. Cl	ng program w	nerara	minu anu	BULLIOU.	4 4-4
5. Area or Equipment  16. Termination Due  Section III—Termination /  17. Action to Termination /  the district subjects, (  18. Terminated A. D.	A. Date Action Act man course Mate 05	Mo Da Yr 05/09/2007  electrical nager date e material: 0Da Yr /09/2007	B. Time (24 Hr. Cl	lock) 0800	nerara	minu anu	BULLIOU.	4 4-4
16. Termination Due Section III-Termination / 17. Action to Termination the district subjects, (18. Terminated A. D.	A. Date Action Act man course Mate 05	Mo Da Yr 05/09/2007  electrical nager date e material	B. Time (24 Hr. Cl l retraini d March 21 s and a me	ng program wang 2006 for under ans to evaluate 0800	ate th	minu anu	BULLIOU.	4 4-4
16. Termination Due Section Hi-Termination 17. Action to Termination the district subjects, (	A. Date Action  P. An Ct mai Course M 05 System Date	Mo Da Yr 05/09/2007  electrical nager date e material o Da Yr /09/2007  B. Tir	B. Time (24 Hr. Cl l retraini d March 21 s and a me	ng program wa ,2006 for undans to evaluate	ate th	minu anu	ing liste	4 4-4

MSHA Fox 3-3, Mar 85 (revised) in accordance with inerprovisions of the Small Business Regulatory Enforcement Falmess Act of 1996, the Small Business Administration has exist. It is historial Small Business and Agriculture Regulatory Ombudaman and 10 Regional Falmess Boards to receive comments from small business about faderal appropriate actions. The Ombudaman annually evaluates enforcement actions are the Ombudaman annually evaluates enforcement actions of MSHA, you may cell 1-888-REG-FAR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 enforcement actions of MSHA, you may cell 1-888-REG-FAR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman is in addition to any other rights you may have, 3rd Street, SW MC 2120, Washington, DC 20418. Please note, however, that your right to fife a comment with the Ombudaman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

# U.S. Department of Labor Mine Safety and Health Administration

7

Continuation			MILLE	alety and rious		
Section I-Subsequent Action/Continuation Data  1. Subsequent Action 1s. Continuation	2. Dated (Original lesue)	Mo Da 05/09/2	• • • • • • • • • • • • • • • • • • • •	3. Citation/ Order Number	7100908	
4. Served To			S Cores	RUN MINING	G COMPANY	(Contractor)
Carl Crumrine, Mine Foreman  6. Mine			7. Mine i	46-0879	)1	(COMMON)
SAGO MINE Section II—Justification for Action						

Continuation of 17. Action to Terminate

was completed during the retraining.

					See Continuation Form
Section II—Subsequent Action 8. Extended To A. Date		). Time (24 Hr. Clock)	☐ C. Vacated	D. Terminated	E. Modified
Section IV-Inspection Date  9. Type of Inspection E	16 10. Ew	nt Number 4134415		13. Time (24 Hr. Ck	rek!
11. Signature	6	AR Number	12. Date Mo Da Yr 05/09/2007	0800	, m
MSHA For 90-3a, Mar 8	(r <del>ovised</del> )				

#### U.S. Department of Labor Mine Safety and Health Administration



				Wine Sale	ty and nealth A	di in iisa ation	*****	
Section I-Violet		2. Time (24 Hr. Ck			[3	. Citation/	710090	0
1. Date	Mo Da Yr 05/09/2007	080				Order Number	/10090	
4. Served To	03/03/2001			5. Operator		0) (D 4) N(		
Carl Crum	rine, Mine Fore	man			UN MINING C	UMPANI		
6. Mine				7. Mine ID	46-08791			(Contractor)
SAGO MI							Ba, Written f	latice (103g)
8. Condition o			had not red	ceived a	nnual retr	aining w	ithin t	the last
<u>                                     </u>	he Pafre	sher train	i 1 2 6 1	t diven	to the mir	ier on No	vember	To,
2004.	.ns. Relie	/ h	ad not recei	iven anv	aimiuai re		O = 1-0 O	
	oloymen <u>t</u> i		04. The mine	e <u>o</u> perat	or was awa	ire of th	e tran	ning Thad
		. 71 [	4	_ ملہ _	ر ] and	م) ماه مد	The one	erator is
•		nual retrai	ning within	the pas	t twelve m	montns.	have r	eceived
hereby	ordered t	o withdraw	the miners ction 104(g	T7777M 1 12	P 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	~ T T F110 1	tv and	Health
the red	quired tra	ining. Se	an untraine	) OI the	ie a hazai	rd to him	self a	nd others.
Act of	1977 dec.	lares that	an untraine	G WILLEY	13 & 114241			
						See Continuatio	n Form (MSHA	Form 7000-3a)
9. Violetion	A. Health	B. Section	(	. Part/Section of		48.8(a)		
0, 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	Safety 🗹	of Act		Title 30 CFR		40.0(2)		
Control to	octor's Evaluation	J						
10. Gravity:	ELLI C.					Harbert Hooks	Occum	•ed □
	r litness (has) (is):	No Likelihood 🗍	Unlikely [	Reasonabl	Linksiy 🔽	lighty Likely	-	
B. Injury o	or illness could res-	No Lost Work	days Lost We	orkdays Or Rest	icted Duty 🗌	Permanently Die	abiling 🗌	Fatal 🗹
	be expected to be				D	. Number of Perso	ns Affected:	012
C. Signific	cant and Substanti	Yes 🗹	No 🗌			E Pag	kless Diarage	ert 🗆
11. Negligen	ce (check one)	A. None	U. 2	. Moderate 🔲	D. High 🔽			
12. Type of A	Action 104	4(g)(1)	13. Type of Is	suance (check o	ne) Cita	tion Cord	or 🗹	Safeguard [
14. Initial Act		<u> </u>		E. Citation/	_		F. Dated	Mo Da Yr
A. Citation	9. Order	C. Safeguard	D. Written Notice	Order Nu				
15. Area or E	outoment Cr	aig Newsome	, Richard Y	oakum Il	, John Bo	ni, Denve	er Wilf	ong,
	Schoonove	r, Pat Boni						
Oures	Democrio, e	-,			_			
40 Tambud	Hop Date	Mo Da Yr						_
16. Terminal	A. Da		B. Time (24 Hr. Clock	·)			<del> </del>	
Section III-Te	minetion Action							n March
17. Action to	Terminate An	nual refre	sher trainin	ıg was gi	ven to th	e live m	iners o	n March
10,13,	2006	6 has	retired fr	com minii	ıg.			
	2000/							
					1			
18. Termina	ted A Date	Ac Da Yr B. Tim	e (24 Hr. Clock)	0800				
18. Termina	ted A, Date 0:	5/09/2007 B. Tim	e (24 Hr. Clock)	0800				
18. Termina	ted A, Date 0:	5/09/2007 B. Tim		21 1	Primary or Mill	1		
18. Termina Section IV-A 19. Type of	ted A, Date 0:	5/09/2007 B. Tim la 20. Event Numbe		21 1	Primary or MIN			
18. Termina	ted A, Date 0: utomated System Destropection code) E1	5/09/2007 B. Tim		21 1	Primary or Mill	23. AR Numi	oer [ (c	]
18. Terminal Section IV—A  19. Type of (activity)  22. Signature	A, Date 0:  Inspection code) E1	5/09/2007 B. Tim 6 20. Event Number	4134415	21.1	description of F	eigen Act of 1996	the Small Burn	ness Administration
18. Termina Section IV-A 19. Type of (activity 22. Signatur MSHA Form	ted A, Date 0.00  utomated System Destropection code) E1	5/09/2007 B. Tam  5/09/2007 B. Tam  6 20. Event Number  6 In accordance we Business and Agriculture	th the provisions of the Sn Regulatory Ombudeman a	21. I	ulatory Enforcement Frances Boards to rece	airmess Act of 1995, ive comments from	the Small Business	ness Administration ass about federal h to comment on the
18. Terminal Section IV-A 19. Type of (activity) 22. Signatur NSHA Form	ted A, Date 0:  utomated System Del Inspection code) E1  . May 86 (revisional System actions. The	5/09/2007 B. Tem  6 20. Event Number  6 In accordance we ormunity or moudemen entrusity	th the provisions of the Sn Regulatory Ombudement evaluates enforcement activ	21. I	ulstory Enforcement Fulmess Boards to receive agency's responsive	airness Act of 1995, the comments from these to small business to small business.	the Small Business email business see. If you wis	ness Administration se about federal h to comment on the al Ombudamen, 409
18. Terminal Section IV—A 19. Type of (sctivity) 22. Signatur MSHA Form thes establish agency enforement	A, Date 0:  Inspection code) E1  A May 85 (revisional Smell coment actions. The actions of MSHA, you	5/09/2007 B. Tim  6 20. Event Number  6 In accordance we business and Agriculture or may cell 1-888-REG-F/	4134415	21. I	ulstory Enforcement Fi almose Boards to rece in agency's responsive en at Small Business A	almess Act of 1995, the comments from mees to small busin Administration, Office man is in addition to	the Small Business ernall business ess. If you wis a of the Nation any other rights	ness Administration se about federal h to comment on the al Ombudamen, 409

02/10/2007 15:02 FAX 304 256 3251

# Mine Citation/Order Continuation

### U.S. Department of Labor Mine Safety and Health Administration



Continuation					
Section I-Subsequent Action/Continuation Data			To object		
1. Subsequent Action 1a. Continuation	2. Dated Mo (Original Issue) 05	Da Yr 5/09/2007	3. Citation/ Order Number	7100909 - 01	
4. Served To		5. Opera WOLF	tor RUN MINING	COMPANY	
Carl Crumrine, Mine Foreman 6. Mine		7. Mine I	d 46-0879	1	(Contractor)
SAGO MINE					
Section II—Justification for Action					
Change Fr.	om		То		•
10. D. Persons Affected			6		
Reason Incorrect number was writte	en .				

The incorrect number of persons affected was marked 12 instead of 6.

								See Continuation Form
Section III-	Subsequent Action Taken					<del></del>		
B. Extende		Da	Yr	B. Time (24 Hr. Clock)		C. Vacated	☐ D. Terminated	E. Modified
	Inspection Data		10 E	rent Number 4134415		<del></del>		
9. Type of	Inspection E16		10. E	4134413				
11.5	- 6			AR Number	12. Date	Mo Da Yr 05/09/2007	13. Time (24 Hr. Cl 0800	
MSHA	# U00-34. Mar 85 (revise	d)						

# U.S. Department of Labor Mine Safety and Health Administration

<b>N//</b>
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Section I-Vi	olation Date			
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clock) 0800	3. Citation/ Order Numi	7100910
4. Served T Carl Cru		eman	5. Operator WOLF RUN MINING COMPANY	
6. Mine SAGO M			7. Mine ID 46-08791	(Contractor)
	n or Practice			8a. Written Notice (103g)

Underground electrical qualification retraining was conducted at the Sago mine without an approved underground electrical retraining program. Electrical retraining was given by a qualified instructor in 2004 and 2005. They were retrained without an approved program.

	,											See	Continuatio	on Form (A	VISHA Form	n 7000-3e)	Ø
9. Violation	A. Health Safety Other		B. Section of Act				,	nd 30 (					75.160				
Section II—Inspe	otor's Evelu	ation															
10. Gravity: A. Injury or	liness (ha	s) (is):	No Literation	ood 🔲	U	nilicely 😧	3	Ress	onably	Likely		Highly Li	icely 🗌	0	ccurred [	]	
B. injury or somebly i	linees cou be expected	to be:	No Los	t Workd	kaye 🗹	Lo	ut Work	days O	Restr	icled Di	±ty □		anently Dis			etal 🗌	
C. Significa	int and Sut	etantial:	Yes		No 🗹							D. Numb	er of Perso	ons Affec	<b>D</b>	022	
11. Negligence	(check on	e)	A. None	]	B. Low		C. N	loderate	Ø		D. High		E. Rec	kless Dis	regard [		
12. Type of Ac	tion	104(	2)			13. Type	of leasur	ence (ci	eck or	10)		Citation 🕢	Ord	er 🗌		Safeguare	<u> </u>
14. Initial Action A. Citation		der 🗌	C, Safegui	urd [	D, Wr#	en Notice		E. Cita Ord	ution/ ler Num	nber				F. Date	<u> </u>	Mo Da Y	/r 
15. Area or Eq	ulpment										<del>,</del>						<u></u>
16. Terminatio	n Due	A. Date	Mo Da 05/09/2		B. Time	(24 Hr. C	lock)		0800	) 							
Section III—Terr	nination Act	on												,		1 1	
17. Action to 1 the dis	trict	man	electr ager d	ated	Mar	ch 21	.,20	06 f	or	unde	ergro	ound a	ind st	ırfac	e. A.	ll	
16. Terminate		Mo	Da Yr 09/2007		(24 Hr.			0800						·			
Section IV-Auto	ornated Syst	em Data															
19. Type of in:		E16	20. Event	Number	4	41344	15		21. Pi	rimary o	or MID						
22. Signatura		•	6	-		I							AR Numb	<u> </u>	6	]	
MSHA Form has establic egency enforce enforcement ac 3rd Street, SW including the rig	ational. ment actions tions of MSI	i. The On IA, you me	inees and Agr abudeman en sy call 1-888-1	iculture R nually eve REG-FAIF	tegulatory Justes en 7 (1-888-)	Ombuden forcement 734-3247),	un and activities or write our dobt	10 Regional reference to the Combine to the Combine to the Combine to the terminal region t	nal Fal es esch uderna comme	meas So agency n at Sma int with 1	sents to n 's respon el Busine he Ombu	es Administr demen is in 4	rents from a mail busine ation, Office addition to a	emet busi set. If you s of the Ni any other r	nesses so: wish to co stional Omi	our recens nument on budeman, 4	the .

# Mine Citation/Order Continuation

### U.S. Department of Labor Mine Safety and Health Administration

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Section I—Subsequent Action/Continuation Date						
1. Subsequent Action 1s. Continuation	2. Dated (Original lesue)	Mo 05/0	<b>Da</b> )9/2 <u>00</u>	• • •	3. Citation/ Order Number 710091	.0
4. Served To				5. Operat WOLF	or RUN MINING COMPA	NY
Carl Crumrine, Mine Foreman  6. Mine				7. Mine il		(Contractor)
SAGO MINE					40-00771	
Section II—Justification for Action						·

Continuation of 17. Action to Terminate

was completed during the retraining.

							See Continuation Form
Section M-Subse	quent Action Talen						
8. Extended To	A. Date Mo D	a Yr	B. Time (24 Hr. Clock)		C. Vacated	D. Terminated	E. Modified
Section IV-Inspe							
9. Type of Inspe	ection E16	110. E	vent Number 4134415				
11, Signeti		7	AR Number	12. Date	Mo Da Yr 05/09/2007	13, Time (24 Hr. Ci 0800	
MSHA Fo 30x	33a, Mar 85 (revised)						

#### U.S. Department of Labor Mine Safety and Health Administration

<b>\</b> //

Section  Violet	on Date				
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clack) 0800		3. Citation/ Order Number	7100911
4. Served To	ine, Mine Fore		5. Operator WOLF RUN MIN	NING COMPANY	
6. Mine SAGO MIN			7. Mine ID 46-0	8791	(Contractor)
8. Condition or					8a. Written Notice (103g)

According to a sworn statement and a review of training documents, a management official signed training form 5000-23 and directed that a miner sign the training form indicating that annual refresher training was given to the miner, when in fact, no such training occurred as required.

													AICUA	Z 7000.5	ы П
s	ealth afety Other		B. Section of Act					ert/Sec Rie 30 C				8.9(b)	Form (MSHA	ruini 1000	
Section 6-Inepedior's I	Evelu	tion													
10. Gravity: A. Injury or litness	a (has	s) ( <b>is</b> ):	No Likalih	000d []	L	intikely [	]	Reco	onably Like	<b>y</b> 🗆	Highly Life	y 🗹	Occurre	d 🗌	
B. Injury or illness sonably be exp			No Lo	st World	deys 🗌	Lor	st Work	days Or	Restricted	Duty 🗌		vently Disak		Fatal 🗹	<u> </u>
C. Significant end			Ye	• 🗹	No [	]		<u>-</u>			D. Number			002	
11. Negligence (che	ck on	e)	A. None [	7	B. Low	<i>,</i> 🗆	C. M	oderate		D. High		E. Reckle	nes Disregar	d 🗷	
12. Type of Action			(d)(1)	<del>-</del>		13. Type	of least	nce (ch	eck one)		Citation 🗹	Order		Safegu	ard 🗌
14. Initial Action	B. On		C. Safegu	mand []	D. Writ	ten Notice		E. Cita Ord	tion/ er Number			F	. Dated	Mo De	Yr
16. Termination Due	· ]	A. Dete	Mo Da 05/09/2		B. Time	e (24 Hr. C	clock)		0800	<u> </u>					
Section III—Terminatio	n Anti														
17. Action to Termin receive th	ate	The		ris	no l	onger	in.	the	coal	indu	stry a	nd cou	ıld not	: 	· · · · · · · · · · · · · · · · · · ·
18. Terminated A.	Date		De Yr 09/2007	B. Tim	e (24 Hr.	Clock)	(	0800							
Section N-Automated	3 <b>74</b>	em Dete													
19. Type of inspecti (activity code)	ON	E16	20. Even	i Numbe	ſ	41344	15		21. Prima	y or MIR					
22. Signature			6		_	7						AR Number	L 49		
MSHA Form has establish agency enforcement actions of 3rd Street, SW MC 2 including the right to of the street set of th	ionei : sciloni si MSt	iA, you r	isiness and Ap Imbudemen a may cell 1–868	priouliture nausily ov -REG-FA	Regislator valuates es IR (1-888-	y Ombuden nforcement -734-3247),	nan and activities or write	the Omb	e each age: udemen at S comment wi	ncy's mepon Smell Busine Ith the Ombu	elveness to en les Administre demen is in e	nell businession, Office o	e Small Business as, if you wish of the National y other rights y	to comment Ombudame	on the

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#### U.S. Department of Labor Mine Safety and Health Administration



			Mille Sale	sty and mealur	ACTIVITISTICATION	
Section I-Vi	olation Data					
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clack) 0800			3. Citation/ Order Number	7100912
4. Served 1			5. Operator WOLF R	UN MINING	COMPANY	
6. Mine SAGO N			7. Mine ID	46-08791		(Contractor)
O Condition	or Denotice					8a. Written Notice (103g)
Based	on statems	ents made during ar	n interview	conducted n, it was	on Febru	nary 20,2006 med that annual

Based on statements made during an interview conducted on February 20,2006 with a miner during the accident investigation, it was determined that annual refresher training was not adequate. During questioning regarding donning of the SCSR unit, a miner stated that he did not assume a donning position, open the device, activate the device, insert the mouthpiece or simulate this task while explaining proper insertion of the mouthpiece, and putting on the nose clip during training.

								See C	ontinuation F	orm (MSHA Fo	orm 7000-3a) [
	lealth       Safety       Other	B. Section of Act			Part/Section Title 30 CF			48.	8(b)(8)		
Section II—Inspector's	Eveluation										
10. Gravity: A. Injury or litne	es (has) (ls):	No Likelity	ood [] L	Initially 📋	Remon	ebly Likely	$\square$	Highly Life	<b>■y</b> 🗌	Occurred	
B. injury or illner sonably be ex	e could res	No.Lo	t Workdays 🗌	Lost Wo	ndays Or R	estricted D	tully 🗌	Permen	ently Disabil	ing 🗆	February 🗹
C. Significant as		4.	No [	]				D. Number	of Persons	Affected:	001
11. Negligence (ch	eck one)	A. None	] B. Low	v □ C.	Moderate [		D. High	Ø		s Dieregard	
12. Type of Action	10	4(d)(1)		13. Type of less	uance (chec	k one)		itation 🗌	Order [	Z	Safeguard []
14, initial Action A. Cilation	B. Order	C. Safegui	ard D. Writ	ten Notice	E. Citatio Order	n/ Number	7	100911	F.	Dated	Mo Da Yr 05/09/2007
16. Termination Du	10 A. Da	Mo De	Yr B. Time	(24 Hr. Clock)		<del></del>	Τ				
Section III—Terminal	ion Action										
17. Action to Term retrainin	inate Ha	inds on lucted o	SCSR tra	ining wa 13,2006	as giv ·	en to	the	miners	duri:	ng ann	ıal
18. Terminated	· -	Mo Da Yr 5/09/2007	B. Time (24 Hr.	Clock)	0800		<u> </u>				
Section IVAutomate	ed System De	de						<del></del>			
19. Type of inspect (activity code)	tion E	20. Event	Number	4134415	2	1. Primary	or Mill				
22. Signature		( <sub>o</sub>							VR Number	[6	
MSHA Form the establish agency enforcement ections 3rd Street, SW MC Including the right to	actions. The of MSHA, you	Business and Ag Ombudsman on u may call 1-888-	REG-FAIR (1-000	ry Ombudernen an nforcement scilviti -734-3247), or writ 	d 10 Regions es and rates to the Ombud to the Se a con	i raimees o each ageac eman st Sm mmant with	y's respond well Busined the Ombu	siveness to en es Administrat demen la in ec	nell business. Ilon, Office of Idition to any	If you wish to the National C	comment on the

#### U.S. Department of Labor Mine Safety and Health Administration



<del> </del>	ion Date									<del></del>				
1. Date	Mo Da 05/09/2		2. Time (2	4 Hr. Clo 080					-	Citation/ Order Nu	mber	710091	4	· ·
4. Served To Carl Crumi			man				erator LF RU	N MINI	NG CO	)MPÅN	ſΥ			
6. Mine	illo, Mili	E FOICE	المانا			7. Mk		<del>,</del>						
SAGO MII	VF.							46-08	/91					ntractor)
8 Condition of	Practice											a, Written N		
The app	roved	min	e emer	gency	/ evacuati	on and	fir	efigh	ting	prog	ram	of ins	truc	ction
was not	bein	a fo	llowed	betv	veen Decem	ber 19	, 20	04 an	d Ja:	nuary	72,	2006 a	יב בו	ie.
Sago mi	ne as	rec	uired	on pa	age 7 of t	he pro	gram	ı. Th	ere v	were	18 o	ccas10	ns v	vnen
aithar	an al	art i	or ala	rm wa	as signale	d from	. the	CO m	onit	oring	, sen	sor "(	Sta.	)
1.99 1	Left	Sect.	ion CO	Mon	itor)" ran	ging f	rom	10 to	26 ]	parts	per	milli	OU (	20
and app	ropri	ate.	action	was	not taken	. The	: [		(	•			/٧	vas
resetti	na th	A 5A	nsor a	nd no	ot taking	the ap	prop	riate	act.	icn.	The	progra	ma.	LSO
require	s tha	t, ".	A reco	rd of	f each ale	rt and	ala	rm si	gnal	give	en an	a the	act	ion
taken s	hall	be m	aintai	ned a	at the min	e for	a pe	riod	of l	year	. "	There	was	no
record	kept	of a	ction	taker	n in respo	nse to	AMS	aler	ts a	nd al	larms	•		
										See Con	ntinuation i	Form (MSHA	Form 70	00-3a)
9. Violation	A. Health		B. Section			C. Part/Sec	tion of							
J. 4K430A1	Safet	= •	of Act			Title 30 (	CFR			75.15	502(a)			
	Othe					<u> </u>								······
Section II—Inspe	ector's Eval	ntion								. —	•			
10. Gravity:		-> 6->	No. I Heeffe	~~d 🗀	Unilikely [7]	Read	nnably l	Jikely 🔽	Hic	hly Likely	, []	Occurre	d 🗍	
A. Injury or	· · · · · · · · · · · · · · · · · · ·		No Likelih	- L	Classos			, <u>G</u>					_=_	
B. injury or	r illness cor be expects		No Los	st Works	ays 🗌 Lost'	Worldays O	Restric	ted Duty [	) 1	Permaner	ntiy Disab	aling []	Fatal	<u>M</u>
C. Signific				- [7]		· ·			D. I	kumber of	Persons	Affected:	029	9
O. Ograno			Yes		No [									
11. Negligeno			A. None		B. Low	C. Moderate		D. Hi	gh 🗹		E. Reckle	sa Disregen	<b>4</b> 🗆	
	e (check o	16)			B. Low	C. Moderate			gh 🔽 Citatio		Order	Ø	Safe	eguard [
11. Negligeno	e (check or ction	16)	A. None		B. Low	issuance (ch	neck one	)		n []	Order		Safe	eguard [] Da Yr 09/2007
11. Negligeno 12. Type of Ad 14. Initial Action	e (check or ction on Ø B. O	104(	A. None [ d)(1)  C. Safegu	ard [	B. Low   13. Type of	issuance (ch	neck one	)	Citatio	n []	Order	Ø	Safe	Da Yr
11. Negligeno 12. Type of Ad 14. Initial Acti	e (check or ction on Ø B. O	104(	A. None [ d)(1)	ard [	B. Low   13. Type of	issuance (ch	neck one	)	Citatio	n []	Order	Ø	Safe	Da Yr
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11. Negligeno 12. Type of Ad 14. Initial Acti A. Citation 15. Area or Ed	e (check or ction on Ø B. O quipment	104(	A. None [d)(1)  C. Safeguire mi	ard [	B. Low   13. Type of	issuance (ch	neck one	)	Citatio	n []	Order	Ø	Safe	Da Yr
11. Negligeno 12. Type of Ad 14. Initial Action	e (check or ction on Ø B. O quipment	104(	A. None [ d)(1)  C. Safegu	ardne.	B. Low   13. Type of	E. Cit	neck one	)	Citatio	n []	Order	Ø	Safe	Da Yr
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#### Mine Citation/Order Continuation

### U.S. Department of Labor Mine Safety and Health Administration



Continuation		1000000	
Section I-Subsequent Action/Continu 1. Subsequent Action 1a. Continu	uation Data  2. Dated (Original issue)	Mo Da Yr 3. Citation/ Order Number 710	0914 - 01
4. Served To		05/09/2007 Creat Number 7.10 5. Operator WOLF RUN MINING CON	IPANY
Carl Crumrine, Mine Fore 6. Mine SAGO MINE	11811	7. Mine 1D 46-08791	(Contractor)
Section II—Justification for Action			
Change	From	То	•
8. Condition Or Practice			
n Madified due to o	lerical error		· ·

Reason Modified due to clerical error.

The date December 19, 2004 is modified to December 19, 2005.

,								See Continuation Form
Section III-Subse	quent Action Take	an .						
8. Extended To	A. Date	Da	Yr B. Time (24	Hr. Clock)		C. Vacated	D. Terminated	E. Modified
Section IV-Inspe			10. Event Number	4134415				
9. Type of inspe	ection E16		IV. EVENCTION	4134413			140 The 194 He Cl	· · · · · · · · · · · · · · · · · · ·
11. Signature			7 T	AR Number	12. Date	Mo Da Yr 05/10/2007	13. Time (24 Hr. CI 0747	
	D-3e, Mar 65 (revis	red)						

# U.S. Department of Labor Mine Safety and Health Administration

			1011110			
Section I-Vic	olation Data					100
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clock) 0800		3, Citation/ Order Number	7100915	
4. Served T			5. Operator			
Carl Cru	mrine, Mine Fore	man	WOLF RUN	MINING COMPANY		
6. Mine SAGO M	(INE		7. Mine ID 4	6-08791		(Contractor)
	n or Practice				8a. Written Notice	

The approved mine emergency evacuation and firefighting program of instruction was not followed at the Sago mine. Page 7 of the program states, "when the carbon monoxide warning system give an audible alarm at 15 ppm above the established ambient level at shift change, no one shall be permitted to enter the mine except qualified persons designated to investigate the source of the alarm". On January 2, 2006 at 6:05:10 a.m., Station 1.99, CO sensor at the 1 Left section gave an alarm of 26 parts per million. The alarm was reset without anyone investigating the source of the alarm and the 1 Left section miners working the shift were permitted to enter the mine.

9. Violation	A. Health [	= 1 '	B. Section of Act		C	Part/Section of	1	9ee Continu 75.1502	etion Form (MSHA 2(a)	Form 7000-3e)
ļ	Other		4							
Section II—Inspe	octor's Evelua	lon								
10. Gravity: A. Injury or	r iliness (has)	(is):	No Likelih	00d []	Unlikely	Reasonably	Likely 🔽	Highly Likely	Occum	<b>d</b> 🗌
	ilinees could be expected		No Los	t Workdays	☐ Lost Wo	rtedays Or Restr	icted Duty 🗌	Permanently	Disabling [	Fatal 🗹
C. Significa	ant and Subs	dantisi:	Yes	No.				D. Number of Pe	ersons Affected:	029
11. Negligeno	e (check one	)	A. None	] B.	Low 🗌 C.	Moderate	D. High	<b>☑</b> E. I	Reckless Disregal	4 []
12. Type of A	ction	104(d	)(1)		13. Type of Isa	uance (check o	ne)	Citation 🗌 🤇	Order 🗹	Safeguard [
14. Initial Action	on		C. Safegu	erd D.	Written Notice	E. Citation/ Order Nu	mber	7100911	F. Dated	Mo Da Yr 05/09/2007
6. Terminatio	on Due	A. Date	Mo Da	Yr B.	Time (24 Hr. Clock)					
Section #I—Ten	mination Actio	n								
17. Action to respons					s of 75.1 h the ope		regard to	o AMS ala	rm and a	lert
18. Terminate	ed A. Date		Da Yr 9/2007	B. Time (24	Hr. Clock)	0800				
	tornated Syste	m Dete								
Section IV-Aut	<u> </u>			N		[21. F	rimary or Mill	} ·		
Section IV—Aut 19. Type of in (activity or		E16	20. Event	( PALITED EX	4134415					

has astable — a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Falmess Boards to receive comments from small businesses about federal agency anforcement actions. The Ombudsman annually evaluates enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

# U.S. Department of Labor



10 Ottorio	n/Order					Mine Safe	ty and r	of Labor lealth Adi	ninistra	UOII		•	
tion i-Violetice	- Date							12.0	itation/	<u></u>	0016		
	Mo Da Yr		2. Time (24 H	r. Clock)					rder Num	wber 710	0916		
Date (	05/09/200			0800		5. Operator							
Served To	<u> </u>					WOLF R	IN MIN	VING CO	MPAN	Y			
ul Crumri	ne, Mine I	Forem	an			7. Mine ID							-44
Mine						7. MINIO 10	46-0	8791				(Contra	
AGO MIN	E					1				8a. W	ritten Not	ice (103g)	100
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	Other	<u></u>											
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O. Gravity: A. Injury of B. Injury of Social States of Education Section Sec	r liness (has r liness coul be expected cent and Sub ce (check on Action tion B. Or Equipment	) (is): d res- to be: stantish: e)  104 The	No Lost Yes A. None [] (d)(1) C. Safeguar e entire Mo Da	Workdays   No   B. Low   B. Low   P. Write   D. Write   Winder   Wind	Lost World C.  13. Type of less ten Notice  ground m	Moderate Luance (check E. Citation Order N	one) / jumber	b. High 🗹	Permane Number of on   O911	of Persons Af E. Racidess Order	Sected: Disregan	O10 d  Safeg  Mo D  05/0	guard [
O. Gravity: A. Injury of B. Injury of B. Injury of B. Injury of B. Injury of A. Signific 11. Negligent 12. Type of A. Citation 15. Area or E. 16. Terminal Section II—To A. Citation to annual	r liness (has r liness coul be expected cent and Sub ce (check on Action  B. Or Equipment  tion Due  ermination Act o Terminate L retra	A. Dates	No Lost Yes A. None [] (d)(1) C. Safeguar e entire Mo Da	Workdays	Lost World C.  13. Type of isesten Notice  ground m  15. Type of isesten Notice  pround m  16. (24 Hr. Clock)  17. Type of isesten Notice  pround m  18. Type of isesten Notice  pround	Moderate Luance (check E. Citation Order N	one) / jumber	b. High 🗹	Permane Number of on   O911	of Persons Af E. Racidess Order	Sected: Disregan	O10 d  Safeg  Mo D  05/0	guard [
O. Gravity: A. Injury of B. Injury of Social States of Education Section Sec	r liness (has r liness coul r be expected cent and Sub ce (check on Action lition Equipment tion Due emination Act o Terminate L retra	(w): d res- to be: stantial: e)  104  The aini:	No Lost  Yes  A. None   (d)(1)  C. Safeguar  e entire  Mo Da  e firef ng cond	Workdays   No   B. Low   B. Low   P. Write   D. Write   Winder   Wind	Lost World C.  13. Type of isesten Notice  ground m  15. Type of isesten Notice  pround m  16. (24 Hr. Clock)  17. Type of isesten Notice  pround m  18. Type of isesten Notice  pround	Moderate Lumce (check E. Citation Order N ine	one) / jumber	b. High 🗹	Permane Number of on   O911	of Persons Af E. Racidess Order	Sected: Disregan	O10 d  Safeg  Mo D  05/0	guard [
O. Gravity: A. Injury of B. Injury of B. Injury of B. Injury of B. Injury of A. Signific 11. Negligent 12. Type of A. 14. Initial Act A. Citation 15. Area or E. 16. Terminal Section III—To Annual 18. Terminal 18. Terminal	r liness (has r liness coul r be expected cent and Sub ce (check on action library Equipment tion Due emination Act o Terminate retra	A. Date of the control of the contro	No Lost  Yes  A. None   (d)(1)  C. Safeguar  e entire  Mo Da  e firef ng cond  lo Da Yr  1/09/2007	Workdays       No       B. Low   rd   D. Write under continuous properties       ighting ucted on     B. Time (24 Ho	Lost World  C.  13. Type of isesten Notice  ground m  15. Type of isesten Notice  ground m  16. (24 Hr. Clock)  17. Clock)	Moderate Luance (check E. Citation Order N ine  of ins 3/13 2	one)  struction Dul  in one)  in one)  in one)	by D. D. High 🗹 Citation W	Permane Number of on   O911	of Persons Af E. Racidess Order	Sected: Disregan	O10 d  Safeg  Mo D  05/0	guard [
O. Gravity: A. Injury of B. Injury of B. Injury of B. Injury of B. Injury of A. Signific 11. Negligent 12. Type of A. Citation 15. Area or E. 16. Terminal Section III—To annual 18. Terminal Section IV—4. 19. Type of Injury of	r liness (has r liness coul r be expected cent and Sub ce (check on Action  Ition B. Or Equipment  tion Due emination Act o Terminate retra  sted A. Det Automated Sys	A. Date of the control of the contro	No Lost  Yes  A. None   (d)(1)  C. Safeguar  e entire  Mo Da  e firef ng cond  lo Da Yr  1/09/2007	Workdays       No       B. Low   rd   D. Write under continuous properties       ighting ucted on     B. Time (24 Ho	Lost World C.  13. Type of isesten Notice  ground m  15. Type of isesten Notice  pround m  16. (24 Hr. Clock)  17. Type of isesten Notice  pround m  18. Type of isesten Notice  pround	Moderate Luance (check E. Citation Order N ine  of ins 3/13 2	one) / jumber	by D. D. High 🗹 Citation W	Permana Number of 0911	F. D	Sected: Disregan deted	Fatal 5	guard [
O. Gravity: A. Injury of B. Injury of B. Injury of B. Injury of B. Injury of A. Signific 11. Negligent 12. Type of A. Citation 15. Area or E. I. Terminal Section III—To annual 18. Terminal Section IV—IIII. Type of (sctivity)	r liness (has r liness coul r be expected cent and Sub ce (check on Action lion B. Or Equipment tion Due commination Act o Terminate L retra sted A. Det Automated Sys (inepection r code)	A. Date of the control of the contro	No Lost  Yes  A. None   (d)(1)  C. Safeguar  e entire  Mo Da  e firef  ng cond  lo Da Yr  1/09/2007	Workdays   No   No   B. Low    If D. Write undergonal parting   D. Time   D.	Lost World C.  13. Type of isesten Notice  ground make (24 Hr. Clock)  program n 3/10 & r. Clock)	Moderate Lumnce (check E. Citation Order N ine  of ins 3/13 2	one) // jumber struct 2006.	by D. D. High  710	Permana Number of	Persons Af E. Racidess Order  F. D  eviewed	Sected: Disregan deted	Fatal 5 010 d □ Safeg Mo D 05/0	guard [
10. Gravity: A. Injury of B. Injury of B. Injury of B. Injury of B. Injury of A. Signific 11. Negligent 12. Type of A. 14. Initial Act A. Citation 15. Area or E. 16. Terminal Section II—To Action to annual 18. Terminal 18. Terminal 19. Type of (sctivity 22. Signature)	r liness (has r liness coul r be expected cent and Sub ce (check on Action lition B. Or Equipment tion Due emination Act o Terminate retra sted A. Det Automated Sys (inepaction r code)	A. Date of the part of the par	No Lost  Yes  A. None   (d)(1)  C. Sufeguar  e entire  Mo Da  e firef  ng cond  lo Da Yr  //09/2007  20. Event	Workdays	Lost World  C.  13. Type of isesten Notice  ground m  15. Type of isesten Notice  ground m  16. (24 Hr. Clock)  17. Clock)	Moderate Luance (check E. Citation Order N ine  of ins 3/13 2	structed Dul	tion w	Permane Number of 0911	AR Number	Small Bust	Fatal 5 010 d □ Safeg Mo D 05/0	guard [ s Yr 9/200

3rd Street, SW MC 2120, Weshington, DC 20416. Please note, however, that your right to file a comment with the Ombudamen is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

Mine	Citation/Order
Conti	oustion

# U.S. Department of Labor Mine Safety and Health Administration

7

Continuation			Mille 9	alety and near		
Section I-Subsequent Action/Continuation Date						
1. Subsequent Action 1a. Continuation	2. Dated (Original Issue)	Mo De 05/09/2	• • • • • • • • • • • • • • • • • • • •	3. Citation/ Order Number	7100916	
4. Served To Carl Crumrine, Mine Foreman			5. Opera WOLF	tor RUN MINING	COMPANY	
6. Mine SAGO MINE			7. Mine I	46-0879	1	(Contractor)
Section I kustification for Action						

#### Continuation of 8. Condition or Practice

program. Timely and rapid evacuation of the area is of the utmost importance in saving miner's lives.

							See Continuation Form
8. Extended To	Mo 1	Da Yr			C. Vacated	C S Tombeted	E. Modified
^	. Delto		B. Time (24 Hr. Clock)		C. Vacadeo	D. Terminated	
Section IV-Inspection	n Data						
9. Type of Inspection	on E16	10. 8	Event Number 4134	415			
11. Signature	6		AR Number	12. Date	Mo Da Yr 05/09/2007	13. Time (24 Hr. Ci 0800	ock)
MSHA Form 7/960-3a	, Mar 65 (revises)						

### U.S. Department of Labor Mine Safety and Health Administration



	Willio Carony
Section I-Violation Data  1. Data Mo Da Yr 2. Time (24 Hr. Clock)	3. Citation 7100917
I. Date	Order Number 7100717
4. Served To	5. Operator WOLF RUN MINING COMPANY
Carl Crumrine, Mine Foreman	7. Mine ID 46-08791 (Contractor)
6. Mine	8a. Written Notice (103g)
SAGO MINE  B. Condition of Practice	in the investigation, it was

Based on interviews conducted during the accident investigation, it was determined that mine dispatchers, designated as the responsible persons, were not knowledgeable in the mine ventilation system, the location of the mine escapeways, the mine monitoring system and the mine emergency evacuation and firefighting program of instruction.

											See C	ontinuation	Form (M	SHA Form 7	000-3e)	V
Violation	A. Health Safety Other	7	B. Section of Act				rt/Sectio e 30 CF				75.	1501(a)				
ection il-Inspec	or's Evelue	lion														
), Gravity: A. Injury or II	laune /hee	\ /in\·	No Likeliho	od 🗍	Unlikely [		Reser	ably Li	kely [	<u></u>	lighly Lik	ely 🗸	00	curred [		
B. Injury or II				Workdays		Workd	ays Or R	estrict:	d Duty		Perma	nently Dis	abling [	] Fad	<b>a 2</b>	_
eonably b	expected	to be:	No roer	AAOIKGays			<u> </u>				). Numbe	r of Perso	ns Affect	ed: C	29	
C. Significar	nt and Sub	stantial:	Yes	<b>☑</b> No												_
11. Negligence	(check on	e)	A. None	) B.	Low [	C. M	oderate		D.	High 🔽				regard 🗌		=
					13. Type	of Issua	nce (che	ok one)	)	Cit	ation 🗌	Ord	er 🗹	S	afeguard	므
12. Type of Act		1040	d)(1)  C. Safegua		Written Notice		E. Citati			71	00911		F. Dated		to Da Yr 5/09/200	
16. Terminatio	n Due	A. Dat	Mo Da	Yr B.	Time (24 Hr. C	lock)										
Section III—Term	Inetion Ac	ion								ر فی ام م	n ene	cifi	c dut	ies		
17. Action to T require trainin	erminate	Al: a re	mine esponsi en to e	dispat ble pe ach pe	chers herson and erson the	nave nd t nat	been este may	n tr d. act	The	wri this	tten posi	exam ition	inati befo	on ar	nd ———	
18. Terminate		M	o Da Yr /09/2007		4 Hr. Clock)		0800									
Section IV-Aut	ometed Sys	tem Det						21. Pr	knary o	r Mill	$\neg \Gamma$					
19. Type of In	epection ode)	El	20. Even	t Number	4134	115					12	B. AR Nun	nber	6	7	
22. Signatur.			6		raprovisions of	he Smal	Businee	Regul	ntory En	forcement	Fairness	Act of 199	5, the Sma	# Business	Administrati	lon
MSHA Forf has estably agency enforcement a 3rd Street, SW including the r	ment actio	ns. The	usiness and A Ombudsman s	gricultura Reg innually evalua LIDEGLEAIR (	ulatory Circuits ites enforcement 1-888-734-3247	t activitie , or write	s and rat the Omi	udema:	agency at Sm	's respons all Busines	iveness to se Adminis teman is is	email bus dration, Of addition 1	iness. If yo fice of the i c any other	Marinani Ori	harlemen.	

# U.S. Department of Labor Mine Safety and Health Administration

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Communion				17/11/0 0				
Section I—Subsequen	it Action/Continuation Data							
1. Subsequent Act	on 1a. Continuation	2. Dated (Original Issue)	Mo C 05/09/		3. Citation/ Order Number	7100917		
4. Served To				5. Operat				
Carl Crumrine,	Mine Foreman			WOLF	RUN MININC	G COMPANY		
6. Mine				7. Mine (C	46 0070	11	(Contractor)	
SAGO MINE					46-0879	'1		
Onether M. Arribandh	w for Bellen							

Continuation of 17. Action to Terminate

assuming these duties. Training is documented on form 5000-23.

							See Confinuation Form
Section BI-Subse	quent Action Taken						
8. Extended To	A. Date Mo D	a Yr	B. Time (24 Hr. Clock)		C. Vacated	D. Terminated	E. Modified
Section IV-Inspe	ction Data						
9. Type of Inape	ection E16	10. [	event Number 4134415				
11. Sigr	6	-	AR Number	12. Date	Mo Da Yr 05/09/2007	13. Time (24 Hr. Cl 0800	· ·
MSHa JOY	3a Mar 85 (revised)	-					

# U.S. Department of Labor Mine Safety and Health Administration

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Section I-Vi	oletion Data					
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clock) 0800		3, Citation Order i		00918
4. Served T Carl Cru			5. Operator WOLF RUN MINING COMPANY			
6. Mine SAGO MINE		7. Mine ID	46-08791		(Contractor)	
	or Practice				8a. W	ritten Notice (103g)

The approved mine emergency evacuation and firefighting program of instructions was not followed. Miners failed to act in accordance with the emergency evacuation SCSR donning procedures. Six miners of the 1st left crew did not don their SCSR's as required during the mine emergency that occurred on January 2, 2006. Four other miners failed to don their SCSR when evacuating the mine after the explosion. Failure to don SCSR devices as required during fire or explosion could be a contributing factor in the death of miners.

					See Continuat	ion Form (MSHA	Form 7000-3e)
9. Violation A. Health Safety Other	B. Section of Act		C. Part/Section of Title 30 CFR		75.1502(	a)	
Section II-inspector's Evaluation							<del></del>
10. Gravity: A. injury or Itiness (has) (is):	No Likelihood [	Unitively [	Research	Likely 🗌	Highly Likely 🗹	Occurre	sd 🗀
B. injury or limess could rea- sonably be expected to be:	No Lost Work	days 🗌 Lost	Workdays Or Restr	icted Duty	Permanently D	leabling 🗌	Fattel 🕢
C. Significant and Substantia	l: Y⇔ 🗹	No 🗌			D. Number of Pen	ons Affected:	010
11. Negligence (check one)	A. None	B. Low	C. Moderate	D. High	E. Re	ckless Diarega	d []
12. Type of Action 104	(d)(1)	13. Type of	lesuance (check or	ne)	Citation [ ] Or	der 🗹	Safeguard [
14. Initial Action A. Citation  B. Order	C. Safeguard [	D. Written Notice [	E. Citation/ Order Nut	mber	7100911	F. Dated	Mo Da Yr 05/09/2007
15. Area or Equipment NO  16. Termination Due A, Dat	area or ec	B. Time (24 Hr. Clo	nck)			<del></del>	
Section III—Termination Action							
17. Action to Terminate Red	quirements	of the eme	ergency ev	acuation	n and fire	fighting	<b>J</b>
program of inst:			ning proce	dures w	ere given	during a	annual
retraining on 3	/10 £3/13 2	2006.			···		
TO TOTAL PROPERTY OF THE PARTY	o Da Yr /09/2007 B. Tim	e (24 Hr. Clock)	0800		· · · · · · · · · · · · · · · · · · ·		
Section IV-Automated System Date							
19. Type of inspection (activity co E1	20. Event Numbe	413441	.5 21. P	rimany or Mili			
22. Signature	- 6				23. AR Nur	ther [ 6	5 ]

MSHA Form a, were to (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudeman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudeman servelly evaluates enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudeman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

COSTINGO THOROTO VOITHI

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# U.S. Department of Labor



MIIIG Citatio					Mine	Safety	and Healt	h Adr	ninistratio	on		
Section I-Violati	on Data											
1. Date	Mo Da Yr		2. Time (24 Hr. Clo	ck)					itation/ Inder Numbe	_ 7100	919	
.,	05/09/200		080	0					I CE NUILLA			
4. Served To		•			5, Op	erator r 10 10 11	N MINING	2 CO1	VICANIV			
Carl Crumi	ine, Mine	For <del>a</del> m	an						MAIN			
6. Mine					7. Mir	ie ID	46-0879	1				(Contractor)
SAGO MI										8a. Writ	ten Notic	
8. Condition or	Practice				4	<del></del>	goalod	370	a of t			
on Janu explosi 1st Lef crosscu 5 minut a mine testimo notific investi	ary 2, on as a to sect the sect to sect the sect to sect the sect to sect the sect to	200 requion he ter to	rred at to 6, at 6:2 ired. Ac foreman, ime of the explos in here explosed to first was rector of ISHA. His adicated to de at 7:50	6 a.m. Mocording to who was use explosion. He and "get made by the Safety and telephon hat the fooder or the foode	o testindergroon made informe mine rehose ped Emplo	mony und a c d mi scue cople	during at the all to ne mana teams to con Develor	tra the agem her ntac omen ded	e invectors in the surfacent, e now. t MSHI to	estigatich a ace apportunit ace apportunit ace apportunit ace	tion, t 49 prox: "we' cord: cord: the ing	, the 1/2 imately we had ing to ing to the
explosi	on was	mac	ie at /:50	a.m. on					See Continu	ation Form (h	ASHA For	m 7000-34) 🗹
9. Violation	A. Health Safety	<b>∠</b> ,	B. Section of Act		C. Part/Ser Title 30				50.10			
Section II—Insp												
10. Gravity:	·						1 dank (	Lilente	dy Likely	- A	curred	$\neg$
	r liinees (has) r liinees could		No Likelihood	Unitikely 🖳	t Worledays O		ted Duty			Disabiling [		Fatal 🗹
sonably	be expected (	o be:	No Lost Work	says []				D No	- A Pa	ersons Affec	lect	010
C. Signific	ant and Subs	tential:	Yes 🗌	No ☑								018
11. Negligeno	e (check one)		A. None	B. Low 🗌	C. Moderati		D. High	Citation		Recidens Dis	regard (	Safeguard
12. Type of A	ction	104(a	u)	13. Type	of Issuance (C		•)	Chatton		F. Date		Mo Da Yr
14. initial Acti A. Citation		<b>x</b> 🗌	C. Safeguard [	D. Written Notice	1	ation/ der Num	ber	-,-		1		
15. Area or E	n T		Mo De Yr	B. Time (24 Hr. C	the M	0800						
10. 10.	/	L. Date	05/09/2007	B. (and (24 Hz. C		0800						
	minution Action	<u> </u>	gress has		o Vinc	Tmm	COVEMBN	t ar	nd New	Emero	encv	,
17. Action to	Terminate	Con	gress has	passed tr	ie wine	rubi	Final m	נים. ייוור	has h	een di	stri	buted
Respon	se Act	of :	gress has 2006. The	provision	IS OF C	172	final t	mre viile	1102 N	CC11		
and di	scussed	l wi	th the mir	ling commu	inity.	11172	Illiai	Ture				
18. Terminat	A. Date		Da Yr 9/2007 B. Tim	e (24 Hr. Clock)	0800							,
Section N-A	tornated System					T= . ' = .						
19. Type of i		E16	20. Event Numbe	41344	15	21. Pri	imary or Mill		1	<del></del>		<del></del>
22. Signature		6							23. AR Nu		6	1
MSHA Form 7 has autablishe agency enforcement a	ement actions.	The On	1 accordance with the secondance with the secondance and Agriculture inbudsmen armusity every call 1-888-REG-FA	ELIZABETH CHARLES	nan and 10 Regi activities and re	iones resi ios esch ibudemen	agency's respon	nsivenos ess Adm	s to small bu	siness. If you office of the N	wish to detional Or	comment on the abudamen, 409

3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to Bie a comment with the Ombudaman is in addition to any other rights you may have, including the right to contest obstitons and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

# U.S. Department of Labor Mine Safety and Health Administration



2. Dated (Original Issue)	Mo 05/	Da /09/20	•••		7100919	
			WOLF	RUN MINING	COMPANY	
			7. Mine IC	46-0879	1	(Contractor)
				10 0017		
			(Original lease) 05/09/20	(Original lessue) 05/09/2007 5. Operato WOLF	(Original Issue) 05/09/2007 Order Number  5. Operator WOLF RUN MINING	(Original Issue) 05/09/2007 Order Number /100919  5. Operator WOLF RUN MINING COMPANY

Continuation of 8. Condition or Practice

January 2,2006.

The violation is not marked "significant and substantial" only because, at the time of the violation, 30 C.F.R. 50.10 was a regulation and not a standard and because of a Court decision holding that only violations of mandatory standards can be "significant and substantial". Otherwise, this violation is reasonably likely to be cause a reasonably serious injury since failing to timely notify MSHA of emergency accident events could delay important health and safety decisions affecting miners at the mine.

#### Continuation of 17. Action to Terminate

requires mine operators to make notification of all incidents/accidents which pose a reasonable risk within 15 minutes to MSHA. More timely notification has been discussed with the mine operator. This violation is reasonably likely to cause a reasonably serious injury. The violation is not marked "significant and substantial" only because of a court decision holding that only violations of mandatory standards can be "significant and substantial".

										See Continuation Form
Section II-Subse	quent Actio	n Tale	h							
8. Extended To	A. Data	Мо	Da	Yr	B. Time (24	Hr. Clack)		C. Vacated	D. Terminated	E. Modified
Section IV-Inspec	tion Data								······································	
9. Type of Inspe	ction E	16		10. E	vent Number	4134415				
11. Signatu.	(			<u>-</u> ــــــــــــــــــــــــــــــــــــ	]_	AR Number	12. Date	Ma Da Yr 05/09/2007	13. Time (24 Hr. C 0800	
MSHA Form nav	-3a, Mar 85	(10) <sub>100</sub>	P.4.7		-					

# U.S. Department of Labor



					Mine	Safety	y and Healtl	h Admini:	stration			N
Section I-Violatio	on Data						<del></del>					
1. Date	Mo Da Yr 05/09/2007		(24 Hr. Clock) 0800					3. Citation Order	n/ Number	71009	20	
4. Served To	00.0272237					erator						-
Carl Crumri	ine. Mine Fo	reman			WO	LF RU	N MINING	COMPA	NY			
6. Mine					7. Mir	ne ID	46-0879	1				
SAGO MIN	IE				l		40-0077					tractor)
B. Condition or										8a. Written		
A explo	sion occ	curred	at the S	ago mine	, I.D	.46.	08791 i:	n the	seal	ed are	a or	tne
2 North	Mains o	on Janu	ary 2, 2	006, at	6:26	a.m.	The Mi	ne Eme	ergen	cy Eva	cuati	on
and Fire	efightir	ng Prog	ram of I	nstructi	on ap	prov	ed on F	ebruar	y 3,	2004	was n	OT.
complie	d with.	On pa	ge 12 of	the pla	n_und	er "	Mine Re	scue"	it s	tates	"In t	ne.
event of	f a mine	e fire	or explo	sion the	Barb	our (	County	Mine F	lescu	e team	, 1s t	o be
notifie	d immedi	lately	at 457-2	745." T	he Ba	rbou	r Count	y Mine	Res	cue te	am wa	s
not imm	ediately	y notif	ied of t	he explo	sion.	Ac	cording	to t	esti	nony d	uring	the
investi	gation,	the 1s	t Left s	ection f	orema	n, w	ho was	underg	roun	d at t	he tr	ack
				the time								
surface	approxi	imately	5 minut	es after	the	expr	osion.	He in		ed the		
				nt that	"we'v	e nac	d a min	e expi	.05101	n in n	ere"	and
"get min	ne rescu	ie team	here no	W."								
		<u> </u>						S64 C	onthreadon	Form (MSH/	1 Form 7000	K34) V
9. Violetion	A. Health [] Safety []	B. Section of Act	1	1	C. Part/Sec Title 30 (			75 15	502 <b>(a)</b> (1	()		
1	Other	01700		ĺ				,,,,,	02(4)(	• •		
Section II-Inspec	dor's Evaluation											
10. Gravity:							_			_	. —	
	linese (has) (ls)		hood []	Unilkely [	Reas	onebly Li	kaly 📗	Highly Like	* 6	Occur	red 🗌	
	liness could res a expected to b		net Workdays [	Lost We	orledays Or	Restricte	ed Duty 🗌	Permen	ently Disa	biling 📋	Fatal 5	Ø
	nt and Substant		ss 🗹 No					D. Number	of Person	a Affected	018	
11. Negligence	(check one)	A. None	□ B. L	ow 🗌 C	. Moderate		D. High	<b>Z</b>	E. Reck	less Diarega	rd 🗆	·
12. Type of Act	ion 10	4(d)(1)		13. Type of iss	euance (ch	eck one)	a	tation 🗌	Order		Safeg	puard 🗌
14. Initial Action A. Citation		C. Safeg	uerd: D.W	ritten Notice	E. Cita Ord	ition/ er Numbi	71 er	00911	1	. Dated	Mo Dr 05/09	<b>a</b> Yr 9/2007
15. Aree or Equ	doment Fir	ntire m	ine.									
•												
40 Townson	- T	Mo Da	V. 1									
16. Termination	A. Di	ate mu Da	'' B. Tir	ne (24 Hr. Clock)	}							
Section III-Term	Instice Action											
17. Action to Te		naress	has pas	sed the	Mine	Impro	vement	and N	ew En	nergen	CV	
				visions								ed
				communi								
	<del></del>	Mo Da Yr	1		-1							
18. Terminated	I A Dote	5/09/2007	B. Time (24 H	r. Clock)	0800	- 1						
Section IV—Autor			<del></del>						-			
19. Type of Ins			t Number	4134415		21. Prim	ary or Mili					
(activity cod	e, EI	<u>-</u>		1134413			·.		R Number	·	- 7	
22. Signature		6								<u> </u>	<u></u>	
MSHA Form	, Aar 85 (revie	ed acco	rdance with the pr	ovisions of the Sma	di Business	Regulator	y Enforcement F	elmoss Act o	of 1996, the	Small Busin	ees Adminis	stration
has establish sowner enforcem	ant antinna The	Ombudemen at	antenievo vilentos	ory Ombudsman an enforcement activiti	ies and rate	s each add	ency∕s responsive	ences to sme	di business	. If you wish	to comment	on the
enforcement activ	one of MSHA. you	mey cell 1-888	-REG-FAIR (1-86)	8-734-3247), or writ	te the Ombu	deman et	Smell Business	Administration	оп, Оппсе с	f the National		an, 409
and Street, SW	MC 2120, Weshir	igitori, DC 20416	i. Please note, ho of peopletics and of	waver, that your rig	on the Fede	cal Mine S	alety and Health	Review Con	won 10 mly Mission.	Color (QUE)	AND ITEMS THESE	-,

#### Mine Citation/Order Continuation

### U.S. Department of Labor Mine Safety and Health Administration



OOM MANAGEMENT				-		
Section I-Subsequent Action/Continuation Date			10	Ob Nool	<del></del>	
1. Subsequent Action 1s. Continuation	2. Deted (Original Issue)	Mo Da 05/09/20	•••	3. Citation/ Order Number	7100920	
4. Served To			5. Operator	AT TAT IN COLUMN	COMPANY	
Carl Crumrine, Mine Foreman				CON MINING	COMPANI	(Contractor)
6. Mine			7. Mine ID	46-0879	1	(00.12.0.7)
SAGO MINE						
Section II hastification for Action						

### Continuation of 8. Condition or Practice

According to testimony, no attempt was made by those people informed by the 1st Left foreman to get a mine rescue team. According to testimony the Director of Safety and Employee Development initiated the first attempt to contact the Barbour County Mine Rescue team. His telephone call log, provided to MSHA during the investigation, indicated that the first attempt to notify the rescue team after the explosion was at 8:04 a.m. on January 2, 2006.

#### Continuation of 17. Action to Terminate

Mine Emergency Evacuation and Firefighting Program of Instruction has been discussed with the mine operator.

								See Continuation Form
Section II Subse	quent Action Take	n						
8. Extended To	A, Date Mo	Da	Yr 8. Time (24)	ir. Clock)		C. Vacated	D. Terminated	E. Modified
Section IV—Inspec				1101116				
9. Type of Inspe	ection E16		10. Event Number	4134415				
11. Signature	6			AR Number	12. Date	Mo Dm Yr 05/09/2007	13. Time (24 Hr. Ci 0800	
MSHA Fo JC	)-3a, Mar 85 (revis	of	-	-				

# U.S. Department of Labor Mine Safety and Health Administration

<b>\</b> }

Section I-Violation Date					
1. Date Mo	Da Yr 9/2007	2. Time (24 Hr. Clock) 0800		Citation/ Order Number	7292254
4. Served To  Carl Crumrine, N			5. Operator WOLF RUN MINI	NG COMPANY	
6. Mine SAGO MINE			7. Mine ID 46-08	791	(Contractor)
8. Condition or Practic	<del>20</del>				8a. Written Notice (103g)

The cable supplying 128 vdc power to the trolley phone on the #8 mantrip does not enter into the metal frame through a proper fitting. The clamp on the strain relief was not over the cable jacket.

			See Continuation Form (MSHA	Form 7000-3a)
9, Violation A. Health Safety V	B. Section of Act	C. Part/Section of Title 30 CFR	75.515	
Section #-Inspector's Evaluation				
10. Gravity: A. Injury or illness (has) (is):	No Likelthood Unlikely	Reasonably Likely	Highly Likely Occurr	<b>#</b> 🗌
B. Injury or illness could rea- sonably be expected to be:	No Lost Workdays 🗹 Lo	st Workdays Or Restricted Duty		Fatal 🗌
C. Significant and Substantial	Yes No 🗹		D. Number of Persons Affected:	001
11. Negligence (check one)	A. None   B. Low	C. Moderate 🗹 D. I	ligh E. Reckless Disregar	d 🗌
12. Type of Action 104	(a) 13. Type	of Issuance (check one)	Citation 🗹 Order 🗌	Safeguard 🗌
14. Initial Action A. Citation B. Order	C. Safeguard D. Written Notice	E. Citation/ Order Number	F. Dated	Mo Da Yr
15. Area or Equipment				
16. Termination Due A. Date	Mo Da Yr 05/09/2007 B. Time (24 Hr. C	Clock) 0800		
Section III-Termination Action			<del></del>	
17. Action to Terminate The mine site.	#8 mantrip was tal	ken out of servic	ce and removed from	the
10. I dellination   A Dele	Da Yr 09/2007 B. Time (24 Hr. Clock)	0800	•	<del></del>
Section IV-Automated System Data				
19. Type of Inspection (activity code) E16	20. Event Number 41344	21. Primary or Mi		
22. Signature			23. AR Number	

#### U.S. Department of Labor Mine Safety and Health Administration



Section I-Vic	oletion Date				
1. Date	Mo De Yr 05/09/2007	2. Time (24 Hr. Clock) 0800		3. Citation/ Order Number	7292255
4. Served T			5. Operator WOLF RUI	N MINING COMPANY	
6. Mine SAGO M			7. Mine ID	46-08791	(Contractor)
	or Practice				8a. Written Notice (103)

The communication cable connected from the trolley phone to its longer antenna on the #8 mantrip was not protected from mechanical damage. There was a series of 3 or 4 small diagonal parallel slices in this cable's jacket in a location approximately 38 inches from the cable entrance to the antenna, but no conductors were visible. The jacket of the cable entering the shorter antenna was damaged at the point where it entered the antenna housing. An area of the cable approximately 1/8 inches long was missing the jacket, and the conductors were exposed. Also, the flange at the cable entrance to the speaker enclosure was broken.

										See C	ontinuatio	n Form (MSH/	N Form 7000-3e)
9. Violation	A. Health Safety Other		B. Section of Act				ert/Section to 30 CFR			75.	516-2(b	)	
Section II-Inspe	ctor's Evelus	tlon											
10. Gravity: A. Injury or	illness (had	i) (is):	No Likeliho	xd 🛂	Unlikely [	)	Reasona	bly Likeh	<b>,</b> 🗆	Highly Lik	ely 🗌	Occur	red 🗌
B. Injury or sonably	iliness coul	d rea- I to be:	No Lost	Workden	n 🗹 Lo	st Workd	ays Or Re	stricted i	Duty 🗌	<del></del>		abling 🗌	Fatal 🗌
C. Signific	ent and Sub	stantial:	Yes		No 🗹					D. Number	of Penso	ns Affected:	001
11. Negligeno	e (check on	e)	A. None		B. Low	C. M	oderate 💆	3	D. Higt	· 🗆	E. Rec	idees Disregi	ard 🖸
12. Type of A	ction	104(	1)		13. Туре	of Issue	nce (check	one)		Citation 🗹	Ord	w 🗌	Safeguard []
14. Initial Acti	on	der 🖂	C. Safegua	4 🗌 🏻	), Written Notice		E. Citation Order N					F. Dated	Mo Da Yr
15. Aree or E	quipment												
16. Terminati	on Due	A. Date	Mo Da Y 05/09/20	. 18	J. Time (24 Hr. C	lock)	08	00			<u> </u>		
Section III-Ter	mination Act	on											
17. Action to mine s:		The	#8 mai	ntrip	was tal	cen c	ut of	ser	vice	and re	emove	d from	the
18. Terminate	A. Date		Da Yr 09/2007	3. Time (2	24 Hr. Clock)	0	800						
Section N-Au	tomsted Syst	om Deta			<u> </u>		154		A A MI	<del>- 7</del>			
19. Type of ir		E16	20. Event l	lumber	41344	15	21.	Primary	OF MIN			···	
22. Signature		6	<u> </u>							23. /	AR Numb		Administration

MSHA Form 7000-3, Mar 85 (revised) in accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudaman and 10 Regional Fairness Boards to receive comments from small businesses about federal eigency enforcement actions. The Ombudaman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, including the right to contest classons and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

# U.S. Department of Labor Mine Safety and Health Administration



					<del></del>		
Section I-Vi	olation Date					<u> </u>	
1, Date	Mo Da Yr 05/09/2007	2, Time (24 Hr. Clock) 0800			3. Citation/ Order Number	7292256	
4. Served To Carl Crumrine, Mine Foreman		5. Operator WOLF RU	IN MINING C	OMPANY			
6. Mine			7. Mine ID	46-08791		(Contra	ctor)
SAGO MINE 8. Condition or Practice						8a. Written Notice (103g)	
5. Condition	n or Practice					5-1	_

The mine emergency evacuation and firefighting program approved on February 3, 2004, was not followed at this mine. The sensor for the Atmospheric Monitoring System (AMS) located at the 1 Left Section loading point would not activate the fire alarm signal when tested on February 1, 2006. Also, the dispatcher could not manually operate the fire alarm signal. The fire alarm signal was not wired properly. The fire alarm signal provides an audible and visual alarm on the working section when carbon monoxide reaches the alert and alarm levels.

					See Co	ntinuation Form (MSI	IA Form 7000-3s)
9. Violation A. Health Safety V	B. Section of Act	·	C. Part/Section of Title 30 CFR		75.1	502(a)	
Section II-Inspector's Evaluation					·		<del> </del>
10. Gravity: A. Injury or Hiness (has) (is):	No Likelihood 🗌	Unlikely [	Resonably	Likely 🗹	Highly Like	y ☐ Occu	rred 🗌
B. Injury or litness could rea- sonably be expected to be:	No Lost Workd	ays 🗌 Lost \	Workdays Or Restri	cted Duty 🗌		ently Disabling 🗹	Fatal 🗌
C. Significant and Substantia	f: Yes 🗹	No 🗌			D. Number o	of Persons Affected	010
11. Negligence (check one)	A. None	B. Low	C. Moderate	D. High		E. Reckless Disreg	ard 🗌
12. Type of Action 104	(a)	13. Type of	lasuance (check or	e) (	Citation 🗹	Order 🗌	Safeguard [
14. Initial Action A. Citation B. Order		D. Written Notice	E. Citation/ Order Nun	nber		F. Dated	Mo Da Yr
15. Area or Equipment  16. Termination Due A. Da	Mo Da Yr	B. Time (24 Hr. Clos				<u> </u>	
Section III-Termination Action	05/09/2007			L			
17. Action to Terminate Th observed during	e wiring fo the inspec	r the fire tion on Fe	alarm si bruary 1,	gnal has	s been	corrected	as
A. Date 05	/09/2007	(24 Hr. Clock)	0800				
Section IV-Automated System Dat			24 0	imary or Mili			
19. Type of Inspection (activity code) E1	6 20. Event Number	413441:	5 21. P				
22. Signature					23. A	R Number	Á J

MSHA Form 7000-3, Mar 65 (revised) In accordance with the provisions of the Small Business Requisitory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudaman and 10 Regional Fairness Boards to receive comments from small businesse about federal agency enforcement actions. The Ombudaman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-886-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, including the right to contact clusters and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.



Mine Citation/Order		U.S. Department Mine Safety and H	of Labor ealth Administration	
Section I-Violation Data			la ou want	
1. Date Mo Da Yr	2. Time (24 Hr. Clock)		3. Citation/ Order Number	7292257
05/09/2007	0800	5. Operator		
4. Served To		WOLF RUN MIN	ING COMPANY	
Carl Crumrine, Mine Foren	nan			
5. Mine		7. Mine ID 46-08	8/91	(Contractor)
SAGO MINE 8. Condition or Practice				8a. Written Notice (103g)
2004, was not for crosscut 16, was stored data in the 2006, revealed the first data from off for at least	cy evacuation and llowed at this min not calibrated when the Atmospheric Months at it had been 8 the master control of the control of the sensor.	ithin the required nitoring System () days since the ol station shows accident. The	d 31 days. FAMS) sensor of last calibrat that the AMS sensor had no man test	Review of the on January 30, tion. A review had been turned to been ted and found
			See Continuati	on Form (MSHA Form 7000-3a)
9. Violation A. Health Safety V	B. Section of Act	C. Part/Section of Title 30 CFR	75.1502(i	<b>a</b> )
Section II-Inspector's Evaluation				
10. Gravity:		Reasonably Likely	Highly Likely	Occurred [
A. injury or litness (has) (is):	No Likelihood Unlikel			
<ul> <li>B. Injury or illness could rea- sonably be expected to be:</li> </ul>	No Lost Workdays 🗌	Lost Workdays Or Restricted Duty		
C. Significant and Substantial	Yes 🗹 No 🗌		D. Number of Pers	
11. Negligence (check one)	A. None B. Low D	C. Moderate D.		ckless Disregard
12. Type of Action 104	(d)(1) 13. T	ype of Issuance (check one)	Citation 🗌 On	der Safeguard
14. Initial Action A. Citation  B. Order	D. A. C. S. Markey No.	E. Citation/ Order Number	7100911	F. Dated Mo Da Yr 05/09/200
	or Barn Spur, No.	1 belt crosscut 1	.6	
16. Termination Due A. Date	Mo Da Yr B. Time (24 I	-ir. Clock)		
Section III-Termination Action		1.15	served during	the inspection
	e sensor has been	calibrated as obs	served darring	2.10 2.15p000120.
on January 30,	2005.			
10. I GITTINITOU   A Data	o Da Yr /09/2007 B. Time (24 Hr. Clock	0800		
Section IV—Automated System Date				
10. Type of Inspection		AA15 21. Primary or	MIII	

MSHA Form 7000-3, Mar 85 (revised)
In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudaman and 10 Regional Fairness Boards to receive comments from small business. If you wish to comment on the segency enforcement actions. The Ombudaman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration, Office of the National Ombudaman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration of the National Ombudaman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration of the National Ombudaman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudaman at Small Business Administration of the National Ombudaman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-REG-FAIR (1-888-REG-FAI 6

4134415

19. Type of Inspection

(activity code)

22. Signature

E16

TOTO OOT TOO WILL OT TO T TOOT TOO

23. AR Number

# II & Department of Labor



Mine Citation/Order			U.S. Department of Labor Mine Safety and Health Administration			
Section I-Violation Data				2 Ottobari		
1. Date Mo Da Yr 05/09/2007	2, Time (24 Hr. C			3. Citation/ Order Nu	7292258	
4. Served To			5. Operator WOLF RUN MIN	ING COMPAN	ſΥ	
Carl Crumrine, Mine Foren	nan					
6. Mine			7. Mine ID 46-08	8791		(Contractor)
SAGO MINE					8a. Written Not	ice (103g)
8. Condition or Practice  Six of the cap lather following real  Exhibit KLH-20 has under the plastic pinched between cover. There was the cable of Exh conductor, both 8 had an exposed	asons:  ad exposed battery the plast: s no evide ibit KLH-: of which	d stranded to top. It apic battery to ence of over 18 had exposed were covered	wire in the blace opeared that the copeared that the copeared that the copeared the copeared or businessed stranded with the copeared that the copeared in black tap	ack insulance black of the raing in the income and are. The cannot be cannot	ted conduct conductor ha battery cel this area.	or ad been ll nsulated ibit KLH-
9. Violation A. Health Safety Cother Section 8-inspector's Evaluation	B. Section of Act		C. Part/Section of Tide 30 CFR	75	.503	
10. Gravity:		] Unlikely 🗹	Reasonably Likely	] Highly Likely	y 🔲 Occurred	
A. injury or illness (has) (is):	No Likelihood	<u></u>			atta Disebilian 🖂	Fatal []
B. Injury or illness could rea- sonably be expected to be:	No Lost Wor	rkdays 🗹 Lost \	Workdays Or Restricted Duty		ntly Disabling	
C. Significant and Substantial	Yes [	No 🗹			f Persons Affected:	006
(the share)		B. Low	C. Moderate 🗹 D.	High 🗌	E. Reckless Disregard	L 🗀
11. Negligence (check one)	A. None 🔲	B. LOW [	C. Moderate (E)			
11. Negligence (check one)  12. Type of Action 104			Issuance (check one)	Citation 🗹	Order	Saleguard
12. Type of Action 104		13. Type of	issuance (check one)  E. Citation/			
12. Type of Action 104	(a) C. Safeguard	13. Type of	issuance (check one)  E. Citation/		Order	Saleguard
12. Type of Action 104  14. Initial Action A. Citation B. Order 15. Area or Equipment  16. Termination Due A. Date	C. Safeguard   Mo Da Yr 05/09/2007	13. Type of  D. Written Notice [  B. Time (24 Hr. Clo	E. Citation/ Order Number	Citation 🗹	Order F. Dated	Safeguard  Mo Da Yr
12. Type of Action 104  14. Initial Action A. Citation B. Order 15. Area or Equipment  16. Termination Due A. Date	C. Safeguard   Mo Da Yr 05/09/2007	13. Type of  D. Written Notice [  B. Time (24 Hr. Clo	E. Citation/ Order Number	Citation 🗹	Order F. Dated	Safeguard  Mo Da Yr
12. Type of Action 104  14. Initial Action B. Order 15. Area or Equipment  15. Area or Equipment  16. Termination Due A. Date  Section B-Termination Action  17. Action to Terminate The	C. Safeguard C  Mo Da Yr 05/09/2007  cap lamp	13. Type of  D. Written Notice [  B. Time (24 Hr. Clo	E. Citation/ Order Number	Citation 🗹	Order F. Dated	Safeguard  Mo Da Yr
12. Type of Action 1044  14. Initial Action B. Order 15. Area or Equipment  15. Area or Equipment  16. Termination Due A. Data  Section 81-Termination Action  17. Action to Terminate The  18. Terminated A. Data M. 05.	C. Safeguard C  Mo Da Yr 05/09/2007  cap lamp oDa Yr /09/2007	13. Type of  D. Written Notice [  B. Time (24 Hr. Clo	E. Citation/Order Number  ck) 0800  oved from the n	Clation 2	Order F. Dated	Safeguard  Mo Da Yr
12. Type of Action 104  14. Initial Action	C. Safeguard [  Mo Da Yr  05/09/2007  cap lamp  oDa Yr  /09/2007  B. Ti	B. Time (24 Hr. Clock)  B. Time (24 Hr. Clock)	E. Citation/ Order Number  ck) 0800  oved from the n	Citation 2	Order F. Dated	Safeguard  Mo Da Yr

MSHA Form 7000-3, Mar 85 (ravised) In accordance with the provisions of the Small Business Regulatory Enforcement Falmess Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudeman and 10 Regional Falmess Boards to receive comments from small business. If you wish to comment on the agency enforcement actions. The Ombudeman annually evaluates enforcement activities and rates such agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudeman at Small Business Administration, Office of the National Ombudeman, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247) for the comment with the Ombudeman is in addition to any other rights you may have, 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudeman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Sefety and Health Review Cemmission.

#### Mine Citation/Order Continuation

## U.S. Department of Labor Mine Safety and Health Administration

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Section I—Subsequent Action/Continuation Data  1. Subsequent Action 1a. Continuation	2. Dated	Mo Da	.,,	3. Citation/ Order Number	7292258	
	(Original Issue)	05/09/20				
4. Served To			5. Operator	TINI MINUNIC	COMPANY	
Carl Crumrine, Mine Foreman				CON MINIM	COMMITTEE	(Contractor)
6. Mine			7. Mine ID	46-0879	1	, (00
SAGO MINE						
Section II. Justification for Action						

## Continuation of 8. Condition or Practice

The hex head cap hook screws of Exhibit KLH-1 were modified to be able to use a flat blade screwdriver. One of the cap hook screws was missing on Exhibit KLH-18.

A difference of potential was obtained between the positive contact screw and the metal battery top of Exhibit KLH-12.

The bezel rings on Exhibits KLH-1, KLH-8, and KLH-9 were able to be removed without the use of the unlocking tool.

								See Continuation Form
Section III-Subse	quent Action Tales	n.				<del></del>		
8. Extended To	A. Date Mo	Da	Ϋ́r	B. Time (24 Hr. Clock)		C. Vacated	D. Terminated	E. Modified
Section IV—Insper 9. Type of inspe		-	10. E	ivent Number 4134415				
11. Signa	6		<u></u>	AR Number	12. Date	Mo Da Yr 05/09/2007	13. Time (24 Hr. Cli 0800	
MSHA Form 7000	Line Mar RK (revis	 ad)		- t + J		•		

## U.S. Department of Labor Mine Safety and Health Administration

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Section I-Vic	Mo Da Yr	2. Time (24 Hr. Clock)	3. Citation/ Order Number	7335227				
4. Served T	05/09/2007	0800	5. Operator WOLF RUN MINING COMPANY					
Carl Crumrine, Mine Foreman 6. Mine			7. Mine ID 46-08791	(Contractor)				
SAGO M	INE Proctice			8a. Written Notice (103g)				

The cable supplying 120 vac power to the repeater for the trolley phone system located at 9 crosscut of No. 4 belt does not enter into the metal frame through a proper fitting. The fitting is on the frame but is not clamped to the cable, allowing the cable to move.

								See Co	ntinuation Form	(MSHA For	m 7000-3a)
. Violation	A. Health Safety	<b>-</b> 1 ⁻	3. Section of Act			Part/Section of Title 30 CFR		75	5.515		
sction II—Inspe	ctor's Evaluat	on									
). Gravity:	lliness (has)		No Likelihood		Inlikely 🗹	Reasonably	Likely 🗌	Highly Like	ty 🗆	Occurred	
B. Interv or	Mness could be expected	rea-	No Lost V	orkdays 🗹	Lost Wor	kdays Or Restri	cted Duty 🗌		ently Disabiling		Fetal 🗌
	ent and Subs		Yes [	] No 😿	<u> </u>			<u>L</u>	of Persons Af		001
. Negligeno	e (check one	)	A. None	B. Lov		Moderate 🗹	D. High		E. Recidess		Safaguard [
2. Type of A	ction	104(8	<u> </u>		13. Type of Iss	rance (check or	10)	Citation 🗹	Orber L		
I. Initial Acti A. Citation	on	ler [	C. Safeguard	D. Wr	Itlen Notice 🗌	E. Citation/ Order Nu	nber		F. D	eted	Mo Da Yr
5. Area or E	les Dus	A. Date	Mo Da Yr 05/09/200	7 B. Tim	e (24 Hr. Clock)	0800	)				
action III. Ter	mination Acti	<del></del>									
7. Action to	Terminate	The	<del>- V</del> 1		replace		729/2006	•			
18. Terminal	A. Date	05/0	Da Yr 09/2007 B	. Time (24 H	r. Clock)	0800	<u> </u>				
	utomated Syst	om Data				721 5	rimary or MIII				
19. Type of I	Inspection code)	E16	20. Event N	umber	4134415			23.	AR Number		7
22. Signatur	<del></del>							134.		(	

MSHA Form 7000-3, Mar 85 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1998, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to email business. If you wish to comment on the enforcement actions. The Ombudsman annually evaluates enforcement activities and Email Business Administration, Office of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration of the National Ombudsman, 408 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudsman at Small Business Administration of the National Ombudsman at Small Busi

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Mine Citatio	on/Order			U.S. Der Mine Sat	ertment of L	abor th Administ	ration	
Section I-Violat	on Data					la au i i		
1. Date	Mo De Yr 05/09/2007	2. Time (24 Hr. Clo 080				3. Citation/ Order No		3
4. Served To	03/07/2007	. تــــــــــــــــــــــــــــــــــــ		5. Operato				
	ine, Mine Fore	man		WOLF I	RUN MINING	3 COMPAI	NY .	·
6. Mine	mo, while I do			7. Mine ID	46-0879	)1		40 4 4-3
SAGO MI	NE.				70-0072		- 104 M - 10	(Contractor)
2 2 1141	Daniel						8a. Written N	
4	ipped wit the poin	h cuitable	liabtnina	arreste	rs or apt	proved (	undergroun type within ghtning arr	LLUU
9. Violetion	A. Health Safety	B. Section of Act		C. Part/Section Title 30 CFR	of .		nlinuetion Form (MSHA	Form 7000-3e)
	Other 🗌			<u></u>				
10. Gravity: A. injury o	ector's Evaluation r tilness (has) (is): r litness could rea- be expected to be:	No Likelihood  No Lost Worke	Unlikely [	Ressonal Vorkdays Or Res	oly Likely 🗹	<del></del>	or Persons Affected:	Falsal []
C. Signific	ant and Substantial	Yes 🗹	No 🗌			U. Number		001
11. Negligeno	e (check one)	A. None	U. 000	C. Moderate			E. Recidees Disregar	
12. Type of A	ction 104	(a)	13. Type of	Issuance (check		Citation 🗹	Order 🗌	Safeguard
14. Initial Act	·	C. Sefeguerd	D. Written Notice	E. Citation Order N			F. Dated	Mo Da Yr
15. Area or E	quipment							
16. Terminat	on Due A. Dat	Mo Da Yr 05/09/2007	B, Time (24 Hr. Cloc	*) 080	00			
	minution Action						T 07 02/22	/2006
17. Action to	Terminate Lic	ghtning arm	esters hav	e been 1	nstalled	as see	n on 02/22,	/2000.
18. Terminst	A. Date 05	/09/2007	(24 Hr. Clock)	0800				
	tomated System Data			121	Primary or Mill			
19. Type of I	nspection code) E10	20. Event Numbe	413441	5		122 :	D. Alexandra	
22. Signatur		0					R Number 6	
		D la sesantiance w	th the provisions of the S	Small Business Re	pulatory Enforcemen	nt Fairness Act	of 1998, the Small Busin	

MSHA Form 7000-3, Mar 86 (revised)
In accordance with the provisions of the Small Business Regulatory Enforcement Farmess Act or 1996 (nor small business and agriculture Regulatory Ombudames and 10 Regional Falmess Boards to receive comments from small business about federal has established a National Small Business and Agriculture Regulatory Ombudames and 10 Regional Falmess Boards to receive comment from small business about federal has each agency responsiveness to small business. If you wish to comment on the agency enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudamen at Small Business Administration, Office of the National Ombudamen, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudamen at Small Business Administration, Office of the National Ombudamen, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudamen at Small Business Administration, Office of the National Ombudamen, 409 enforcement actions of MSHA, you may call 1-888-REG-FAR (1-888-734-3247), or write the Ombudamen at Small Business Administration, Office of the National Ombudamen, 409 enforcement actions of MSHA, you may call 1-888-734-3247), or write the Ombudamen at Small Business Administration, Office of the National Ombudamen, 409 enforcement actions of MSHA, you may call 1-888-734-3247), or write the Ombudamen at Small Business Administration, Office of the National Ombudamen and 10 Regional Falmess Boards to receive comments and the Small Business Administration of 1996 and 1996 and

#### U.S. Department of Labor Mine Safety and Health Administration



Section I-Vic	olation Data				
1. Date Mo Da Yr 2. Time (24 Hr. Clock) 05/09/2007 0800			3. Citation/ Order Number	7458180	
4. Served T			5. Operator WOLF RUN MININ	G COMPANY	
6. Mine SAGO M			7. Mine ID 46-087	91	(Contractor)
	or Practice				8a. Written Notice (103g)

A certified mine examiner failed to conduct a preshift examination within 3 hours preceding the beginning of the 8 hour interval during which persons were scheduled to work on the 2nd Left Parallel Section on January 1, 2006.

Based on interviews conducted during an accident investigation and a review of the record books, it was determined that 3 miners worked on a water pump one crosscut inby the 2nd Left Parallel Section power center before any preshift was conducted for that area.

											See Confi	nuation	Form (MSHA	Form 7000-3a) [
9. Violation	A. Health Safety Other		B. Section of Act				Part/Sec little 30 (				75.360	(a)(1)		
Section II-insp	ector's Evalue	ation												
10, Gravity: A. Injury o	r iliness (har	a) (is):	No Likelih	000d []	Unškely		Reas	onably 1	Likely 🗹	Hiç	thly Likely		Occulr	ed []
B, injury or somebly	be expected	id rea-	No Los	d Workda	ys 📗 L	ost Worl	cdays O	r Restric	ted Duty	<del>'</del>	Permanent			Fatal 🗸
	ant and Sub		Yes	₩ 🗹	No 🗌					D. 1	lumber of i	erson	s Affected:	003
11. Negligeno	e (check on	<b>e</b> )	A. None	]	B. Low	C. N	Acceptate		D. Hig	<b>∱ ☑</b>	E.	Reckl	ees Dierega	rd 🗌
12. Type of A			d)(1)		13. Typ	e of Issu	ance (cl	neck one	<del>)</del> )	Cliatic	n 🗌	Order	$\mathbf{Z}$	Safeguard [
14. initial Acti	on	der 🖂	C. Safegu	ard 🗍 (	D. Written Notic	» []	E. Cit	ation/ Ser Num	ber	7100	911	F	. Dated	Mo Da Yr 05/09/200
16. Terminati	on Due	A. Date	Mo Da	Yr	B. Time (24 Hr.	Clock)		· · · <u>- · · · · · · · · · · · · · · · ·</u>	·		<del></del> -			
Section III—Ter	minetion Acti	Off												
17. Action to	Terminate	Αp	reshif	t exa	m has b	een	cond	lucte	ed on 1	the	2nd Le	eft	Paral	lel
18. Terminati	A, Date		Da Yr 09/2007	B. Time	(24 Hr. Clock)		0800							
Section IV-Au	tornated Syst	em Dela			<u> </u>			[at at	anne ar Mill					
19. Type of it		E16	20. Event	Number	4134	415		21. PTI	mary or Mill					·
22. Signature	<del></del>		6								23. AR N		9	
MSHA Form 7	000-3, Mer &	(revised)	in accor	dance with	the provisions of gulatory Ombude	the Smail	Busines 10 Regio	s Regule mai Fairt	lory Enforcem less Boards k	eni Fairi o receive	ness Act of 1 comments f	996, the rom sm	o Smail Busin ali busineess	ess Administration es about federal to comment on the

MSHA Form 7000-3, Mar 85 (revised)
has established a National San, as and Agriculture Regulatory Ombudaman and 10 Regional Falmess Boards to receive comments from small businesses about federal agency enforcement actions. The provisions of the Small Business Regulatory Enforcement Falmess Act of 1996, the Small Business Administration has established a National San, as and Agriculture Regulatory Ombudaman and 10 Regional Falmess Boards to receive the meaning the report of the National San, as and Agriculture Regulatory Ombudaman and 10 Regional Falmess Boards to receive the meaning the san and San a

## U.S. Department of Labor Mine Safety and Health Administration

Millip Oliginali arasi	Willie Calcity and the
Section I-Violation Data  1. Date: Mo. Da. Yr.   2. Time (24 Hr. Clock)	3. Citation 7458181 Order Number
4. Served To	5. Operator WOLF RUN MINING COMPANY
Carl Crumrine-Mine Foreman	7. Mine ID 46-08791 (Contractor)
6. Mine	8a. Written Notice (103g)
SAGO MINE  8. Condition or Practice	curtorsigned by the mine foreman or equivalent

All preshift records were not countersigned by the mine foreman or equivalent mine official by the end of their next regularly scheduled working shift. The following preshift records were not countersigned:

12/30/2005 3rd shift, 12/31/2005 day shift, 01/02/2006 day shift 1 Left:

12/30/2005 afternoon shift, 01/02/2006 day shift 2 Left:

Belt&Track: 12/27/2005 day shift and afternoon shift, 12/30/2005 day shift, 12/31/2005 day shift, 01/01/2006 day shift, 01/02/2006 day shift.

									See Co	MOROGONI	LOUIS (Asset	A Form 7	
Violation	A. Health Safety	<b>≝ I</b> `	. Section of Act			C. Part/Se Title 30	ction of CFR		75.	360(f)			
ction II—Insp	ector's Evaluati	on								. [7]	0~~	med 🔲	
Gravity:	r Kiness (hes)	( <b>is</b> ):	No Likelihood	· 🗆 💆	Unlikely 🗹		sonably Likely		Highly Life				ad []
B lotury o	Tinese could	rea-	No Lost V	Vorkdays 🗸	Log	t Workdays C	or Restricted Du	ty 🗆		ently Disa			
	be expected			7 No S					D. Number	of Penson	A AIICA		01
C. Signific	cent and Subs		Yes [				<u> </u>	D. High	П	E. Reck	jess Diere	gard 🔲	
. Negligen	ce (check one	) .	A. None 🗌	B. Lo		C. Modera	<del></del>		citation 2	Orde	· []	s	afeguard []
. Type of A	Action	104(a	)		13. Type	of issuance (	check one)	`	)(Lancon (E)	<u>-</u> -	F. Dated	V	o Da Yr
I. Initial Act	tion		C. Safeguard	D. Wr	itten Notice	1 :	itation/ order Number				F. DEGG		
5. Area or I	Equipment												
		A. Date	Mo Dn Yr 05/09/200	07   5	ne (24 Hr. C		0800						
8. Termina	dion Due		05/09/200	07   5				ya h	een col	unter	signo	ed by	, the
6. Termina Section III-T		The	05/09/200	07   5. 14	he pro	eshift	exam ha	ve b	een co	unter	signo	ed by	the
6. Termina Section III-T 17. Action to mine 1	emination Acti to Terminata for eman	The sin	result ce the	07   5. 14	he pro	eshift	exam ha	ve b	een co	unter	signo	ed by	the
6. Termina fection III-T 7. Action to nine 1	dion Due fermination Acti to Terminate for eman	The sin	05/09/200 result ce the	s of t time o	he pres f the	eshift accide	exam ha		een co	unter	signo	ed by	the
6. Termina Section III-T 17. Action to mine 1 18. Termina Section IV- 19. Type of	emination Acti to Terminate for eman	The sin	05/09/200 result ce the Dm Yr 09/2007	s of t time o	he pro	eshift accide	exam ha			unter		ed by	, the
17. Action to mine 18. Termina Section IV-/	remination Action Terminates for eman.  ated A. Date Automated Syst finepaction y code)	The sin	05/09/200 result ce the Dn Yr 09/2007	s of to	he proof the	eshift accide 0800	exam ha	or Mill	23.	AR Numb	oer [	6 _	Administration

enforcement ections of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudemen at Small Business Administration, Office of the National Ombudemen, 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudemen is in addition to any other rights you may have, including the right to contest clusters and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

## U.S. Department of Labor Mine Safety and Health Administration

Section I-Vic	alation Date						
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clock) 0800			Citation/ Order Number	7458182	
4. Served T			5. Operator WOLF R	UN MINING CO	MPANY		
6. Mine SAGO M			7. Mine ID	46-08791		. (Contr	
	or Practice					Ba. Written Notice (103)	

The map of the Sago Mine was not kept up-to-date. Upon completion of MSHA's mapping of the mine following the explosion that occurred on January 2, 2006, the following discrepancies were found:

There were 76 permanent ventilations controls in place that were not shown on the map. There were 41 ventilation controls shown on the mine map that were not in place.

								See C	onlinuation For	m (MSHA Form	7000-3a)
9. Violation	A. Health Safety of Other	B. Section of Act		C	Part/Sec Title 30 C			75	5.1202		
Section II-Imap	ector's Evaluation	1									
10. Gravity:	r illness (has) (l	s): No Likelih	ood 🗍	Uniticely [	Reas	onably Likely	<b>Ø</b> _	Highly Like	<b>≱y</b> □	Occurred [	
B. injury o	r litness could not be expected to	Me- No.les	k Workdays [	Lost Wo	orkdays Or	Restricted [	Outy 🗆	T	ently Disablin		
	ent and Substa		₩ No					D. Number	of Persons A	Tected: 0	29
11. Negligeno	ce (check one)	A. None [	] B. L	ow □ C.	. Moderate		D. High	$\square$	E. Reckless	Dieregard	
12 Type of A	ction	.04(d)(1)		13. Type of Isa	uance (ch	eck one)		Citation 🗌	Order 🗹		rieguard 🗌
14. Initial Acti A. Citation		C. Safegu	ard D.W	ritten Notice	E. Cita Ord	tion/ er Number	7	100911	F. D		Da Yr 5/09/2007
16. Terminati	on Due A.	Mo Da	Yr B. Tk	те (24 Hr. Clock)	)		1		·····	•	
Section #-Ter	rmination Action										
17. Action to	Terminate [	The 1200	map has		viewe 	d and	is ur				
	tometed System	05/09/2007	<u></u>		<del></del> -	<del>l</del>					
19. Type of it	nspection	20. Even	Number	4134415		21. Primacy	or Mill				<del>-</del>
22. Signature	_ <b></b>	6	<del></del>						R Number	6	
has establishe	-han- 1000-3, lyrar so (re ed a National Sm ement actions. T actions of MSHA, t M. NAC 2120, West	y: In accor grides and Ag umbudsman ar you may call 1-868- thington, DC 20416	riculture Regulati musily evaluates	rovisions of the Smo ory Ombudement an enforcement activiti 8-734-3247), or with owever, that your rig	ies end rate	e each agenc	y's respond	ilveness to sm	all business. If	you wish to com	ment on the deman, 409

3rd Street, SW MC 2120, Washington, DC 20418. Please noie, however, that your right to file a comment with the Ombudaman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

## U.S. Department of Labor Mine Safety and Health Administration

			Willie Carcty and I							
Section I-Vi	olation Data			3. Citation 7.45	0102					
1. Oste	Mo Da Yr	2. Time (24 Hr. Clock)	Order Number /43	8183						
	05/09/2007	0800	5. Operator							
4. Served T			WOLE RUN MIN	WOLF RUN MINING COMPANY						
Carl Cru	mrine-Mine Fore	mati								
6. Mine			7. Mine ID 46-08	8791	(Contractor)					
SAGO N					tten Notice (103g)					
8, Condition	n or Practice		the day of lar ow	amination for haz	ardous					
There	is no indi	cation that the re	equired weekly ex-	or 14 2005 as re	guired by					

There is no indication that the required weekly examination for hazardous conditions was conducted during the week of December 14, 2005 as required by 30 CFR 75.364(b). The record of the results for hazardous conditions indicates an examination was conducted December 7, 2005 and December 21, 2005, a period of 14 calender days. A weekly examination is required to be made at least every 7 calendar days.

											Se	e Continue	don Form	(MSHA F	form 7000-3s)
). Violation	A. Health Safety Other	<b>Y</b>	B. Section of Act					ut/Sect le 30 C				75.364(	b).		
ection I-Insp	ector's Evalue	Son -													
O. Gravity:	r Mness (has	\ (ie\	No Likelih	nod 🗆	Un	Mosty 🔲		Reas	onably Likel	y 🗆	Highly	Likely 🗹	<u> </u>	Оссиле	d 🗍
B. Injury o	r illness coul	d ree-		t Workday	ys []	Lost	Workd	ays Or	Restricted	Duty 🗌	Pen	menently [	Sisabling		Fatal 🗹
	be expected ant and Sub				<u>/</u> No □						D. Nurr	ber of Per	sons Aff	ected:	029
			A. None		B. Low		C. Mc	derate		D. Higt	; <b>Ø</b>	E. R	ecidess (	Disreger	
1. Negligeno				<u> </u>		3. Type of					Citation [	] 0	rder 🗹		Safeguard [
2. Type of A  4. Initial Act  A. Citation	ion	1044 der 🗀	(d)(1) C. Safegua	and [ [		n Notice (		E. Cita			710091	1	F. Da	ted	Mo Da Yr 05/09/200
16. Terminat	ion Due	A. Date	Mo Da	Yr	B. Time	(24 Hr. Ck	ck)								
Section <b>II</b> -Te	rmination Acti	on					2		27 D	a comb	or 21	2001			
17. Action to		Me	e exami	B. Time				800							
Section NA	utomated Syst	ern Dede							21. Primar	v or Mill					
19. Type of I	•	E16	20. Even	t Number	4	13441	5		21. / ////					<del>- ;-</del>	<del></del>
22. Signatur	•		6									23. AR Nu	L	. 6	
والمحمد ماسم	ed a National	Small Bu s. The C IA. your	nd Aç Imbudaman ar 1-888-nav call	riculture Re nou <b>sily eva</b> ic -REG-FAIR	ogulatory untos enf (1-888-7	Ombudama orosment s 34-3247), o	r write t	end rate he Omb	e each ager udemen at S	malt Bush	meiveness i ness Admin	o email but istration, Of In addition (	iness. If y tice of the to any other	you wish i National	see Administration a about federali to comment on the Ombudaman, 40 ou may have,

#### U.S. Department of Labor Mine Safety and Health Administration

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Section I-Vi	tion IViolation Data										
1. Date	Mo Da Yr 05/09/2007	2. Time (24 Hr. Clock) 0800	3. Citation/ Order Number 7458184								
4. Served T			5. Operator WOLF RUN MINING COMPANY								
8. Mine SAGO MINE			7. Mine ID 46-08791 (Contra								
	III(II)		Ba. Written Notice (103g)								

The record of the results for the weekly examination for hazardous conditions indicates that the certified mine examiner conducting the weekly examination on November 23, 2005, failed to record the required air readings. No record was entered to show the quantity of air where the air leaves the main return.

													See C	Continuatio	n Form (	MSHA Fo	nn 7000-3a)	
9. Violation	A. Health Safety Other		B. Section of Act					Part/Se Tile 30					75.3	364(c)(	2)			
Section II - Inepe	ctor's Evelue	tion																
10. Gravity: A. injury or	ilness (has	) (is):	No Likeliho	ood [	U	niikely 🔽	3	Rea	nonably	Likely		Н	jhly Llk	aly 🗌	C	ccurred	<u> </u>	
B. Injury or sonably	Mness could be expected	d rea- to be:	No Los	t Workd	aye 🗹	Los	t Work	days O	r Restr	icted D	uty 🗆		Permar	nently Dis	ebling	] !	Fatal 🗌	
	ant and Sub		Yes		No 🗹							D.	Number	of Perso	ins Affec	ted:	001	
11. Negligeno	e (check one	<b>)</b>	A. None	]	B. Low	Ø	C. N	loderat	• 🗆		D. High	<u> </u>		E. Rec	idess Di	eregard (		
12. Type of A	ction	104(	a)			13. Type (	of Issue	ence (c	heck or	16)		Citatio	x 🗹	Ord	er 🗍		Safeguard	
14. Initial Action A. Citation		ier 🗌	C. Safegua	rd 🗀	D. Writt	en Notice		E. Cit On	ation/ der Nur	nber					F. Date	d ———	Mo Da Y	r 
16. Terminatio	on Due	A. Date	Mo Da 05/09/20		B, Time	(24 Hr. Cl	lock)		0800									
Section III-Ten	mination Actio	n																
17. Action to		The	air r	eadi	ng W	as en	ter	ed c	n 1	1/3	0/20	05	for	the	air	leav	ing	
the mai	in reti				-													
16. Terminate	A. Date		Da Yr 19/2007	B. Time	(24 Hr. (	Clock)	(	0800										
Section IV-Aut	ometed Syste	m Date							1									
19. Type of in (activity or		E16	20. Event	Number		11344	15		21. Pi	imary o	or Mili				<del></del>			
22. Signature		(	6			7								R Numb		6	]	
MSHA Form 70 has established agency enforcement at 3rd Street, SW including the right	d a National S ment actions. clons of MSH	The On A, you me	ness and Agri sbudsman and ry cell 1-888-F	culture Ri ruelly evel EG-FAR	egulatory lusies enf ! (1-888-7:	Ombudemi orcement a 34-3247), o	en and 1 schvities or write ( or dob)	10 Regional and national the Omit to file a	onel Fall es éech uderner comme	mess Bo agency a st Sma al with t	centre so 's respoi all Busin he Ombi	receive nsivene ees Ad udemar	comme es to em ministrat i is in ad	ms trom s all busine ion, Office idition to a	ss, If you of the Na ny other n	wish to o	budsmen, 4	he

## U.S. Department of Labor Mine Safety and Health Administration

Section I-Vi	olation Data							
1. Date	Mo Da Yr 05/09/2007	2, Time (24 Hr. Clock) 0800	3. Citation/ 7458185 Oroer Number 7458185					
4. Served 7 Carl Cru		man	5. Operator WOLF RUN MINING COMPANY					
6. Mine SAGO N			7. Mine ID 46-08791	(Contractor)				
	ar Dravilae			8a. Written Notice (103g)				

The Industrial Scientific ITX methane detectors serial # 0408001-374 and serial # 0309270-042 used at the Sago Mine and recovered after the explosion that occurred on January 2, 2006, were not calibrated within the required 31 days. An examination of the detectors revealed that the last calibration date for the detectors were November 16, 2005 and March 1, 2004 respectively.

									See	Continuation P	orm (MSHA	Form 7000-3a)
9. Violation	A. Health Safety Other		8. Section of Act				rt/Section of ie 30 CFR		75	5,320 <b>(a)</b>		
Section II-Inspe	ctor's Evelu	etion					<del></del> -					
10. Gravity: A. injury or	lliness (ha	s) (ls):	No Likelihood		Unlikely (	<b>Z</b>	Reasonably LI	icely []	Highly Lik	ely 🗌	Occum	<b>M</b> []
8. injury or sonably t	iliness cou	ild rea- d to be:	No Lost \	Vorkdays	<u> </u>	et Workd	rys Or Restricte	ed Duty 🗌		nently Disabl		Fatal 🗹
C. Significa	nt and Sul	bstantial:	Yes [	] No	✓ 🗷				D. Numbe	r of Persons	Affected:	016
11. Negligence	(check or	<b>10</b> )	A. None	В.	Low 🗌	C. Mo	derate 🗹	D. High		E. Recider	e Disrega	d []
12. Type of Ac	tion	104(	a)		13. Туре	of issuan	ce (check one)		Citation 🗹	Order		Safeguard [
14. Initial Actio A. Citation	n	nder 🔲	C. Safeguard	□ D.\	Written Notice		E. Citation/ Order Numbe	er		F.	Dated	Mo De Yr
15. Area or Eq		<u> </u>	Mo Da Yr		 Time (24 Hr. 0	~facely)	0800				· · · · · · · · · · · · · · · · · ·	
(0. / 4		A. Date	05/09/200	7   <sup>B.</sup>	1800 (24 m. C		0000	L				
Section III-Term	ination Act	Юп								40777 1		A-1
17. Action to T acciden	eminate t inv	The esti	detecto gation a	ors wand s	ere co. ubseque	llect	ed for e	and ca	elibra	ted by	MSHA	A&CC.
18. Terminated	A. Date	05/0	Da Yr 19/2007 B.	Time (24	Hr. Clock)	01	300					
Section IV-Auto	mated Syst	ery Dede										
19. Type of ins (activity co		E16	20. Event Nu	mber	41344	15	21. Prim	ary or Mill				
22. Signature									1 23. /	AR Number		ì

MSHA Form 7000-3, Mar 86 (revisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small agency enforcement actions. The Ombudeman surrously evaluates enforcement actions of MSHA you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudeman al Small Business Administration, Office of the National Ombudeman, 408 and Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to tile a comment with the Ombudeman is in addition to any other rights you may have, including the right to contest citations and proposed panelties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

## U.S. Department of Labor Mine Safety and Health Administration

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	3. Citation/	7450106
Date Mo Da Yr 2. Time (24 Hr. Clock) 05/09/2007 0800	Order Numb	7458186
Served To Carl Crumrine-Mine Foreman	5. Operator WOLF RUN MINING COMPANY	
i. Mine	7. Mine ID 46-08791	(Contracto
SAGO MINE		8a. Written Notice (103g)

The mine operator failed to produce records which certified that the 90-day inspection test was done for fourteen SCSR's that were assigned to the miners that were underground at the time of the January 2, 2006 explosion, or were assigned to the miners that traveled underground during the rescue attempt. The serial numbers for the units are the following:

83566, 63277,75648, 60035, 86537, 92652, 89765, 56495, 57878, 101868,91947,55656,106603, and 57604.

										See C	continuation	Form (MS	HA Form	7000-3=)
9. Violation	A. Health Safety Other		B. Section of Act				Part/Sect Title 30 C			75.1	714-3(e)	)		
Section II—Inspe	ctor's Evelu	don												
10, Gravity:	iliness (has	ı) (ls):	No Likeliho	od 🔲	Unite	<b>*</b> y <b>☑</b>	Reaso	insbly Likely	<i>,</i> 🗆	Highly Like	<b>→</b> □	Occi	berau	
B. Inkery of	Mness coul	d ree-	No Lost	Workdays		Lost Work	ziays Or	Restricted	Duty 🗌		nently Disal			<b>=</b>
	ant and Sub		Yes	☐ No	Ø					D. Number				14
11. Negligeno	e (check on	e)	A. None	В.	Low 🗌	C. N	loderate		D. High			ess Diere		4
42 Dec of A	-Mari	104(d	N(1)		13.	Type of Issui	ence (ch	eck one)	(	Citation 🗌	Order	<b>M</b>	S	afeguard 🗌
12. Type of A 14. Initial Acti A. Citation	on ·	der □	C. Safegua	nd [] D.\	!	iatice [	E. Cita		7	7100911	F	. Dated		o Da Yr 5/09/2007
15. Area or Ed		The	Mo Da	een SC		Hr. Clock)			<u> </u>				_	
		A. Dan								· · · · · · · · · · · · · · · · · · ·				
Section III-Ter	minution Act	on								the mi	30			
17. Action to		Mo [	72 Vc	were  B. Time (24		ved fr	om s 	ervice						
			9/2007											
Section IV-Au		em Deta	20. Event	Monther				21. Primar	or Mill					
19. Type of it (activity o		E16	20. Evert	Number	41	34415 ———				123	AR Numbe			1
22. Signature			6		1								<u>_</u>	landralari cardicari
MSHA Form 7 has establishe agency enforce enforcement a 3rd Street, SW including the r	ement actions actions of MSI	L. The Om 1A, you me	riess and Agri Budeman and ry call 1-868-F	iculture Regul waily evaluate REG-FAIR (1-	story Om e enforci 888-734-	3247), or write	10 Region a and rate the Ombi	e each agen deman at Si	cy's respon- med Busine	sivenees to an	natibusines tion, Office of tolition to en	s. If you w	ish to con	ament on the ademse, 409

## U.S. Department of Labor Mine Safety and Health Administration



Section I-Vio	elation Deta		<del></del>	13	. Citation/	7583340			
1. Date	Mo Da Yr	2. Time (24 Hr. Clock)	• 1	Ĺ	Order Number	1303540			
4. Served T		0800	5. Operator WOLF RU	5. Operator WOLF RUN MINING COMPANY					
Carl Crui	mrine, Mine Fore	man	7. Mine ID	46-08791		(Contract	tor)		
SAGO M	INE					8a. Written Notice (103g)			
	a or Practice				A - A Empre	the neutral			

The lightning arresters grounding medium was not separated from the neutral grounds by a distance of 25 feet. The arresters were wired in a manner that would not prevent the frames of the equipment being used underground which are connected to the neutral grounding field from becoming energized in the event of a strike on the surface. The arrester ground was connected to the frames of the surface belt structure which are entering the mine and are connected to the mine track and all underground electrical equipment.

								See (	continuation i	Form (MSHA	Form 7000-3e)
9. Violetion	A. Health Safety Other	<b>7</b>	B. Section of Act		C. Part/Se Title 30	ction of CFR		7	75.521		·
Section II-Insp	ector's Evalue	tion									
10. Gravity: A. Inkury o	r iliness (ha	s) (is):	No Likelihood	Unlikely 🗌	Reas	onably Like	aty 🗹	Highly Llk	oly 🗌	Occurr	
B. Injury O	r illness cou be expecte	id rea-	No Lost Work	lays Lost	Norkdays O	r Restricted	Duty 🗌		ently Disab		Fatal 🗹
	ant and Sut		Yes 🗹	No 🗌				<u> </u>	of Person		
11. Negligen	ce (check or	10)	A. None	B. Low 🔲	C. Moderat	<b>∞ ☑</b>	D. High			BS Disregs	
12. Type of A	Action	104(	a)	13. Type o	d Issuance (	(check one)		Itation 🗹	Order		Safeguard [
14. Initial Act	tion	der 🗌	C. Safeguard	D. Written Notice		itation/ rder Numbe	or		F	. Dated	Mo Da Yr
15. Area or 8			Mo Da Yr	····							<u>.</u>
16. Terminat	tion Due	A. Date	05/09/2007	B, Time (24 Hr. C	lock)	0800					
Section III-Te	rmination Act	00			1 1 1 1		-1 ~~	ound f	ialds	WATA	properly
17. Action to	Terminate	The	arrester	grounds a	nd the	neuti	ar gr	Junu 1	Teras	MCIC	Proposes
separa	ted.		,								
18. Termina	A. Daie	05/	Da Yr 09/2007 B. Tim	e (24 Hr. Clock	0800						
Section IV-A	utomated Syst	em Data				124 Dela	ary or Mill	<del></del>			
19. Type of	inspection	E16	20. Event Numb	or 41344	15	Z1. F100	er) (4 17 18 18 18 18 18 18 18 18 18 18 18 18 18				
(MCHAIL)	~~,							~~	AR Numbe	· /	

MSHA Form 7000-3, Mer 85 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Falmess Act of 1998, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ornbudernan and 10 Regional Falmess Boards to receive comments from small business solut federal agency enforcement actions. The Ornbudernan annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-588-REG-FAR (1-588-734-3247), or write the Ornbudernan at Small Business Administration, Office of the National Ornbudernan, 409 3rd enforcement actions of MSHA, you may call 1-588-REG-FAR (1-588-734-3247), or write the Ornbudernan at Small Business Administration, Office of the National Ornbudernan, 409 3rd enforcement actions of MSHA, you may call 1-588-REG-FAR (1-588-734-3247), or write the Ornbudernan at Small Business Administration, Office of the National Ornbudernan, 409 3rd enforcement actions of MSHA, you may call 1-588-REG-FAR (1-588-734-3247), or write the Ornbudernan at Small Business Administration, Office of the National Ornbudernan, 409 3rd enforcement actions of MSHA, you may call 1-588-REG-FAR (1-588-734-3247), or write the Ornbudernan at Small Business Administration of the National Ornbudernan annually evaluates and continuous and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

# U.S. Department of Labor



ne Citation/Order		Mine Safety and Healt	h Administration	
ction (Violation Data		<del></del>	3. Citation/ 7583	3345
Date	4 Hr. Cłock) 0800		Order Number	
05/09/2007 Served To	0000	5. Operator WOLF RUN MININ	G COMPANY	
rl Crumrine, Mine Foreman				
Mine		7. Mine ID 46-087		(Contractor)
CO MINTE			8a. Wrt	tten Notice (103g)
Condition or Practice ne mine program of exc	mining testing	and maintaini	ng electrical e	quipment 1s
ot effective. The element of the maintained by a quantum state and potent ine record books reve. S.H.A. personnel reveloserved and cited, sexisted for a long pererson conducting the uring the course of tack of guarding, extended ables, cables not proviously.  Workston A Health B. Section	alified person ially dangerous al the examinate ealed several veral of these iod and should examination. The inspection, ended lengths of tected, improper	to assure the e conditions don ions were condupotential hazar potential hazar have been observe following typaccumulations of power and train	quipment is not 't exist. Altho cted, inspectio dous conditions dous conditions we conditions we conditions we combustible me	ugh the ugh the ns by were have ified ere observed aterial, amaged
Other 🗌				
ection II—Inspector's Evaluation				
0. Gravity: A tokury or illness (has) (is): No Likelii	nood 🗆 Unlikely 🗀	Reasonably Likely 🔽	Highly Likely 🗌 💢	Occurred
AC injury of minors (many trans		orkdays Or Restricted Duty	Permanently Disabiling	Fetel 🗌
sonably be expected to be:			D. Number of Persons Affi	ected: 001
C. Significant and Substantial: Ye	№ ☑ No 🗌		h E. Reckless D	Isregard 🗍
11. Negligence (check one) A. None			Citation ✓ Order ☐	Safeguard (
12. Type of Action 104(a)	13. Type of I	ssuance (check one)	F. Da	ed Mo Da Yr
14. Initial Action  A. Citation B. Order C. Safeg	uard D. Witten Notice	E. Citation/ Order Number	1.00	
A. Citation B. Order C. Safegi  15. Area or Equipment				
Mo Da	Vr.			
16. Termination Due  A. Date 05/09/		±) 0800		
Section III—Termination Action		the cited cond	itions it is de	termined
17. Action to Terminate Based o	n abatements of	the this standa	rd.	
17. Action to Terminate Based of the mine operator is	now complying w	ICH CHIE SCOTT		
18. Terminated A. Date 05/09/2007	B. Time (24 Hr. Clock	0800		
Section IV-Autometed System Date	ent Number A13AA1	21. Primary or M	III	
19. Type of Inspection (activity code) E16	ent Number 413441	)	23. AR Number	/
22 Shoeture			1	6
22. Uigilacuru	cordance with the provisions of the S			مطاعت المالية في المالية المالية المالية المالية المالية

established a National Small sustness and Agriculture Regulatory Umbudsman and 10 Regional Pairness Boards to receive comments from small businesse about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-88-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-88-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-88-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-88-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-88-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd enforcement actions of MSHA, you may call 1-88-REG-FAIR (1-88-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd enforcement actions and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.

Mine	Citation/Order
- 4	

## U.S. Department of Labor Mine Safety and Health Administration

<b>Y//</b>	

Continuation			Will C		
Section I—Subsequent Action/Continuation Data  1. Subsequent Action 1a. Continuation	2. Dated (Original Issue)	Mo Da 05/09/20	Yr )07	3. Citation/ Order Number 7583345	
4. Served To			5. Opera	or RUN MINING COMPANY	
Carl Crumrine, Mine Foreman 6. Mine			7. Mine I	<sup>D</sup> 46-08791	(Contractor)
SAGO MINE Section II—Justification for Action					

## Continuation of 8. Condition or Practice

circuit protection, improper overload protection, ineffective brakes, ineffective fire suppression systems, damaged electrical conductors, and permissibility violations.

			See Continuation Form
Section III-Subsequent Action Taken			
8. Extended To A. Date Mo Da	B. Time (24 Hr. Clock)	C. Vacated D. Terr	Inated E. Modified
Section IV-Inspection Data	10. Event Number 4134415		
9. Type of Inspection E16	4134413		
11. Signat	AR Number 12. Date	Mo Da Yr 13. Time ( 05/09/2007	24 Hr. Clock) 0800
Mar 65 (revised)	<del></del>		