APPENDIX A

NOISE EVALUATIONS

- A-1. <u>Noise Surveys</u>. All noise evaluations (surveys) will be recorded on DD Form 2214 (Noise Survey). The form shall be used in accordance with instructions on the reverse side except for the following:
- a. Under "Sound Level Data", "Meter Action", record the total work time per day the worker is normally exposed to the noise level recorded on that line under column "dB(A)" (see figures A-1 and A-2).
- b. Under "Sound Level Data" "dBC", record the duration of the Noise Dose or Leg measurements when a noise analyzer is used (see figure A-2).
- c. Under "Remarks" calculate a Risk Assessment Code for the workers' exposure to the measured sources. If engineering controls are technologically feasible, also calculate a cost effectiveness index for implementation engineering controls to reduce the noise exposure.
- A-2. <u>Examples</u>. See figure A-1 for example noise survey using a sound level meter. See figure A-2 example noise survey using a noise analyzer.

NOISE SURVEY (Sound Level Meter Survey)											
SIZ CI/ 210			TYPE SURV		L SURV	EY 2-RE-	\$URVEY	3-OTHER			
SOUND LEVEL METER		······	MICROP			CALIBRATOR					
MANUFACTURER	М,	MANUFALTURER				MANUFACTURER					
General Radio		General Radio				General Rocks					
MODEL SERIAL NO 1565 105	. 1	MODEL SERIAL NO MK 10/ 1275				MODEL SERIAL NO					
CALIB DATE YEAR MONTH	O Y CA	ST ELĒCTF LIB DATE	TOACOUST	776	7	CALIB DATE POPULATE POPULATE POPULATE					
WIND SCREEN USED	NOT USE			EMENTS OF		סמאו 🗍 מ	ORS	OUTDOORS			
DESCRIPTION OF AREAS/DUTIES WHERE NOISE SURVEY CONDUCTED (Himitale on PRIMARY SOURCE OF NOISE											
Giler on diesel powered bromkgrader Engine											
(CLINI), LM VD											
Coler on diesel somened brokgrader Engine (CLINI), LM DD - Check agripment grong lower SECONDARY SOURCE OF NOISE - Standby on entwalk DRIVE TRANS											
SOUND	LEVEL DA	I A	1	RISK	PROTECTION REQUIRED (re. dBA Lavel)						
LOCATION	METER ACTION	dBC	dBA	ASSESS MENT CODE	NON less th	an MUFF	R PLUG AND MUFF 198-118	PLUG + MUFF + TIME LIMIT greater than 118			
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Cutside, on	46500			-	 -		1				
Contralk	244,1	Ĺ	106				المست				
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NOTES: Range of levels noted by METER ACTION: Ente	/, i.e., 102 r F for fai	2/109. A t meter ac	At operator	work state	ions, mi	easure at ear	level				
METER ACTION: Enter F for fast meter action and S for slow meter action. REMARKS (i.e. Area and equipment posted, hearing protection in use, etc.)											
RAC: 45/63 + 465/12.6 = 45 > 1, (RAC 2)											
Serenty/probability moltoplier 21 21x2=44											
Number of person exposed 2 5000 = 122											
Cosmonwhater with see the for 5,000 (CEI = 122)											
MORE DETAILED NOISE EVALUATION REQUIRED YES NO 'III "YES", Identify type evaluation needed.)											
NAME(S) OF PERSONS IDENTIFIED FOR AUDIOMETRIC MONITORING (L'ac additional sheet if more space is needed and attach to form)											
NAME. PHONE NO. AND ORGANIZATION OF SUPERVISOR OF NOISE-HAZARDOUS AREA OR OPERATION											
Frank Doc 634-0200, Plant Ing , ver Survey SURVEY PERFORMED BY ILAN Name, First Name, MI) HEARING CONSERVATION MONITOR (Last Name, First Name, MI)											
SURVEY PERFORMED BY (Last Name,	First Name	, M1)					,	e, First Name, MI)			
Al Pelens			1	ned 1	5//	; S	Let 1	Hum			
DD FORM 2214		· · <u>· · · · · · · · · · · · · · · · · </u>									

Figure A-1. Example of Completed DD Form 2214 Using a Sound Level Meter.

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DATE, (Year Month, Doy,			TYPE SURV							
1 1812 1811 1918			2		SURV	EY 2-8E-SI	JRVEY	3-OTHER		
SOUND LEVEL METER	 -							· · · · · · · · · · · · · · · · · · ·		
MANUFACTURER		NUFALTU	RER	TUNE		MANUFACTUE	CALIBRAT	<u></u>		
Motor Serial NO Model										
DB 306 1520	_	SERIAL NO	/	C/ 3C.	고	SERIAL NO				
LAST ELECTROACOUSTIC CALIB DATE CALIB DATE CALIB DAT										
	NOT USE		MEASURE	109 MENTS 08	TAINE	,	· 181	/ 09/07		
DESCRIPTION OF AREAS/DUTIES WHE						PRIMARY SOU				
additional sheet and attach to form			A ,	/	_/					
Ciler on diesel punered bankgundan Engine										
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- Check egui	pre.	, F eL	eny	100,0	-	_		,		
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	LEVEL DA				PRO	OTECTION REQ	UIRED Ire	dBA Levell		
	METER		1	RISK	NO			PLUG + MUFF		
LOCATION	ACTION	dBC	dBA	ASSESS MENT CODE	1013 (7 85		MUFF 108-118	+ TIME LIMIT greater than 118		
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NOTES Range of levels noted by /. i.e., 102/109 At operator work stations, measure at ear level. METER ACTION: Enter F for fast meter action and S for slow meter action.										
REMARKS (i.e., Area and equipment	posted, hear	ring protecti	107 10 ше. е	10-1						
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use dimine stable from TTT 197										
<u></u>				<		<u> 100 0</u>	<u> </u>			
MORE DETAILED NOISE EVALUATION REQUIRED YES NO (If "YES", identify type evaluation needed.)										
NAME(S) OF PERSONS IDENTIFIED FOR AUDIOMETRIC MONITOFING (Use additional sheet if more space is needed and attach to form)										
15 5 6 (1) (1)										
DIM JUNES John Sm. H. (Alternate) NAME, PHONE NO. AND ORGANIZATION OF SUPERVISOR OF NOISE-HAZARDOUS AREA OR OPERATION										
· ·										
FRANK Doe 6. SURVEY PERFORMED BY (LOST Name	34-	cocc	/	T-/ 1	E	- سرح برو موسر		,		
SURVEY PERFORMED BY (Last Name	First Name	, MI)								
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Al Pérens				/ Raci	£1	1/13/ 20	, e.ry	CATICIR		
DD FORM 2214										

Figure A-2. Example of Completed DD Form 2214 Using a Noise Analyzer