PLAINTIFF'S EXHIBIT
UC-1871

COPY TO: 1. OPERATING DEPARTMENT HEAD
2. D. R. HALEY
3. K. G. TOWNSEND
4. J. L. WYATT

SHARE AUDIT PROCEDURE

DEPT. MAINTENANCE

DATE 1-18-83

	YES	NO
DEFICIENCY EXISTS	✓	

NAME OF PROCEDURE HEARING CONSERVATION

REFERENCE? S+OH PROCEDURES MANUAL

NUMBER OF PERSONNEL INTERVIEWED: 3

A. AWARE OF PROCEDURE?	✓	
B. UNDERSTAND PROCEDURE?	✓	
C. FOLLOW PROCEDURE?		✓
D. IF NO, WHY NOT?		
E. REMEMBER HAVING RECEIVED TRAINING?		
1. LAST YEAR	✓	
2. TWO YEARS AGO		
3. THREE YEARS AGO		
UP TO DATE PROCEDURE IN APPROPIATE MANUAL?	✓	
ANY RELATION TO A/I REPORTS IN LAST 6 MONTHS?		✓
SHOULD EXISTING PROCEDURE BE MODIFIED?(IF YES EXPLAIN)		✓
SHOULD RETRAINING BE CONDUCTED?		✓
SHOULD ANOTHER AUDIT BE CONDUCTED?	✓	

IF YES WHEN? 3 MONTHS

AUDITED BY: Mario Gutierrez

APPROVED BY: K. G. Townsend

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HEARING PROTECTION

INSPECTION AND AUDIT

UNIT/AREA/BLDG. MAINTENANCE DATE 1-13-83

INSPECTION BY Mario Gutierrez

	YES	NO	SEE COMMENT
A. AREA AND EQUIPMENT REQUIREMENTS			
1. Are noise signs present if >90 dB(A)?		✓	(1)
2. Noise signs easy to spot.	NA		
3. Noise signs legible.	NA		
4. Ear plug boxes near signs.		✓	
5. Sufficient ear plugs in boxes.	NA		
6. Ear muffs available.	✓		
7. Noisy stationary and portable equipment have signs.		✓	(2)
8. Noisy field operations (sandblasting) have signs.		✓	(3)
B. PERSONNEL REQUIREMENTS			
1. Know where noise areas are.	✓		
2. Know of available hearing protection devices.	✓		
3. Carry hearing protectors on their person.	✓		
4. Are wearing protectors (if needed).	✓		
5. Are properly trained.	✓		

C. COMMENTS

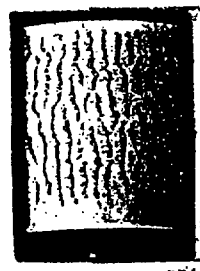
(1) THERE ARE NO NOISE SIGNS AT WELDING SHOP OR SAND YARD.

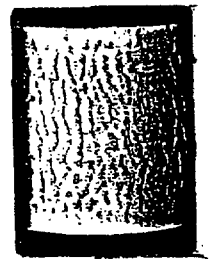
(2) THE SMALL HAND HELD PORTABLE EQUIPMENT DO NOT HAVE NOISE SIGNS

(3) THE LARGE EQUIPMENT (COMPRESSORS) HAVE VERY SMALL SIGNS.

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NOISE

INSPECTION AND AUDIT

UNIT/AREA/BLDG MAINTENANCE DATE 1-13-83

INSPECTION BY Mario Gutierrez

	YES	NO	SEE COMMENT
A. MEASUREMENTS			
1. Is sound pressure level <90 dB(A)?		✓	
2. Is sound pressure level <115 dB(A)?	✓		
3. If >115 is action plan to reduce written?	NA		
4. Is calculated TWA <100%?	✓		
5. If TWA > 100% are engineering controls planned?	NA		
6. If TWA > 100% are administrative controls used?	NA		
7. If TWA > 100% is personal protection used?	NA		
8. Is area free of noisy leaks?	✓		
9. Is sound measurement equipment reliable?	✓		
B. RECORDKEEPING			
1. Are noise maps up-to-date?	✓		
2. Is noise data in computer records?		✓	
3. Is instrument calibration data adequate?	✓		
C. COMMUNICATIONS			
1. Is department head aware of problems?	NA		
2. Are attempts being made to solve problems?	NA		
D. EQUIPMENT			
1. Is old noisy equipment insulated properly?	✓		
2. Is new equipment specified for<90 dB(A)?	✓		

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E. COMMENTS

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DETECTOR TUBES

INSPECTION AND AUDIT

UNIT/AREA/BLDG. STORES DATE 1-17-83

INSPECTION BY Mario Gutierrez

A. CHECK THE FOLLOWING TUBES FOR EXPIRATION DATE

ITEM NO.	DESCRIPTION	TUBE NO.	MEASURABLE CONCENTRATION	STORE CODE NO.	QUANTITY EXPIRED BOXES	CLOSEST EXPIRATION DATE	BOXES LEFT COMMENTS
1	ACETALDEHYDE (FORMALDEHYDE)	91	2-20 PPM	63141-005	0	JUL-83	7
2	ACETIC ACID	81	1-80 PPM	63141-003	0	AUG-83	24
3	ACETIC ANHYDRIDE	81	.5-40 PPM	63141-003	SAME	AS #2	
4	ACETONE	151	.01-2%	63141-023	0	JUN-84	4
5	AMMONIA	3L	1-60 PPM	63141-007	0	NOV-83	10
6	BUTANE	104	50-1400PPM	63141-009	0	NOV-84	3
7	CARBON MONOXIDE	ILL	5-50 PPM	63141-011	0	MAY-84	35
8	CHLORINE	8LA	.3-16 PPM	63141-013	0	FEB-83	3
9	ETHYL ACETATE	141	.04-1.5%	63141-017	0	JUN-84	5
10	ETHYL ALCOHOL	112	.05-5%	63141-015	0	AUG-83	12
11	FORMIC ACID	81	1-80 PPM	63141-003	SAME	AS #2	
12	HYDROGEN SULFIDE	4LL	.5-60 PPM	63141-021	0	NOV-84	6
13	ISOPROPYL ACETATE	151	.05-0.75%	63141-023	SAME	AS #4	
14	METHYL CHLOROFORM	135	100-500PPM	63141-025	0	APR-83	2
15	METHYL ETHYL KETONE	152	.02-0.6%	63141-027	0	DEC-84	5
16	MONOETHANOLAMINE	3L	2-30 PPM	63141-007	SAME	AS #5	
17	TOLUENE	122	10-600PPM	63141-029	11	JAN-83	7
18	CHLOROTHENE	135	100-500PPM	63141-025	SAME	AS #14	
19	BUTYL ACETATE	142	0.01-0.8%		0	SEP-83	7
20	~~Ethyl~~ ~~ISOPROPYL~~ ETHER	161	0.04-1.0%		2	JAN-83	ZERO LEFT
21	BUTYL ESTERS	142	0.01-0.8%		SAME	AS #19	
22	HYDROGEN CYANIDE	12L			0	OCT-83	11

B. NO. OF DETECTOR TUBE PUMPS IN UNIT NA

C. LAST CALIBRATION DATE ON PUMPS NA

D. IS DEPARTMENT DOING MONTHLY AUDIT YES

COMMENTS: THE ACETALDEHYDE TUBES REQUIRE STORAGE AT 5°C (41°F) OR BELOW.

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