

1982 INDUSTRIAL HYGIENE AUDIT

BFG46392

Recommendation	Responsibility	Status/Expected Completion Date
1. SA-501 (Breathing Air GN) should be re-written to require responses to be made based on THA levels detected by sample point downstream of filter. Action to change filter or alert users is required only if filter bed capacity is overloaded.	M. D. Schrader A. S. Flynn	THA alarm is set to respond to readings on sample point downstream of filter. Action is taken based on this alarm. Complete.
2. Shorten the turnaround time for analysis of VCM and AN personnel samples.	A. D. Simpson W. K. Smith	Environmental is collecting regular samples on scheduled days (i.e. VCM on Tuesday, AN on Thursday). Samples are analyzed the same day. Special samples are analyzed by lab within 24 hours of receipt. In effect as of 10/25/82 Complete.
3. Emphasize and enforce the need for wearing of respiratory protection during hazardous tasks in AN and VCM areas.	All AN/VCM Area Supervisors	Such emphasis is made in regularly scheduled safety meetings in each area.
a. Replace Koroclear section of cuber room with original solid wall.	H. J. Kletke K. M. Stich	Koroclear is to be replaced with solid doors. Doors to be backed with sound insulation. Expected completion date - 1st Quarter 1983.
b. Conduct noise dosimetry on 9" A line Farrell and cuber operations. Obtain three per exposed employee to determine current exposure conditions and ensure compliance with OSHA noise citation abatement plan.	A. D. Simpson	Monitoring is being conducted. See attached sheet for current results. Expected completion date - 12/31/82.
c. Involve environmental department in follow-up on work related illnesses.	M. D. Schrader	Notification is now being made to environmental department of work related complaints/illnesses reported through the Dispensary.
6. Place computer printout from year end monitoring report for employees in each employees medical file.	M. D. Schrader	Completed through 1981 year end.

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1982 INDUSTRIAL HYGIENE AUDIT (Continued)

Recommendation	Responsibility	Status/Expected Completion Date
7. Results of annual lab hood ventilation checks must be provided to the Louisville Environmental Department for review. Results must also be posted on each lab hood to provide users with information on the status of the hood and when the next check is due.	W. K. Smith	A procedure for hood monitoring, data posting, and reporting of results to the Environmental group will be developed by 11/30/82.
8. Upgrade the ventilation of lab hood #3 in the instrument lab to provide for 80 fpm across the face.	W. K. Smith	Will retest hood to confirm readings. If confirmed, will submit Engineering Work Request to modify/upgrade hood to meet Class A requirements.
9. Upgrade the ventilation of the hood over the Henschel opening to 100 fpm over its open face. The hood could also be modified to allow for better disposal of empty lead pigment bags.	H. J. Kletke	The overall room ventilation has been improved. Compounding is investigating the most cost effective manner in which to modify the hood over the Henschel opening. A decision on the action plan will be finalized during the 1st Quarter, 1983.

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RESULTS OF NOISE DOSIMETRY
ON 9"A LINE FARRELL AND
CUBER OPERATORS

9"A LINE FARRELL OPERATOR (JOB CODE 352)

NAME	DATE	RESULT (% DOSE)*	HP**
Bowling, BH	8/10/82	159.53	2
	10/13/82	105.1	2
Embry, O	8/17/82	140.16	2
	10/22/82	91.03	2
Phillips, JD	9/14/82	102.86	2
Average		119.74	

9"A LINE CUBER OPERATOR (JOB CODE 353)

NAME	DATE	RESULT (% DOSE)*	HP**
Barker, WL	8/3/82	287.77	1
Cornett, H	10/22/82	224.04	1
Fischer, FW	8/17/82	341.11	2
Smith, JR	8/10/82	228.74	1
	10/13/82	191.64	1
Average		254.66	

*How does
this compare
to 1979-80-81
when citation
was added?*

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* All sampling conducted with dosimeters in the 90/80-5 mode.

** Hearing protection: 0 = None; 1 = ear muffs; 2 = ear plugs.

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