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HILL and GRIFFITH Company

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PLAINTIFF'S EXHIBIT

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FAX COVER SHEET

DATE: 6/10/98

TIME: 7:40 AM

TO: Steve Nether

FROM: Lori Yeager

FAX: _____

RE: Burbank IT results

Number of pages including cover sheet: 3

Message

Please call if you have any questions.
Thanks,
Lori :)
Have a great day.

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BWC Division of Safety and Hygiene
400 3rd Street SE, 2nd Floor
Canton, Ohio 44702-1102

April 16, 1997

Hill & Griffith
29 Depot Street
Burbank, Ohio 44214

Mike Lawry

On March 17, 1997 at your request, an industrial hygiene survey was conducted at your facility. Your staff's cooperation and support was greatly appreciated.

This report includes:

- 1) An executive summary;
- 2) Noise Information: Methods, Exposure Standards, Control Measures and PPE, Appendix A.
- 3) Hearing Conservation Summary, Appendix B.
- 4) Table I - Air Monitoring Results;
- 5) Air Sampling Methodology/Exposure Limits, Appendix C.

OBJECTIVE

The objective of this evaluation was to determine employee time-weighted average (TWA) exposures to noise and to Respirable Silica Dust. The results were compared to the OSHA requirements addressed in their Occupational Noise Exposure Standard, 29 CFR, 1910.95 and to 29 CFR 1910.1000.

The data from a one-day industrial hygiene survey are not definitive and caution must be exercised when interpreting them. Individual exposures can vary for many reasons and this inter- and intraday variability must be considered when interpreting any exposure data.

RESULTS and DISCUSSION

For both types of monitoring (Noise and Respirable Silica) exposures appear to fall well within acceptable exposure levels.

Noise dosimeters with a dual 90 dBA and 80 dBA threshold level were used. The high 90 dBA threshold level determines compliance with the OSHA PEL of 90 dBA. The low 80 dBA threshold level determines the need for a Hearing Conservation Program at 85 dBA or higher. The high threshold measurement begins measuring noise at 90 dBA and the low threshold measurement begins measuring at 80 dBA. Since the low threshold measurement includes noise from 80-90 dBA, as well as above 90 dBA, it will always be greater than the high threshold measurement. The need to monitor two thresholds results from differing requirements for the OSHA Action Limit and PEL.

All employees exposed to noise levels at or above 85 dBA must be placed in a Hearing Conservation Program. This includes annual audiometric tests, the availability of hearing protection, a training program, and recordkeeping. Anyone with a demonstrated occupational hearing loss is required to wear hearing protection at 85 dBA or above.

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OSHA does not mandate hearing protection unless noise levels exceed 90 dBA. However, the American Conference of Governmental Industrial Hygienist (ACGIH) and the National Institute of Occupational Safety and Health (NIOSH) recommend that hearing protection be used at or above 85 dBA.

The OSHA noise standard requires employers to use engineering or administrative controls to reduce employee exposure to 90 dBA or below. When this is not feasible, OSHA requires employers to provide and employees to wear hearing protection.

CONCLUSION

From the results found it appears as though very little additional precautions really need to be undertaken at this time. I would still suggest that employees do wear some type of an approved respirator when dusty conditions arise from a particular task they may be performing. The same suggestion is also recommended for ear protection that ear protection be worn for high noise areas or particular high noise jobs.

It was a pleasure to meet with you, and the courtesy extended was very much appreciated. If we can be of further assistance to you, please feel free to contact the Northeast Regional Office at 1-800-828-1723 or (216) 573-7200.

Sincerely,



Ron Kruchan
Industrial Hygienist

Enclosures

Table of Results (Tables 1&2)

Appendix A - Noise Information: Methods, Exposure Standards, Control Measures, and PPE.

Appendix B - Hearing Conservation Summary.

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