

LOUISIANA DIVISION INDUSTRIAL HYGIENE REPORT
AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

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DEPARTMENT
GLYCOL I

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TITLE
GLYCOL I INDUSTRIAL HYGIENE ACTIVITY REPORT FOR 1988

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SUMMARY/RECOMMENDATIONS:

Employees that had a likelihood for exposure in their jobs to noise, propylene oxide, propylene dichloride, DCIPE, carbon tetrachloride, and perchloroethylene were monitored using approved sampling and analytical methods. Results of the monitoring showed no exposure problems. This finding supports historical data.

An environmental project to recover process vents and burn them in the Thermal Heat Recovery Oxidizer (THROX) will be completed in 1989. This will significantly reduce hydrocarbon emissions in the Louisiana Division.

A noise survey was conducted in November. The average noise level for the block was 81.5 dB which was essentially the same as last year's average.

Asbestos containing material is being removed as work on equipment is being conducted.

Sealless pumps were installed in the PDC system. This will reduce exposure to personnel and reduce spills from seal leaks.

In 1989, a noise survey and sampling for propylene oxide, DCIPE, carbon tetrachloride and propylene dichloride, epichlorohydrin, perchloroethylene will be conducted.

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