

National Aeronautics and
Space Administration
Langley Research Center
Hampton, VA 23681-0001



Reply to Attn of: 429

AUG 09 1996

Ms. Diane Manning
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NIOSH
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REF: Metalworking Fluids

In June, research was completed at NASA Langley Research Center which looked at worker exposure to metalworking fluid mists and aerosols at Building 1225, the Advanced Machine Development Laboratory, which is the metalworking facility at the Center. This research was performed in response to the NIOSH document, *Criteria for a Recommended Standard, Occupational Exposures to Metalworking Fluids*.

Area and personal air samples were taken over an eight hour shift time period. These samples were analyzed in accordance with NIOSH Method #0500. All exposures were found to be well below the proposed REL of 0.5 mg/m³. It was concluded that present engineering controls at the metalworking facility are effectively reducing worker exposure to levels below the proposed REL for metalworking fluids.

We hope that this information will be of benefit to NIOSH as the reduction in the REL for metalworking fluids moves through the legislative process. If you have any questions or need additional information, please call Mr. Alan Phillips at 757-864-7233.

A handwritten signature in black ink, appearing to read "C. B. Ficklen III".

Carter B. Ficklen III
1996 Langley Aerospace Research Summer Scholars Program

R E C E I V E D

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