From: Officer in Charge, Naval Medical Administrative Unit, Monterey  
To: Occupational Safety and Health Manager (Code 223), Naval Postgraduate School, Monterey  
Subj: MONITORING DATA RESULTS, NAVAL POSTGRADUATE SCHOOL, MONTEREY, EXCHANGE DEPARTMENT, AUTO CENTER (ET-0126)  

Ref: (a) 29 CFR 1910.1052(c)(1)  
(b) 29 CFR 1910.1052(c)(2)  
(c) 29 CFR 1910.1052(1)(1)  
(d) 29 CFR 1910.1052 Appendices A and B  
(e) 29 CFR 1910.1052(d)(5)(1)  
(f) 29 CFR 1910.1025(d)(4)(i)  

Excerpts:  

1. Monitoring data was collected on 6 April 2001 to determine the methylene chloride exposure of one of the auto mechanics while he was patching a tire using tire repair chemicals. The job was performed at the Naval Exchange, Monterey, Auto Center, Building 348.

2. Results are as follows:

<table>
<thead>
<tr>
<th>AGENT</th>
<th>STEL, ppm</th>
<th>TWA, ppm</th>
<th>CRITERIA, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene chloride</td>
<td>3.12</td>
<td>0.1</td>
<td>STEL = 125, TWA = 50</td>
</tr>
</tbody>
</table>

Results, traceable to Industrial Hygiene Survey ET-0126, indicate that the methylene chloride exposure is far below both the Short Term Exposure (STEL) and Time Weighted Average (TWA) Permissible Exposure Limits outlined in references (a) and (b).

3. No problems or deficiencies were noted during the operation. It is suggested that workers change their thin blue gloves after performing this job to minimize skin contact with the chemicals. Continue to wear safety glasses for proper eye protection. Information presented in this report must be included in the shop's hazardous material training as required by reference (c), and each worker performing this job must have access to reference (d) (a copy can be provided to the Auto Center Manager by the industrial hygienist upon request).

4. Use of respirators and enrollment in the Methylene Chloride medical surveillance program are unnecessary based on these monitoring results.
5. Reference (e) requires that all workers performing this job be informed of these exposure monitoring results within 15 working days of receipt of this memo by your office. This task can be accomplished by providing the workers a copy of this report within the specified time period.

6. This job does not need to be remonitored unless changes in the chemical products used, chemical usage rates, job procedures, or job time occur as outlined in reference (f); contact the industrial hygienist to schedule monitoring if such changes occur.

7. Copies of the sampling forms are provided as enclosure (1).

8. For further information or clarification, please contact Eric Thurston at COM 831-656-3466, e-mail sethurst@nps.navy.mil.

S.E. THURSTON
By direction