



Sensors  
Safety Products  
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## FORMALDEHYDE PERSONAL MONITORING BADGE

### Laboratory Analysis Report

**Badge No.:** 70010

Date Received: 1/1/2010

**Results to be mailed to:**

**Supervisor:** Sample Report  
**Department:** Pathology  
**Facility:** ABC Hospital  
**Address:** 123 AB Street  
**City/St/Zip:** Mytown, CA 00000  
  
**Telephone:** 707-000-0000

**Report Date:** 1/4/2010

Analysis Date: 1/1/2010

**Employee Information:**

**Employee:** Dean Jones  
**Job Title:** MD  
**Work Area:** OR  
**Protective Devices Worn:**  
gloves, lab coat, mask  
**Duties Performed During Monitoring:**  
Sample removal

**Exposure Information:**

**Date of Exposure:** 12/15/09  
**Start Time:** 08:00 **Stop Time:** 08:15  
**Total Time Worn:** 0 hours, 15 minutes

This Laboratory Analysis Report was reviewed with me by my Supervisor on this date:

\_\_\_\_\_  
Employee Signature

\_\_\_\_\_  
Date

Additional Comments/Condition of badge upon receipt: N/A

Results given are based on information provided by the customer.



LAB # 176760

### Results of Laboratory Analysis

**15 Minute STEL: 0.29 ppm**

Short Term Exposure Limit based on 15 minute exposure

Reviewed by *[Signature]*

### Monitoring Compliance Information

**OSHA: 0.75 ppm 8 hour TWA; 2.0 ppm 15 minute STEL; 0.5 ppm 8 hour Action Level**

Ref: 29 CFR 1910.1048 "Exposure to Formaldehyde"

Requirements: 29CFR1910.1048(d)(3)(ii). If the last monitoring results reveal employee exposure at or above the action level, the employer shall repeat monitoring of the employees.  
29CFR1910.1048(d)(3)(iii). If the last monitoring results reveal employee exposure at or above the STEL, the employer shall also repeat monitoring of the employees.

### Monitoring Badge Performance Characteristics

Method of Sample Collection: Sample is collected by diffusion onto a Chemically Activated Solid Adsorbent  
Method of Sample Analysis: Liquid Chromatography; NIOSH Method 2016m  
Accuracy: TWA : + or - 18.2% STEL : + or - 13.3%  
Minimum Detectable: 0.004 ppm for an 8 hour period; 0.13 for a 15 minute STEL period

### Employee Notification

Employers are required to notify employees of exposures to hazardous agents within 15 calendar days following the receipt of the monitoring results