|  |  |
| --- | --- |
| **Name** | **Description** |
| **Company Information** |
| HHE No. | Corresponds to the health hazard evaluation (HHE) number of the report. |
| Hyperlink | If hyperlink to report is not included, HHE report can be requested by e-mailing HHERequestHelp@cdc.gov.  |
| OSHA Region | Identifies Occupational Safety and Health Administration (OSHA) region where facility was located. OSHA has 10 regions. Each region includes two or more states or territories. (<https://www.osha.gov/html/RAmap.html>)  |
| State | Identifies the U.S. state or territory where the facility was located.  |
| NAICS Code | The North American Industry Classification System (NAICS) code for the facility. The NAICS code is the standard used to categorizing business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy. (<http://www.census.gov/eos/www/naics/>)  |
| NORA Sector | The NIOSH National Occupational Research Agenda (NORA) sector for the facility. NIOSH has aggregated the 20 sectors defined by NAICS into 10 NORA sectors. (<http://www.cdc.gov/niosh/nora/default.html>)  |
| Facility description | Brief description of the type of work done at the facility.  |
| RPP (Y/N) | Indicates whether the HHE report records the facility had a respiratory protection program. (“Y” = yes, “N” = no) |
| LSP (Y/N) | Indicates whether the HHE report records the facility had a lead surveillance program. (“Y” = yes, “N” = no) |
| **Personal and Area Data** |
| Area/Department | Work area or department where monitored employee worked.  |
| Job Title | Job title of monitored employee. |
| Lead-generating activities | Brief description of work activities that generated lead exposure for monitored employee.  |
| Start date  | Start date (mm/dd/yyyy) for lead monitoring.  |
| Duration (hh:mm) | Duration of lead monitoring (hours and minutes) for that sample.  |
| End date | End date (mm/dd/yyyy) for lead monitoring. |
| Air 8-hr TWA Concentration (mg/m³) | 8 hour time-weighted average (TWA) concentration (mg/m³). |
| Air 10-hr TWA Concentration (μg/m³) | 10 hour time-weighted average concentration (µg/m³). |
| **Personal Data** |
| # of samples | Number of employees with lead measurements collected for a particular data point. |
| FS/PS/T | Indicates whether the duration of lead monitoring was full-shift “FS” (7 hours or more for an 8 hour shift, for example); partial-shift “PS” or a task-sample “T” (sample collected only during a specific short-term task).  |
| Air Concentration (μg/m³) | Lead concentrations from personal breathing zone air measurements on employees reported in micrograms per cubic meter (μg/m³).  |
| Respirator use (Y/N/U) | Respirator use (“Y” = yes, “N” = no, or “U” = unknown). |
| Respirator type | Type of respirator used by the employees.  |
| Skin wipe/Clothing wipe/Respirator wipe (S/C/R) | If a wipe was used for a personal sample, was it used on the skin, clothing, or respirator |
| Surface Concentration (μg/wipe) | Surface lead concentration measurements from surface wipes reported in micrograms per wipe (μg/wipe).  |
| Surface Concentration (μg/pad) | Surface lead concentrations from surface pads adhered to workers clothing reported in micrograms per pad (μg/pad). |
| Surface Concentration (μg/100 cm2) | Surface lead concentration collected using a 100 square centimeter (cm2) template and reported in micrograms per 100 centimeters squared (μg/100 cm2). |
| Blood Lead Level (μg/dL) | Blood lead levels collected from employees by NIOSH (μg/dL).  |
| **Area Data** |
| Air Concentration (μg/m³) | Lead concentrations from area air sample measurements reported in micrograms per cubic meter (μg/m³).  |
| Bulk Concentration (μg/100 cm2) | Lead concentration from a bulk sample of a surface at the workplace, reported in micrograms per 100 centimeters squared (μg/100 cm2). |
| Wipe Concentration (μg/100 cm2) | Lead concentration from a wipe sample from a surface at the workplace, reported in micrograms per 100 centimeters squared (μg/100 cm2) |
| Vacuum Concentration (μg/100 cm2) | Lead concentration from a vacuum sample, reported in micrograms per 100 centimeters squared (μg/100 cm2). |
| Wipe Concentration (μg/wipe) | Lead concentration from a wipe sample of a surface, reported in micrograms per wipe (μg/wipe) |
| Wipe Concentration (μg/sample) | Lead concentration from a wipe sample of a surface, reported in micrograms per sample (μg/sample). |
| Bulk Concentration (μg/sample) | Lead concentration from a bulk sample, reported in micrograms per sample (μg/sample). |
| Bulk Concentration (μg Pb/g material) | Lead concentration from a bulk sample, reported in micrograms of Pb per grams of material (μg Pb/g material).  |
| Percentage of lead by weight (% w/w) | Lead concentration from a bulk sample, reported in weight of lead per total sample measured in (% w/w).  |
| **Additional Comments** |
| An “X” in a database field means that there was no data reported for that HHE.“ND” means “not detected.” |
| Brackets around a value in the database means that value has more uncertainty associated with it, usually because it lies between the minimum detectable concentration and the minimum quantifiable concentration. |
| Over the course of time these HHEs were conducted, a wide range of units of measure were used. Many of the concentration values in this database were converted from their original units of measure to those most commonly used currently. To verify the original units of measure for a certain value or set of values, refer to the HHE report. |