

Laboratory Results for Unit VIII Research Paper

Employee	Position	Analyte	Sample Time	Sample Result
1	Machining	Mineral oil mist	480 minutes	1.1 mg/m ³
2	Machining	Mineral oil mist	480 minutes	0.9 mg/m ³
3	Welding Cleaning	Hexavalent chromium	360 minutes 120 minutes	8.5 µg/m ³ 0.5 µg/m ³
4	Welding Cleaning	Hexavalent chromium	300 minutes 180 minutes	10.0 µg/m ³ 0.2 µg/m ³
5	Paint Booth	Xylene MEK	480 minutes	24 ppm 60 ppm
6	Paint Booth/Cleaning Nozzles	1,3 butadiene	15 minutes	6.0 ppm

Noise Dosimetry Data

Employee	Position	Sample Time	Sample Result
1	Setting up parts for press Operating 2,000-ton press Clean-up	60 minutes 400 minutes 20 minutes	82.0 dBA 100 dBA 80.0 dBA
2	Setting up parts for press Operating 200-ton press Clean-up	30 minutes 430 minutes 20 minutes	80.0 dBA 89.0 dBA 80.0 dBA
3	Machining	480 minutes	85.5 dBA
4	Paint Booth	480 minutes	80.5 dBA
5	Shipping/Receiving/Forklift Driver	480 minutes	82.0 dBA