

Assumed Exposures and Respirator Selection Guide for Lead

Activity	Assumed Exposure	Acceptable Respirators
<p>Work with hand tools only</p> <p>Using power tools with dust collection systems</p>	<p>50-500 ug/m3</p>	<ul style="list-style-type: none"> • All respirators except disposable ones
<p>Using power tools w/o dust collection systems</p> <p>Working with Lead Mortar</p> <p>Lead Burning</p> <p>Rivet Busting</p> <p>Clean Up Dry Expendable Abrasives</p> <p>Moving Abrasive Blasting Enclosures</p>	<p>500-2500 ug/m3</p>	<ul style="list-style-type: none"> • Full face respirator • PAPR with a cape • PAPR with full facepiece • Supplied-air (airline) respirator with a continuous-flow regulator & a loose fitting facepiece with a cape • Self-Contained Breathing Apparatus (SCBAs)
<p>Welding/cutting/torch burning</p> <p>Abrasive blasting</p>	<p>More than 2500 ug/m3</p>	<ul style="list-style-type: none"> • PAPR with a cape • PAPR with full facepiece • Supplied-air (airline) respirator with a continuous-flow regulator & a loose fitting facepiece with a cape • Self-Contained Breathing Apparatus (SCBAs)