

Operation/Activity: Working With Lead - Working with metallic lead or alloys containing lead

Site / Location:

Persons at Risk (tick appropriate boxes)

Employee	<input checked="" type="checkbox"/>	Pregnant Women	
Visitor	<input type="checkbox"/>	Disabled Persons	
General Public	<input type="checkbox"/>	Lone Workers	
Young Persons	<input type="checkbox"/>	Others	

GUIDE TO RATINGS:

RISK SEVERITY	RISK LIKELIHOOD	RISK RATING
1 Negligible	1 Unlikely	1 - 6 Low
2 Minor	2 Possible	7 - 14 Medium
3 Significant	3 Quite Possible	15 - 25 High
4 Major	4 Likely	
5 Catastrophic	5 Very Likely	

Overall Risk Rating = Low

Describe the hazards associated with the activity/operation.

		Summary of Assessment Overleaf				
		Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating
H1	Exposure to lead dust, fumes and vapour are hazardous to health.	Medium	2	3	6	Low
H2	Exposure can also result if paintwork is being removed from a surface and the original paint contained lead.	Medium	2	3	6	Low

Assessed By:	Date:
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Monitored By:	Date:
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Risk Assessment

Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	<p>Exposure to lead can lead to lead poisoning, affecting the nervous system, kidneys, and other organs. For those working in industries involving lead processing or fabrication, this is a serious concern and therefore requires extra measures.</p> <p>Adequate preparation must be made before any work may commence:</p> <ul style="list-style-type: none"> • The nature and degree of exposure to lead will be assessed and recorded, before work commences. • All those persons engaged in working with lead should receive training and information in regard to hazards. • Sufficient and adequate washing facilities must be available where workers are required to handle or use lead. 			
H1 Exposure to dust / fumes	<p>During works lead in air levels should be monitored and exposure should be controlled by measures other than use of respiratory protective equipment (RPE) where practicable.</p> <p>Appropriate Local Exhaust Ventilation should be deployed if ambient levels cannot be reduced to safe levels.</p> <p>Where it is essential to use RPE then the components must be properly maintained and cleared. Face-fit training must be provided for operatives wearing tightly-fitting RPE masks.</p> <p>All employees significantly exposed to lead must have adequate medical surveillance provided with appropriate records filed. Records of assessments, air monitoring and medical surveillance must be kept.</p> <p>Lead can also be absorbed through the skin so thorough hand washing before meal breaks is important to prevent skin absorption and inadvertent contamination of food before eating.</p>	2	3	6

