


# HexChEC: Hexavalent Chromium Exposure Control

## Exposure Assessment Tool for Stainless Steel Welders

Chrome 6 exposure increases 

Local Exhaust  
Ventilation = LEV

Respiratory  
Protection = RP



Natural or  
general  
ventilation  
is adequate



LEV or RP  
may be  
necessary



LEV and RP  
required

Chrome 6 exposure increases

<div>PROCESS</div> <div>WORK SPACE</div>	SAW (Sub Arc)	GTAW (TIG)	GMAW (MIG)	FCAW (Flux Core)	SMAW (Stick)	CAC/PAC (Carbon arc cutting, plasma arc cutting)
Outdoor						
Open						
Restricted						
Confined						

Chrome 6 exposure increases

This exposure assessment tool is only a guideline and is not to be solely relied upon for regulatory compliance purposes

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