

# WELD WISELY.



## Welding fumes can cause lung cancer

Welding fumes are produced when a metal is heated past its boiling point. Depending on the material being welded and the consumables, breathing in welding fumes can also expose workers to cancer-causing substances like beryllium, cadmium, chromium VI and nickel compounds.

## Exposure to welding fumes is preventable

It is important to *weld wisely* and use appropriate control measures to reduce your risk of cancer each time you weld:

- Remove any coatings or paint from surfaces before welding.
- Choose a welding process and consumables that produce less fume.
- Use local exhaust and general extraction ventilation in areas where welding work is being carried out.
- Wear fitted air supplied or air purifying respiratory protection every time you weld.

## KNOW THE EXPOSURE, USE THE CONTROLS, REDUCE YOUR RISK

To learn about the control measures you can use at your workplace to reduce your risk, please visit [cancer.org.au/go/workcancer](https://cancer.org.au/go/workcancer).

For information and support  
**Call us on 13 11 20**

