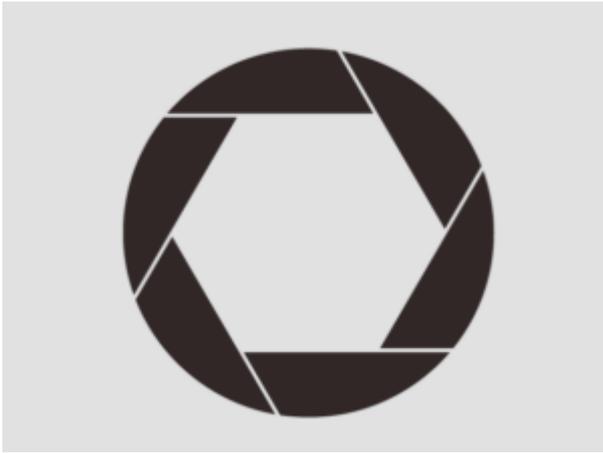


# Arc Welding Safety Picture This



**4000** Typically, an arc welder will spend 20% of an 8-hour work shift welding.

- One single welding operation can produce up to 10 g of airborne fumes and particulates per hour.**
- Welding fumes is composed of elements dangerous to human health.**
- Fume extraction improves safety of all people who work in same environment.**
- Occupational lung diseases are preventable by proper fume extraction.**
- If unprotected, tiny fume particles can pass deep into the lung structure.**
- Extraction efficiency has been measured according to new standard.**
- If exposed for lengthy periods, may result in long term health issues, including cancer.**

Source: <https://www.kemppi.com/en-US/offering/discover/welding-safety/>