

Press Release

Best Practice for Soldering with Plumbing Blowtorch

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Soldering copper pipe requires the use of a gas torch and a gas e.g. Propane or MAP//Pro. The main hazard with soldering is fire and soldering has the three fire triangle requirements for fire – Heat from the torch, Fuel from the gas and surrounding material, Oxygen from the air. Always keep a fire extinguisher within easy reach when soldering to help minimise the risk of fire and injury.



MAP// Pro & Propane Gas – Safety First

To minimise risk, if you smell, hear or suspect gas is leaking from the torch or gas cylinder, do not ignite the torch. Move the torch and gas cylinder outside to a well ventilated area away from any ignition or heat source and disconnect the torch from the gas cylinder.

Minimising Risk to users of the torch and property is a legal requirement under Health and Safety Law. By following the Best Practice, risk can be reduced. Importantly when working with gas and torch there will be a risk of fire so ensure that a fit for purpose and up to date fire extinguisher is within easy reach when soldering.

12 Steps to Minimising Risk



- Prior to use – read & follow instructions
- Select correct torch & correct gas for the job.
- Do not modify, reengineer or disassemble.
- Check conditions of vents, seals & threads.
- Connect cylinder to torch outside building.
- Keep Fire Extinguisher within reach.
- Wear correct Personal Protective Equipment.
- Protect surrounding areas when soldering.
- Keep away from children and pets.
- Do NOT leave torch and gas unattended.
- Disconnect after use.
- Transport safely and disconnected.

All products get dropped, knocked, bumped and degrade with normal use, wear and tear. A torch is an engineered & complicated product. **Never use a torch if you suspect it is damaged or blocked.**

Poster available from : <http://monument-tools.com/wp-content/uploads/2018/01/GasandTorchBestPractice-low.pdf>

YouTube video link : <https://youtu.be/8KqELDxiJ1M>

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