

**Press Release**

**Best Practice for Soldering with Plumbing Blowtorch**

**January 2018, Hackbridge, Surrey.**

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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For more information contact: E [info@monument-tools.com](mailto:info@monument-tools.com)

Media Enquiries contact:

Karin [marketingdept@monument-tools.com](mailto:marketingdept@monument-tools.com)

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