

# Reduce down time! Maintain your systems without drainage

## The major advantage of pipefreezing

Pipefreezing is a non-intrusive method of isolating a pipeline. By freezing the contents within your system, a secure ice plug is formed which retains the liquid whilst remedial works/alterations are carried out. The major advantage to you is that a 'break-in' can be performed on your system with minimal disruption.

Our pipefreezing service offers:

- Safe, cost effective and reliable service
- Negates the need for drainage, venting or refilling thus maximising up-time
- Pipefreezing can be applied to pipes containing a wide range of liquids
- Environmentally friendly solution

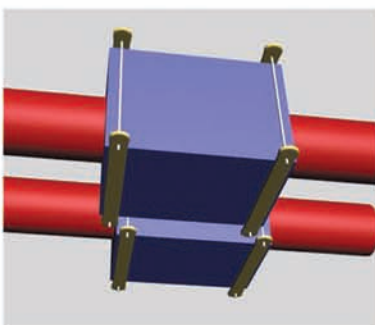
## Safety and reliability

Pipefreezing using liquid nitrogen is safe to use because:

- Freezes can be carried out on high pressure systems
- Structure and integrity of pipes are unaffected by the freezing process
- Safe working environment is ensured by continually monitoring oxygen levels
- Eliminates the handling of hazardous liquids

## How it works...

Showing the general principle of Pipefreezing



Firstly the jackets are attached to the pipe



Once the jackets are sealed around the pipe, liquid nitrogen is pumped in to the jackets

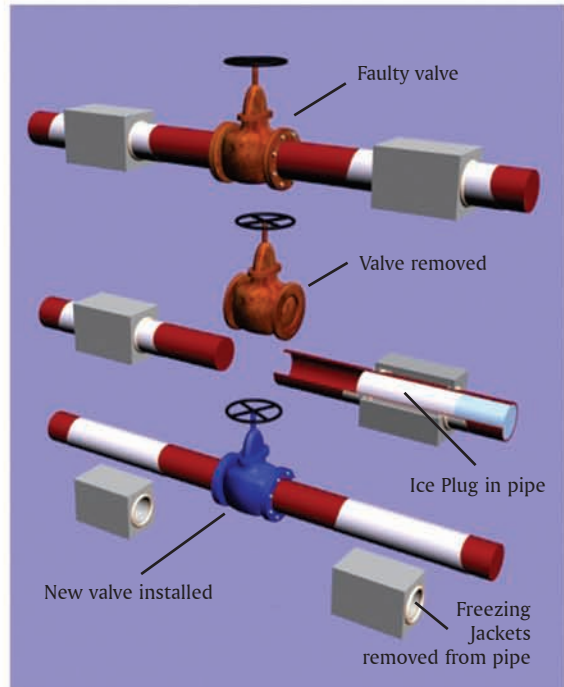


Only when the freeze(s) have been confirmed is work allowed to be carried out

Allied Pipefreezing Services provides free technical support for pipefreezing regardless of the size of the job.

Call Allied Pipefreezing Services for a free no obligation quote for your next pipefreezing requirements

**01282 410240**



## General analysis

Showing an example of how pipefreezing allowed a valve to be replaced. By freezing either side of the valve, only the water between the two freezes would need to be drained and not the full system. After the valve has been changed the ice plugs are allowed to thaw naturally. The freezing jackets are then removed



**Allied Pipefreezing Services Limited**

Specialist Pipefreezing & Under Pressure Drilling Contractors