

Medical Gas Piping Systems Safety

Intended for health workers and all personnel managing medical oxygen

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Do not X

DO REPORT ANY GAS LEAKS AS SOON AS DETECTED

- Report if any noise of leaking gas is detected to maintenance department for urgent action.
- Set off medical gas escape alarm.



DO NOT STAY NEARBY THE GAS LEAKAGES

 Do not stay in the vicinity of the gas leakage because of the possibility of gas saturation in the air, asphyxiation, explosion, fire.



DO ENHANCE VENTILATION IF A LEAK IS DETECTED

 Open windows and doors to lower the gas concentration in the air.



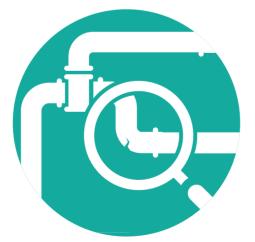
DO NOT COVER PIPING LINEMAKERS AND SIGNAGE

 Do not paint over piping networks to cover labeling, identification, flow direction arrows, valve box labels, etc.



DO REGULAR CHECKS TO THE PIPING

 Check for damage, especially serious abrasion, corrosion, leakages, flattening or mechanical damage of pipelines.



DO NOT USE OILY-SOAP SOLUTIONS TO CHECK FOR LEAKS

 Do not use water solutions with soap that contains oil and/or animal fat. The animal fats may burn easily in an oxygen enriched atmosphere.



References:

Medical Gases, Health Technical Memorandum 02-01: Medical gas pipeline systems. Part B: Operational management. Department of Health, UK. http://www.bcga.co.uk/assets/HTM_02-01 Part B.pdf





