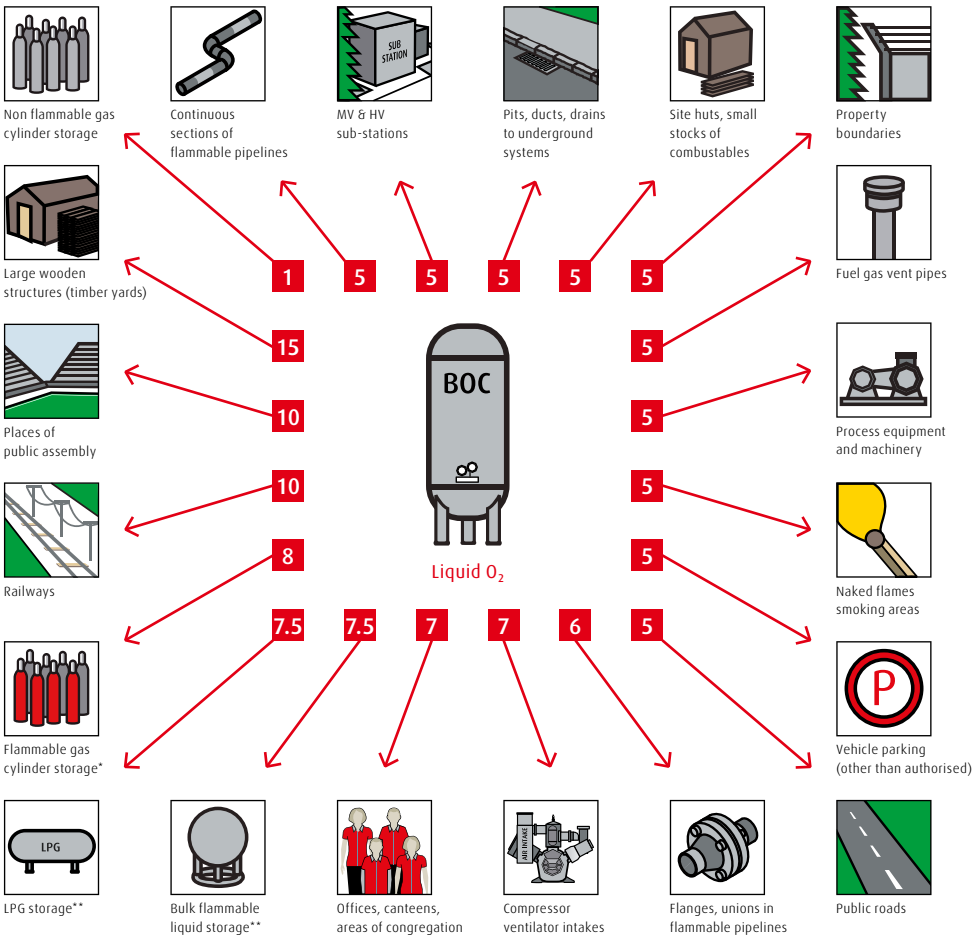
BOC
A Member of The Linde Group

Safety distances for liquid oxygen storage, 2,000 to 20,000 litres net liquid capacity.



Safety distances for liquid oxygen storage, 2000 to 20,000 litres net liquid capacity (distances in metres).

Notes

1. Safety distances are defined as the distance from the exposure to:
   A: Any point on the storage system where in normal operation leakage or discharge can occur, (e.g. fill coupling, pressure relief devices),
   or B: The vessel outer jacket,
   or C: The vessel nozzles.
2. Assumed maximum oxygen liquid phase pipework diameter DN15 (½" nominal bore) and flammable gas/liquid up to DN25 (1" nominal bore).
3. For buildings, the distances are measured to the nearest opening in the building – doors, windows.
4. Ventilator air intakes should be at least 1 metre above ground level if within 10 metres of the installation.
5. Safety distances are from BCGA CP36.

*Safety distances for acetylene. Refer to BCGA CP6 and TD068 Safety distances for dissolved acetylene.
**For LPG or flammable liquids storage above 4 tones, a risk assessment should be carried out to establish the safe separation distance.

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CES/TD052/508310/0815