SAFETY

Compressed gas cylinder storage inspection checklist

A walk of each cylinder store: cylinders upright and secured, caps on, labels legible, oxygen kept apart from fuel gases, and the area dry, ventilated and away from heat.

How often: **Weekly** Who: **Area owner** **About 5 min** **12 items**

Site or area _____ Asset or line _____

Date and time _____ Completed by _____

Before you use it

- OSHA 29 CFR 1910.101(a) requires employers to determine, by visual inspection, that the compressed gas cylinders under their control are in a safe condition.
- Under 1910.253(b)(4)(iii), oxygen cylinders in storage are kept at least 20 feet from fuel-gas cylinders and combustible materials such as oil or grease, or separated by a noncombustible barrier at least 5 feet high with a fire-resistance rating of at least half an hour.
- Inside buildings, cylinders are stored in a well-protected, well-ventilated, dry place, away from radiators and other sources of heat (1910.253(b)(2)).

Store

NO.	ITEM	RESULT	NOTES
1	**Scan the store's tag**	☐ Visited	
2	**Dry, ventilated and away from heat sources**	☐ Pass ☐ Fail ☐ N/A	
3	**No-smoking and hazard signs in place**	☐ Pass ☐ Fail ☐ N/A	

Cylinders

NO.	ITEM	RESULT	NOTES
4	**Upright and secured against falling**	☐ Pass ☐ Fail ☐ N/A	
5	**Valve protection caps on cylinders not in use**	☐ Pass ☐ Fail ☐ N/A	
6	**Contents labels legible; no unlabeled cylinders**	☐ Pass ☐ Fail ☐ N/A	
7	**Full and empty cylinders kept apart and marked**	☐ Pass ☐ Fail ☐ N/A	
8	**No dents, bulges, deep corrosion or fire damage**	☐ Pass ☐ Fail ☐ N/A	
9	**Oxygen 20 feet from fuel gases and combustibles, or behind a 5-foot, half-hour fire barrier**	☐ Pass ☐ Fail ☐ N/A	

Result

NO.	ITEM	RESULT	NOTES
10	**Photo of any problem**	☐ Photo taken	

NO.	ITEM	RESULT	NOTES
11	**Notes**		
12	**Checked by**	Name Signature Date	

Follow-up

For each failed check or reading out of limit: what was found, what was done, and the work order raised for it.

NO.	WHAT WAS FOUND	ACTION OR WORK ORDER	OWNER	DUE

References

- OSHA 29 CFR 1910.101, compressed gases
  https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.101
- OSHA 29 CFR 1910.253, oxygen-fuel gas welding and cutting
  https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.253

Free to use and adapt. To run it on mobile, with checkpoint scans, readings checked against their limits as they are entered, and photos and signatures attached to the check, see vardian.io/templates/compressed-gas-cylinder-inspection.