

Heavy-Duty Storage Cages for Gas Cylinders

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Safety & First Aid



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Gas cylinder storage cages are secure, ventilated, fire-rated enclosures that store full and empty gas cylinders upright, chained and separated by gas type, protecting the workshop from tipping, tampering and fire. They are a compliance essential wherever cylinders are kept.

Key Features

- Ventilated mesh or louvred steel
- Chain or strap restraints for cylinders
- Separate sections for full and empty
- Fire-rated construction where required
- Padlock points and warning signage

Typical Uses in the Workshop

- Store welding gas cylinders securely outdoors
- Keep full and empty cylinders separated
- Prevent unauthorised access to cylinders
- Comply with gas storage regulations

Safe Operation

1. Chain cylinders upright in their sections
2. Separate flammable and oxidising gases
3. Keep the cage lock secured
4. Store cylinders with valves closed and caps on
5. Sign the cylinder log on deliveries

SAFETY NOTES

- Never store cylinders indoors without ventilation
- Keep ignition sources away from the cage
- Do not stack or lay cylinders down
- Check the chains hold each cylinder
- Inspect the cage for corrosion and damage

Maintenance & Consumables

- Check valves, caps and chains monthly
- Clean the cage area of rubbish
- Check the signage and locks
- Inspect the structure for rust
- Audit the cylinder contents termly

Specification & Buying Notes

Buy a cage sized to the cylinder count with ventilation, chains and lockable doors. Fire-rated and louvred designs fit the local rules. Add warning signs and a cylinder log.