

# Chemical Storage Cabinets

## A Comprehensive Guide to Safe Storage and Regulatory Compliance

[Product Image Here]

## Introduction

The safe storage of chemicals and other hazardous substances is of paramount importance for businesses across various industries. Improper storage, handling, or disposal of these substances can pose significant threats to employee health and safety, result in environmental damage, and lead to legal or financial consequences. Chemical storage cabinets serve as a reliable solution for managing hazardous substances while promoting safety, regulatory compliance, and environmental responsibility.

Specially designed to store and contain hazardous chemicals, chemical storage cabinets prevent spills, minimise vapour emissions, and reduce fire or reaction risks. By implementing these cabinets and training employees, organisations can efficiently manage hazardous substances while maintaining compliance.

## Types of Chemical Storage Cabinets and Their Applications

- **Flammable Liquid Cabinets:** Designed to store Class 3 flammable liquids safely, colour-coded yellow with double wall construction, self-closing doors, and containment sump.
- **Corrosive Substance Cabinets:** Designed to store Class 8 corrosive substances safely, colour-coded blue with double wall construction, self-closing doors, and containment sump.
- **Toxic Substance Cabinets:** Designed to store Class 6 toxic substances safely, colour-coded white/grey with double wall construction, self-closing doors, and containment sump.
- **Aerosol Can Cages:** Designed for aerosol storage, colour-coded yellow with perforated walls for vapour dispersal and projectile protection.
- **Gas Cylinder Cages:** Designed for T, P, and G gas cylinders, colour-coded blue with perforated walls for vapour dispersal and projectile protection.

# Choosing the Right Chemical Storage Cabinets Built to Australian Standards

Class	Standard
Class 3 Flammable Liquids	AS 1940:2017 – The storage and handling of flammable and combustible liquids
Class 8 Corrosive Substances	AS 3780:2023 – The storage and handling of corrosive substances
Class 6 Toxic Substances	AS 4452:1997 – The storage and handling of toxic substances
Class 5.1 Oxidising Agents	AS 4326:2008 – The storage and handling of oxidising agents
Class 5.2 Organic Peroxides	AS 2714:2008 – The storage and handling of organic peroxides
Aerosol Cans	AS/NZS 3833:2007 – The storage and handling of mixed dangerous goods in package
Gas Cylinders	AS 4332:2004 – The storage and handling of gases in cylinders

## Best Practices for Safe Chemical Storage and Cabinet Maintenance

- ✓ Segregation of Incompatible Chemicals – keep flammables and corrosives apart to avoid reactions.
- ✓ Regular Inspections – check cabinet integrity, locks, and structure frequently.
- ✓ Spill Management – have spill kits and absorbents ready to manage accidents.
- ✓ Employee Training – train staff in safe handling, storage, and emergency response.
- ✓ Ventilation – maintain airflow to prevent vapour build-up.
- ✓ Labelling & Signage – ensure clear hazard labels on all cabinets.

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**Discover our extensive range of high-quality chemical storage cabinets.**

Our cabinets are built to meet Australian Standards and ensure workplace safety, compliance, and environmental responsibility. By choosing Airex.pk, you demonstrate a commitment to protecting employees, property, and the environment.