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Oxidizing Agents Storage Cabinets Installation and Maintenance Instructions

Oxidizing agents cabinets are manufactured to AS4326-1995. This standard permits the storage of up to 250kg or L for indoors use, of which not more than 50kg or L may be Packaging Group I. Specified construction features include:

- Walls, floor, roof and door of a cabinet must be double-walled steel.
- There must be a gap of at least 40mm between the walls to limit heat getting inside the cabinet.
- The cabinet bottom must form a liquid-tight sump at least 150mm deep and capable of containing at least 25% of the total storage capacity.
- Shelves must permit free movement of air.
- Doors must be self-closing and close-fitting. They must be held shut by catches which will release in the event of a build-up of pressure within the cabinet.
- Door catches and hinges must not be constructed of plastic or zinc die castings.
- Cabinets must be vented to atmosphere, away from ignition sources and areas where persons are likely to congregate.

Under AS4326, cabinets must be located at least 3m from any ignition source, and near facilities for washing hands. They must not block exits and stairways. Not more than one cabinet may be used in each 100m² of building area. The separation distance between any two cabinets must be at least 3m.

The storage of any other class of dangerous goods in a designated oxidizing agents cabinet is prohibited under section 4.7.1 of AS4326. Where more than one oxidizing agent is kept in a cabinet, they must be compatible