

A GUIDE TO AUSTRALIAN WINDOW  
OPENING REGULATIONS

# WINDOW RESTRICTORS



# A guide to Australian window restricted opening regulations

Each year, more than 50 children fall from windows or balconies in Australia. Many suffer serious injuries while some of these falls are even fatal.

These falls often occur in the children's own home, especially during the warmer months when windows and balcony doors are left open. Children aged between one and five are most at risk as they are naturally curious but lack the ability to recognise danger.

By law, owners corporations in NSW must have window safety devices installed on all above ground windows by 13 March 2018.

According to the National Construction Code (NCC), manufacturers are required to produce windows that meet mandatory minimum specifications under the Protection of openable windows section (3.9.2.5).

The NCC is an initiative of the Council of Australian Governments (COAG) developed to incorporate all on-site building requirements into a single code.

The NCC sets the minimum requirements for the design, construction and performance of buildings throughout Australia.

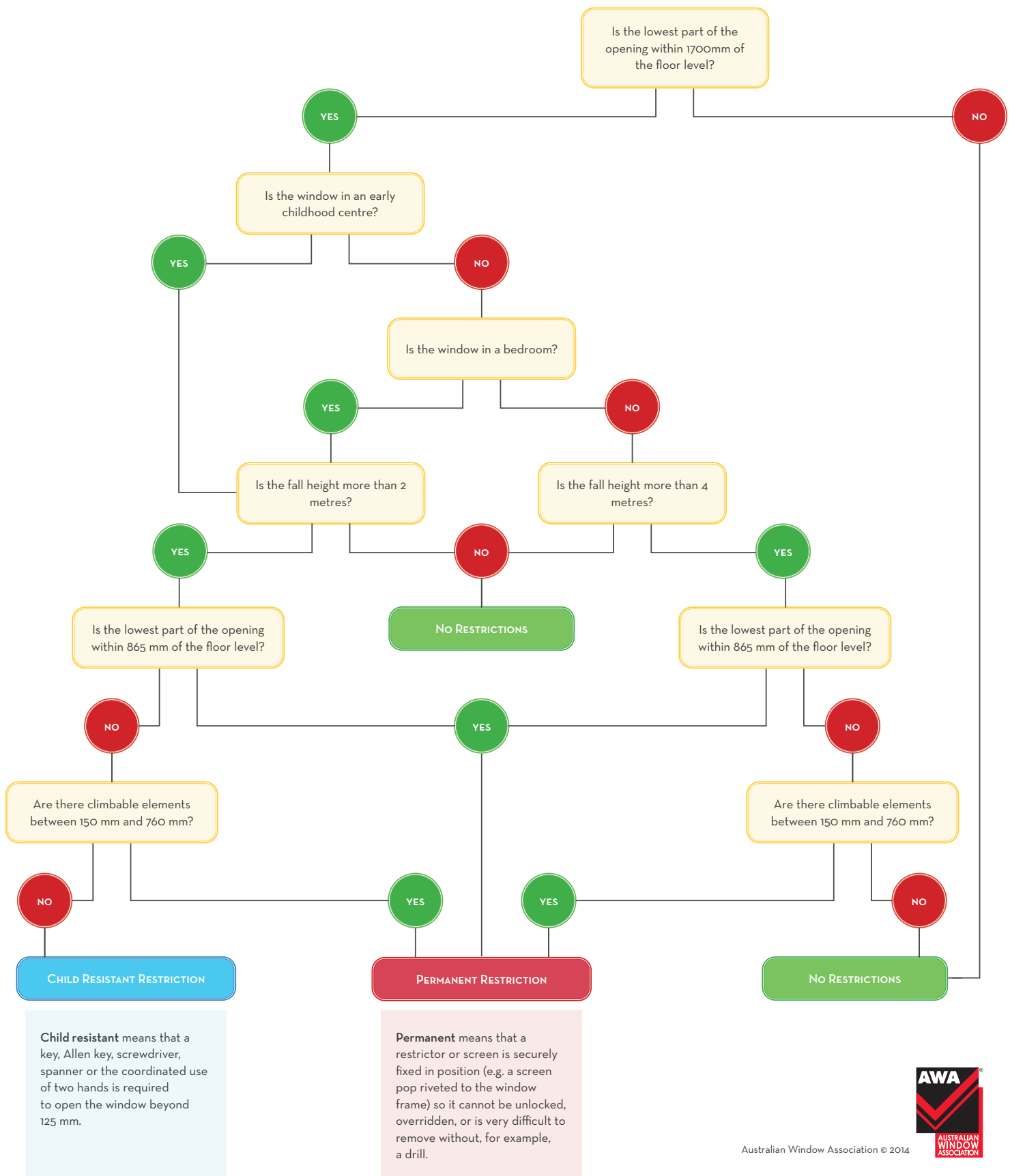
To limit the risk of a child falling through an openable window, the NCC states that if the floor below the window in a bedroom is 2.0 m or more above the surface beneath and the lowest level of the window opening is less than *1.7 m above the floor*, a restriction (device or screen) is required to:

- Restrict window openings to less than 125mm; to not permit a sphere of 125mm diameter to pass through the window opening or barrier screen; while resisting an outward horizontal force through the opening of 250 newtons (equivalent to 25.49Kg) while the window is restrained by a restriction device or barrier screen protecting the opening.
- Have a child resistant release mechanism, thus the screen or device is unable to be removed, unlocked or overridden.



# Fall prevention **flowchart**

Use this flowchart to determine whether a window restriction device is required:





# Doric's focus is to assist manufactures to meet the regulations

To assist window manufacturers in meeting the regulation, Doric manufactures the following hardware restriction devices for awning, casement, double hung and sliding windows:



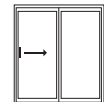
Awning



Casement



Double Hung



Sliding

**DS1177** Chainwinder



- Suitable for residential awning windows
- Inbuilt restriction switch to easily restrict chain extension
- Exceeds AS2331.1.1 720 hour neutral salt spray test

**DN400** Twin Chainwinder



- Suitable for residential and commercial application, particularly where larger awning windows are found
- Self restriction to an opening distance of approx. 105mm
- Available with either "5 pin" or "6 disc" cylinder locking mechanism

**DS259** Double Hung



- Suitable for residential double hung windows
- Innovative way to restrict both the top and bottom sashes from moving to a distance predetermined by the installer
- Able to be keyed alike to suit other Doric locking devices
- Does not interfere with the windows balance mechanisms

**DS255** Sliding Window



- Suitable for residential sliding windows
- Key operated removable body which can be removed for emergency egress and cleaning purposes
- Enables sliding windows to be restricted at a distance predetermined by the installer

**SS0001** Security Stay



- Suitable for all residential and commercial window suites
- Made from high quality 304 grade stainless steel

# Azuma

## Self Certification Kit

All Australian window manufacturers must comply with the NCC regulation and must be able to verify compliance on request. A statement of compliance from Doric or any other hardware manufacturer is not sufficient to assume a pass. To achieve compliance there are self certification kits available from Azuma.

With both NATA and IQNet accreditation, Azuma is an independent testing facility capable of testing to Australian standards. Their testing specialists have developed a self certification kit to help window manufacturers ascertain whether their windows meet the mandatory minimum requirements of NCC under the *Protection of openable windows section (3.9.2.5)*.

Testing on windows may be carried using two methods: type testing or onsite testing. Type testing needs to be carried out by a testing authority accredited by NATA or IANZ. Onsite testing must be done by a suitable competent or qualified person. The largest barrier test sample will suffice all smaller size barriers given that the secure fixing methods are maintained.

The kit also includes a pro forma pad for quality assurance and a copy of the Australian Window Association Industry Code of Practice documentation.

For further information on self certification kits, please visit [www.azumadesign.com.au](http://www.azumadesign.com.au) or contact them on 02 9604 0255.

The self certification kit includes:

- a. 125mm bullet shape probe
- b. 125mm sphere
- c. Force gauge
- d. 125mm diameter pressure plate
- e. Stop watch



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