

Barriers and Tape

The word **MUST** means it is a mandatory requirement. Where you see the words **YOUR CALL** it means you are strongly advised to do this, but you can use your judgement.



Defining Hazardous Areas

Hazardous Areas **MUST** be marked with barriers or tape to:

- inform people of the hazard
- control access to the area

This ensures that only authorised personnel who understand the hazards and controls can enter.

Barriers or tape **MUST** be used in the following situations:

- around excavations and openings in floors, roofs or work platforms
- in areas where other work parties or activities are nearby
- around potential exposure to steam, gas, water or hazardous substances
- around live electrical equipment

Exclusion Zones

Areas around hazardous areas are also called **Exclusion Zones**. They are used to keep people and equipment separate from hazards such as moving machinery like cranes or excavators, hazardous substances, or hazardous noise for example.

Setting up a Barrier

Warning barriers can be made from various materials including:

- caution or danger tape
- plastic orange mesh fences secured on waratahs
- coloured rope or chain
- bollards with extendable barrier bars
- cones with interchangeable coloured sleeves added
- scaffold components to create temporary fencing

It's **YOUR CALL** on which barrier will be most appropriate for your work. When deciding, consider who will be able to access the area, what type of work is occurring, if there are other work parties nearby, how long the work will continue, and whether the public may be able to gain access.

A written risk management plan, such as a Lift Plan, Toolbox Talk, Hazard ID or Job Safety Analysis (JSA), **MUST** be in place for each hazardous area.



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Signage

Barrier tags or hazard boards **MUST** be used in conjunction with barriers and include the following information:

- the date the barrier or tape was put up
- the reason for the barrier or tape
- Contact information (including phone number) for the person in control of the area.

You can find suitable tags in Stores, smoko rooms and the Station.

You **MUST** also list the hazard on your Hazard ID board.

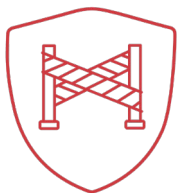
It's **YOUR CALL** whether to include the Safety Document for the area as well. If you do, they should be colour-coded as follows:

- Work Permits: pink
- Restoration of System Hazard (ROSH) Work Permits: green
- Limited Work Certificates: blue
- Sanction for Test: yellow

Inspections






Barriers **MUST** be inspected regularly (e.g. at the start and end of each shift) to ensure the area remains identifiable, access points are controlled, and all tags are in place and readable.

To enter a hazardous area, you **MUST** read the hazard tag on the barrier, request permission from the person in control of the area and have signed onto the risk assessment.



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Type	Purpose
Danger and keep out tape	<ul style="list-style-type: none">Indicates prohibited entry due to serious hazards or to preserve an incident scene.Tape and tags are available at Contact Stores or the Station Workshop. <div></div>
Authorisation area boundary rope (as defined in the Safety Manual Electricity Industry (SM-EI))	<ul style="list-style-type: none">Defines boundaries for system work, i.e. electrical work, work within switchyards; consists of yellow and green rope or safety bars and cones.Use when working under a ROSH permit, Limited Work Permit or Sanction for Test Permits. <div></div>
Radiation warning tape and beacons	<ul style="list-style-type: none">Warns of radiography (x-ray) operations and restricts access.Warning tape and beacons are supplied by Contractors. <div></div>



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Scaffold, concrete, sand or water-filled barriers	<ul style="list-style-type: none">Controls access to specific areas, especially where multiple work parties are present, or publicly accessible areas.Supplied by Contractors. 
Orange plastic mesh fence and waratahs with caps.	<ul style="list-style-type: none">Used for small hazards or long-term barriers that need resilience.Check for underground services before driving waratahs into the ground.Mesh, waratahs and caps are available at Contact stores or the Station Workshop. 
Caution tape	<ul style="list-style-type: none">Indicates possible hazards within the taped area.Tape and tags are available at Contact stores or the Station Workshop. 