

# projectoverview



## JUPITERS CASINO

GOLD COAST, QLD



smoke containment screens • smoke curtains • fire curtains • horizontal fire curtains • smoke & heat release vents • natural ventilation • fire resistant glazing • horizontal glazing • smoke doors • fire doors • intumescent paint & other specialty systems

W: [www.smokecontrol.com.au](http://www.smokecontrol.com.au) • T: 1300 665 471 • E: [info@smokecontrol.com.au](mailto:info@smokecontrol.com.au)

## Problem

New internal atrium requiring excessive smoke exhaust volume.

## Solution

Install 3 9m wide x various drop height Supercoil smoke curtains to reduce the open area of the floor. Therefore reducing the exhaust flow and fan sizes required for a more robust solution.

## Design Considerations

The system needed to be gravity fail safe and single span (no overlaps) to form a solid barrier to fire air flow through the open area underneath the curtain.

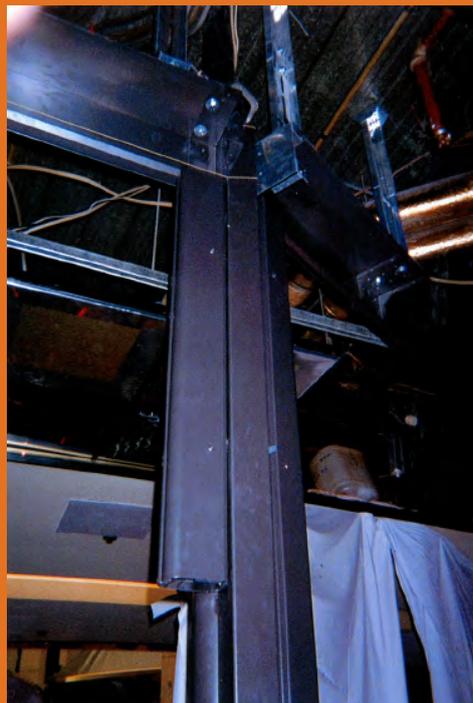
## Fire Safety Engineer

Lincolne Scott

## Builder

Glenzeil

*Note: Each project is unique and usually requires the involvement of a Fire Safety Engineer.  
Please contact us to discuss the suitability of this solution for your project.*



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## MUSEUM

SYDNEY, AUSTRALIA



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## Problem

A heritage and public building required a fire upgrade. Internal stairs were connecting multiple levels and also a path of egress

## Solution

Install Supercoil smoke curtains that suspended approximately 500mm below the ceiling with a glass smoke baffle above

## Design Considerations

The smoke curtains required a wide span and minimal head box size. This was made possible with the installation of Supercoil. The installation team required the necessary skills to trouble shoot unique site situations such as winding the curtain head box in and out of a rigid steel 'C'- section used to support the glass above.

## Client

Amour Consulting

## Fire Safety Engineer

Australian Museum

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