



11 July 2025

Jack Russo
Lead Venue Operations Supervisor
Venues & Events
Museums Victoria
GPO Box 666
Melbourne VIC 3001

Dear Jack,

Re: Structural Considerations – Inflatable Installation at the Royal Exhibition Building

Following our review of the proposed inflatable structure installation within the Royal Exhibition Building (REB), including the documentation and sectional drawings provided, I confirm that the design intention for the inflatable to make contact with the existing truss tie rods, by virtue of its maximum inflated height aligning just below or equal to the tie rods, is acceptable from a structural engineering perspective.

Our assessment is based on the understanding that the inflatable structure will not exert any sustained pressure or force on the tie rods. As it remains floor-bound through a combination of material properties, inflation control, and architectural constraints, and as it is not mechanically affixed to the tie rods, this incidental contact is considered to pose negligible risk. It is also confirmed that the structure is not to exceed the existing Reduced Level (RL) of the tie rods at any point.

Should you require further technical commentary or clarification, please do not hesitate to contact me.

Yours sincerely,

Dayne Davis
Senior Associate - Timber
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