

Aggregate Bay, Retractable Tunnel & Temporary Structure Maintenance Check List

Stuart Canvas recommend regular an annual/monthly/weekly maintenance inspection is carried out on all installed Retractable Tunnels & Temporary Structures, to ensure all components are working correctly. The potential working hours of a tunnel or structure and the nature of the products stored should be taken to consideration while caring out maintenance inspections. For more details on Maintenance please see the 'Aggregate Bay, Retractable Tunnel & Temporary Structure Maintenance Guidelines' by Stuart Canvas Group.

Every maintenance inspection should be carried out by competent personal and the following aspect should be checked as a minimum requirement.

Tracking – The tracking should be clear of any debris and should be undamaged and true.

Wheels – Wheels should be undamaged and be able to move smoothly without hindrance.

Frame Work – All aspects of the metal frame work should be closely checked to ensure that there is no damage, bowing or corrosion.

Pantographs – Each pantograph should be checked individually to ensure each pantograph moves freely and there is no sign of damage or bowing.

Anti-Lift Angle Brackets – Each bracket should be checked to ensure the bracket has not been twisted or sustain any other type of damage.

Gutters – All gutters should be checked to ensure that no debris is blocking the gutter and preventing them from working correctly.

Nut Caps – Ensure that Nut Caps are in place.

Roof A-Frame – A visual check to ensure that no bowing, damage or corrosion is visible on the roof a-frame structure.

Kedar Panels – Each Kedar Panel should be checked for rips and tears in the material. Each panel should be taught when a retractable tunnel is full extended.

Zips/Velcro/Levers – All fastening points should be able to be fastened and unfastened easily and securely.

Tie Down Points – All external and internal tie down points should be checked to ensure they are secure.

Motorised Mechanism – A visual check to ensure all components have not been subject to any damage, this includes ensuring all brackets and fastening screws and bolts are secure.

Legato Blocks (if applicable) – A regular visual check of the supporting Legato blocks is essential to ensure that these have not been damaged or moved during the loading / unloading of product into the bays. Potential issues that can impact the operation of the structures would be severe movement and damage to the blocks causing breakage to fixings / gutters / components used on the structure.

Example Inspection Check List

Company Name	
Tunnel / Structure Location	
Date of Inspection	
Date of Next Inspection	
Names of Inspector(s)	

	Checked for Damage	Checked for Bowing	Checked for Corrosion	Movement Checked
Tracking				
Wheels				
Braked Wheels				
Framework				
Pantographs				
Anti-Lift Brackets				
Gutters				
Nut Caps				
Roof A-Frame				
Kedar Panels				
Zips/Velcro/Levers				
Tie Down Points				
Motorised Mechanism				
Legato Blocks				

Comments	
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Signature	
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