

RPII Inspector Issued Report

Issued by: Elliotts Inspections

Issued 19/11/2025

RPII Reg Number: AI0223

Place of Inspection: On site at customer location

Unique Report Number: 57



SPENCER ELLIOTT
Certificate Number: AI0223



Unit Details

Description: Green christmas grotto
Manufacturer: smart shapes
Size (m): Width: 2.9 Length: 2.9 Height: 2.3
Serial: pt4
Unit Type: xmas grotto
Unit Owner: party time inflatables

User Height/Count

Containing Wall Height: 0m
Comment: n/a
Tallest Platform Height: 0m
Comment: n/a
First Metre of Slide Height: 0m
Comment: Not Applicable
Remaining Slide Wall Height: 0m
Comment: Not Applicable
Permanant Roof Fitted: False
Comment: Not Applicable
Tallest User Height: 1.8m
Comment: Calculated using lowest containing wall height minus the pla
Internal Play Area Length: 2.2m
Comment:
Internal Play Area Width: 2.3m
Comment:
Negative Adjustment: 0m
Comment: Approx square metre are taken by obstacles, biff bash, mound
Users @ 1.0m: 5 Users @ 1.2m: 5
Users @ 1.5m: 5 Users @ 1.8m: 5

Slide

Slide Platform Height: 0m
Comment: Not Applicable
Containing Wall Height: 0m
Comment: Not Applicable
First Metre Slide Wall Height: 0m
Comment: Not Applicable
Remaining Slide Wall Height: 0m
Comment: Not Applicable
Perm Slide Roof Fitted: False
Comment: Not Applicable
Steps/Clamber Netting Pass/Fail: False
Comment: Not Applicable
Slide Run Out: 0m
Slide Run Out Pass/Fail: False
Comment: Not Applicable
Slip Sheet Integrity Pass/Fail: False
Comment: Not Applicable

Structure

Seam Integrity Pass/Fail: True
Comment: Secure and no loose stitching.
Lock Stitching Pass/Fail: True
Comment: Lock stitching used.
Stitch Length: 3mm
Stitch Length Pass/Fail: True
Comment: Stitching between 3mm - 8mm
Air Loss Pass/Fail: True
Comment: No significant air loss or holes.
Walls and Turrets Vertical Pass/Fail: True
Comment: Walls Vertical and gradient no greater than +-5%
Sharp/Square/Pointed Edges Pass/Fail: True
Comment: No sharp or pointed edges.
Blower Tube Distance: 1.20m
Blower Tube Pass/Fail: True
Comment: Inflate blower tube is at least 1.2m from edge of cone to in
Unit Stable Pass/Fail: True
Comment: Unit is stable.
Evacuation Time: 30s
Evacuation Time Pass/Fail: True
Comment: Evacuation time sufficient for intended users to exit safely

Risk Assessment

The suitability of all materials used in manufacturing should be taken from conformity reports. Where not available these should be requested from the manufacturer/importer.
Safety aspects should be taken from the user manual provided by the manufacturer. If not provided then this should be requested or created by the controller.
Not to be used in wind speeds in excess of 38Kph.
A competent adult should supervise the inflatable and users at all times.
All anchor points to be used at all times.
grotto - not for bouncing on

Structure Cont.

Step/Ramp Size: 1.2m
Step/Ramp Size Pass/Fail: True
Comment: n/a
Critical Fall Off Height: 0.6m
Critical Fall Off Height Pass/Fail: True
Comment: n/a
Critical Fall Off Height: 0.6m
Critical Fall Off Height Pass/Fail: True
Comment: n/a
Unit Pressure: 1.55Kpa
Unit Pressure Pass/Fail: True
Comment: Pressure is a minimum of 1.0 KPA
Trough Depth: 70mm
Trough Adjacent Panel Width: 470mm
Trough Pass/Fail: True
Comment: n/a
Entrapment Pass/Fail: True
Comment: No entrapments.
Markings/ID Pass/Fail: True
Comment: Blower, User Height, Max Users, Unique ID, Year of Manufactu
Grounding Pass/Fail: True
Comment: 25kg @ 1m, 35kg @ 1.2m, 65kg @ 1.5m and 85kg @ 1.8m

Anchorage

Number of Anchors: 6
Number of Anchors Pass/Fail: True
Comment: Sufficient number of anchor points per side.
Anchor Accessories Pass/Fail: True
Comment: Produced correct amount of stakes at 380mmx16mm with rounded
Anchors Between 30-45° Pass/Fail: True
Comment: Anchors are at an angle to the ground of 30° to 45°
Anchors Perm Closed Pass/Fail: True
Comment: Metal and permanently closed.
Pull Strength Pass/Fail: True
Comment: Meets the 1600 newton pull requirement test using 163kg pull

Totally Enclosed

Number of Exits: 0
Number of Exits Pass/Fail: False
Comment: Not Applicable
Number of Exits Pass/Fail: False
Comment: Not Applicable

Materials

Ropes: 18mm
Ropes Pass/Fail: True
Comment: Between 18mm - 45mm. Fixed at both ends, no greater than 20%
Clamber Netting Pass/Fail: True
Comment: Not monofilament, no entrapment and at least 12mm diameter,
Retention Netting Pass/Fail: True
Comment: Vertical netting > 1m mesh size is no greater than 30mm. Roo
Zips Pass/Fail: True
Comment: Zips easily open/close and covered. Open both sides where ap
Windows Pass/Fail: True
Comment: Retention netting strong enough to support heaviest user for
Artwork Pass/Fail: True
Comment: Not flaking - Manufacturer to supply conformity report to EN
Thread Pass/Fail: True
Comment: Manufacturer to provide conformity report to confirm thread
Fabric Strength Pass/Fail: True
Comment: Manufacturer to provide conformity report to confirm tensile
Fire Retardant Pass/Fail: True
Comment: Manufacturer to provide conformity report to confirm FR.

Fan/Blower

Comment: Reaches 1.0 kpa pressure on a 1.5hp blower.
Return Flap Pass/Fail: True
Comment: Blower return flap present and correct to reduce deflation t
Finger Probe Test Pass/Fail: True
Comment: 8mm finger probe does not pass and come into contact with an
PAT Test Pass/Fail: True
Comment: Customer own certificate.
Visual Inspection Pass/Fail: True
Comment: Passes visual inspection and suitable.
Blower Serial: pt1c

Testimony: I certify that the equipment identified above was inspected and complied with the safety criteria required using all relevant sections of the European Standard EN 14960:2019 on the above date.

Result: Passed Inspection

The software used to generate this report was made by Spencer Elliott.