



# Certificate of Inspection

PIPA Device Reference Number: 52957 | Tag Number: 52957 | Report: 416875-v1

Pass

I confirm that this inflatable obstacle course device has been inspected in accordance with the PIPA scheme rules, and where it is applicable, it meets the requirements of BS EN 14960. All details contained within this inspection report are a true representation of what I found and observed during my inspection process.

Inspection Valid From:  
03 April 2025

Expiry Date:  
02 April 2026

Inspector Name: Peter Grand  
Inspection Body: Inflatable Testing & Training Services  
Inspection Report ID: 416875-v1  
Signature:

Peter Grand

## Device Details

Manufacturer: Airquee Ltd  
Device Type: Obstacle Course  
Manufactured Date: Unknown  
Device Description:  
Device Disclaimer:  
I confirm that this inflatable obstacle course device has been inspected in accordance with the PIPA scheme rules, and where it is applicable, it meets the requirements of BS EN 14960. All details contained within this inspection report are a true representation of what I found and observed during my inspection process.  
Dimensions (L x W x H): 12.3m x 3.1m x 3.3m  
Tested for Indoor Use Only? No

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report



# Inspection Report 416875-v1

ID: 416875-v1

Inspection Valid from: 03 April 2025

Expiry Date: 02 April 2026

Status: **Pass**

Inspection Body: Inflatable Testing & Training Services

Tag No: 52957

Device Type: Obstacle Course

Serial Number: P49457



Item	Status / Details	Notes
Report Details		

This is an inspection of an inflatable device which has been completed under the scheme rules of the PIPA Testing Scheme Limited.

Creation Date:	17/03/2025
Inspection Date:	17/03/2025
Place of Inspection:	East Horsley
Inspector:	20: Peter Grand
Structure version:	202407
Tested for Indoor Use Only:	No

## Device

Information about the device can be found below.

PIPA Reference Number:	52957
Tag Number:	52957
Type:	Obstacle Course
Name:	2 Part Black and Orangina Energy Assault Course
Manufacturer:	Airqueen Ltd
Serial Number:	P49457
Date Manufactured:	Unknown
Device Images:	









Where is the device information or label?: side/front/inflation tube

Structure

This section of the report contains important structural information about your device. How a device has been designed and structured is a very important part of device safety.

Length:	12.3m	
Width:	3.1m	
Height:	3.3m	
Bed Panel Width:	0.46m	
Trough Depth:	Pass	0.07m
Seam Security:	Pass	No issues
The size of the stitching is between 3mm and 8mm:	Pass	4-5mm
Internal wall Heights:	Pass	1.75m
Are the walls able to contain the intended users?:	Pass	
Open Side Fall off Height:	Pass	0.56m
Grounding:	Pass	85kg
Stability:	Pass	Stable

Structure			
Entrapment:	Pass		No Issues
Sharp Angles or Hard Surfaces:	Pass		No Issues
Number of Zips:	Pass	6	Enclosed - No issues
Window Integrity:			
Are Nets Present?:	Yes		
Ceiling Netting < 8mm:	Pass	1mm	Scrim
Walls / Windows Netting < 30mm:	Pass		
Are clamber nets present?:	No		
Air Loss Points:	Pass		No Issues
Markings:	Pass		
Type of Artwork:	Pass	Printed	

Materials			
This covers the materials your device has been made from. Although the structure won't change over time the condition of materials will due to wear and tear and exposure to users and the elements.			
Fabric Material and Condition:	Pass		Manufacturer - No issues
Thread Condition:	Pass		Manufacturer - No issues
Material Fire Retardancy:	Pass		Manufacturer - No issues
De-lamination of PVC:	Pass		No issues

Anchorage			
A vital part of safe inflatable device operation is appropriate anchoring – especially when devices are used outdoors.			
Number of high level anchors:	0		
Calculated Required No. of Anchor Points:	11		
Total No. of Anchor Points:	Pass	20	
Anchor Point Integrity, Location and Angle:	Pass		8 each side 2 each end
Anchor Point Accessories:	Pass		
Anchor Description:	Pass	triangle PVC	
Are Ropes Present:	No		

Area & surround			
Play Area m²:	12m²		

Blowers

By definition inflatable devices covered by the PIPA Testing Scheme will use blowers. Blowers are fundamental to the operation of the device and will be checked both mechanically and electrically by your inspector. Note that is common for blowers to be moved between devices as, in many cases, it's not possible to always ensure a specific blower will always be used with a specific device. If blowers are swapped or replaced, they must be of the same design and power as used when the device was inspected.

Air Pressure: Pass 1.3kPa 2024 = 1.29kPa/1.36kpa



Number of Blowers: 2

PAT Test - Is there a valid PAT test result within the past 12 months?:

Date of PAT Test:

CE/UKCA Mark: Pass

Inspection of the blower's inlet guard, outlet guard, non-return valve and impeller:

No issues

Blower Electrical Cable: Pass

No issues

Blower Manufacturer: Gibbons Constant air



Blower Model Reference: Pictures

Blower Serial Number: ZM125510C

Blower Power / Size: 1.5hp

Blower Distance: Pass 1.3m

Blowers

PAT Test - Is there a valid PAT test result within the past 12 months?:

Date of PAT Test:

CE/UKCA Mark:

Pass

Inspection of the blower's inlet guard, outlet guard, non-return valve and impeller:

Pass

No issues

Blower Electrical Cable:

Pass

No issues

Blower Manufacturer:

Gibbons

Constant air



Blower Model Reference:

Picture

Blower Serial Number:

SN137151

Blower Power / Size:

1.5hp

Blower Distance:

Pass

1.3m

Entrance, exits & evacuation

The entrance or exit of an inflatable is important to ensure safe access and evacuation. It also has design features to help reduce the risks to users on the device.

Evacuation Time:

Pass

14Seconds

Is the device considered to be an enclosed unit?:

No

Does the device have a step?:

Yes

Adjacent Platform Height:

0.61m

Length of Step :

Pass

1m

Slides

Slides are a particularly fun feature of an inflatable device and there are critical dimensions required to ensure safe operation.

Number of Slides:

1

Platform Height:

2.35m

Platform Wall Height:

Pass

0.9m

Enclosed



## Slides

First Meter Wall Height:	Pass	0.9m	Enclosed
Slide Wall Height:	Pass	0.9m	
Slide Sheet:	Pass		No issues
Run Out:	Pass	1.6m	
Platform Roof Fitted:	Pass		
Is the method of access to the slide using foam steps?:	Yes		

## Users

Understanding the height and number of users is vital to safe operation of an inflatable device. This should have been specified by the device manufacturer, but the inspector will check the manufacturers recommendations based on device dimensions and appropriate standards.

Max Number of Users of Height up to 1.0m:	12	Manufacturer
Max Number of Users of Height up to 1.2m:	12	Manufacturer
Max Number of Users of Height up to 1.5m:	12	Manufacturer
Max Number of Users of Height up to 1.8m:	10	Manufacturer
Custom Max User Height:		

## Notes

These are final notes sections for the relate to the report and are particularly important to pay attention to if present. Risk Assessments contain important operational information that must be noted and acted on to ensure safe play. Your inspector may also provide other Advisory Notes related to maintenance or operation over the next 12 months

### Additional Notes:

Maximum operating wind speed outdoors - 24mph. - All anchor points to be used outdoors using ground stakes minimum size 16mm x 380mm or equivalent 163kgs per anchor point if setting up on hard surface. - Stakes should not protrude more than 25mm above ground level. - Minimum operating pressure 1kPa. - Mats to be used at entrance/exit when operating on hard surface. - Adult supervision always. - Manufacturers Operation manual must always be followed. - Pressure to be checked and recorded prior to each use.

### Risk Assessment Notes:

### Repairs needed to pass inspection:

### Advisory items :

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Peter Grand