

Stability Assessment Report



HPI Verification Services

The Recreational Craft Regulations 2017

Legislation reference SI 2017 no. 737 as amended: Schedule 1 A3.2 & A3.3

Assessment module AI: Internal production control plus supervised product testing

Report number **HPIUK-R1001-462-I-01-00**

Manufacturer **Kevin Nash Group Ltd**
Units 18-21, Burnham Business Park
Burnham, Essex
CM0 8TE
United Kingdom

Watercraft Model **Nash Inflatable Boat 280**

Description Inflatable, Inflatable - Motor - Outboard

No. of Hulls 1

Design Category C

Length (m) Max. (L_{MAX}): 2.80 Hull (L_H): 2.80

Beam (m) Max. (B_{MAX}): 1.62 Hull (B_H): 1.62

Maximum Load (kg) M_{ML} 450

Load on Builder's Plate

Category	People	ISO 14945:2021 Mass (m_{MBP} kg)	ISO 14945:2004 Mass (m_L kg)
C	4	450	0

Max. mass of O/B motor

42 m_L includes O/B

Displacement (kg)

Load Condition		ISO 14945:2021 Mass (kg)	ISO 14945:2004 Mass (kg)
Empty Craft	m_{EC}	87	0
Light Craft	m_{LC}	87	0
Minimum Operating	m_{MO}	162	0
Loaded Arrival	m_{LA}	402	0
Maximum load	m_{LDC}	537	0

Location of Testing Weihai City, China

Date of Inspection 24-Jul-23

Assessment Standard(s) EN ISO 6185-2:2018 Inflatable boats - Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive

ISO 6185 Type of Inflatable V

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Assessment Results

Project Manager's Verdict I have completed an evaluation of the stability and buoyancy characteristics of the Nash Inflatable Boat 280 and find that it/they satisfy the referenced requirements.

Bas Edmonds

01 August 2023

Project Reviewer's Verdict The Nash Inflatable Boat 280 meets the relevant Essential Requirements of the RCR as shown above and Stability Report no. HPIUK-R1001-462-I-01-00 has been issued.

Alasdair Reay

01 August 2023

Document History

This is the first issue.

Terms and Conditions

This Report can be used for all examples of this model, provided that they are produced in conformity with the specification assessed by HPIVS. HPIVS must be informed of any changes to the product that could invalidate this Report.

Marking of the Product(s)

The manufacturer shall affix a UKCA mark to the end products only after they have satisfied themselves that the products have been produced in accordance with all the Essential Requirements of the Regulations.

This module A1 Stability Assessment Report permits the manufacturer to show the Approved Body identification (1521) number on the watercraft.