

# EU TYPE-EXAMINATION CERTIFICATE

## No. EUFI29-19000728-C

Boat model	<b>Rönnqvist Pro 545</b>												
Boat type	<b>Not fully enclosed motorboat</b> <b>Lh = 5,35 m</b>												
Conformity assessment module used	<b>B (EU type-examination)</b>												
Manufacturer / Orderer and address	<b>Ab Kenneth Rönnqvist Oy</b> <b>Söderfjärdsvägen 128</b> <b>65410 Sundom, Vasa</b> <b>Finland</b>												
Applied rules	Recreational Craft Directive 2013/53/EU, annex I.A, Essential requirements. The extent of the examination and the inspection methods are described on the back page.												
Base documents	EUFI29-19000728-I Construction pictures 3.9.2019 and Boat type basic data -form.												
Conclusions of the examination	The examined boat model complies with the Essential requirements in the Directive 2013/53/EU, annex I.A, with the following restrictions: <table><tr><td>Boat design category</td><td>C</td></tr><tr><td>Persons max.</td><td>8</td></tr><tr><td>Max. load</td><td>650 kg</td></tr><tr><td>Max. load on Builder's plate</td><td>600 kg</td></tr><tr><td>Engine power max. (outboard engine)</td><td>37 kW</td></tr><tr><td>Engine weight max.</td><td>162 kg</td></tr></table>	Boat design category	C	Persons max.	8	Max. load	650 kg	Max. load on Builder's plate	600 kg	Engine power max. (outboard engine)	37 kW	Engine weight max.	162 kg
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Engine weight max.	162 kg												
Remarks	The original certificate is written in Finnish.												

Espoo, 4.9.2019  
Eurofins Expert Services Oy  
Notified body no. 0537

Max Johansson  
Product Manager

Markus Laxén  
Boat Inspection Manager

Essential requirements:		Used examination methods 1)	Examined 2)
	<b>General requirements</b>		
	Principal data	EN ISO 8666:2018	X
A2.1	Watercraft identification	ISO 10087:2006	X
A2.2	Builder's plate	RCD annex I: A 2.2	X
A2.5	Owner's manual	EN ISO 10240:2004/A1:2015	X
	<b>Arrangement and equipment</b>		
A2.3	Protection from falling overboard	EN ISO 15085:2003/A2:2018	X
A3.7	Life raft stowage		-
A3.8	Escape		-
A3.9	Anchoring, mooring and towing	EN ISO 15084:2018	X
A5.7	Navigation lights, shapes and sound signals	1972 COLREG	X
A5.8	Discharge prevention		-
	<b>Installations</b>		
A5.1	Engines and engine compartments		-
A5.2	Fuel system	EN ISO 10088:2017, EN ISO 11105:2017	X
A5.3	Electrical system	EN ISO 10133:2017	X
A5.4	Steering system	EN ISO 8848:2017	X
A5.5	Gas system		-
A5.6	Fire protection	EN ISO 9094:2017	X
	<b>Structural requirements</b>		
A3.1	Structure	EN ISO 12215-5:2018, EN ISO 12215-6:2018	X
	<b>Hydrostatic</b>		
A3.2	Stability and freeboard	EN ISO 12217-3:2017	X
A3.3	Buoyancy and flotation	EN ISO 12217-3:2017	X
A3.6	Manufacturer's max. recommended load	EN ISO 14946:2001/AC 2005	X
A3.4	Openings in hull, deck and superstructure	EN ISO 9093-1:2018	X
A3.5	Flooding	EN ISO 15083:2018	X
	<b>Handling characteristics</b>		
A4	Handling characteristics	EN ISO 11592-1:2016	X
A2.4	Visibility from the main steering position	EN ISO 11591:2011	X
B1	Exhaust emissions from propulsion engines		-
C1	Noise emissions		-

1) The examinations are carried out by using examination methods and standards that are relevant for the product in question. Later changes due to new standard versions are handled as updates to this Type examination certificate.

2) X = Examined and approved, - = This part of examination is not relevant for the product in question, v = the examination is not included in the conformity assessment module used.

**The manufacturer that uses conformity assessment modules B+C, B+D, B+E or B+F shall inform the notified body that holds the technical documentation concerning the EU Type-examination certificate of all modifications to the approved product which must receive additional approval where such changes may affect the conformity with the essential requirements or the prescribed conditions for use of the product.**

**The manufacturer or his authorized representative shall keep the notified body that has approved the quality system informed of any intended updating of the quality system.**

**This document relates only to the EU Recreational Craft Directive. Different directives or legislation may apply to other components fitted onboard the watercraft. It is the responsibility of the person signing the declaration of conformity to ensure such components are compliant with all applicable legislation**