

TYPE EXAMINATION CERTIFICATE

This is to certify:

That the Thermal protective lifejackets

with type designation(s)

Regatta Thermo Cruise Adult/Child

Manufactured by

REGATTA AS

ÅLESUND, Norway

is found to comply with

IMO Res. MSC.48(66), IMO Res. MSC.81(70) and IMO MSC/Circ.922.

Application :

This certificate is issued under the authority of the Norwegian Maritime Authority.

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2020-08-17**.

Issued at **Høvik** on **2015-08-18**

DNV GL local station: **Ålesund**

Approval Engineer: **Piotr Orzechowski**

for **DNV GL**

Petter Langnes
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.

Job Id: **262.1-012834-2**
Certificate No: **TALB0000007**

Product description

Inherently buoyant lifejacket type "Regatta Thermo Cruise Adult/Child".

Approximate inherent buoyancy of adult prototype: 162 N

Approximate inherent buoyancy of child prototype: 98 N

	Type:	Manufacturer:
Fabric:	Collection 400 Red, Yellow, Black Collection 150 HD Orange Collection 150 PES HD alternative 1	Rivertex Technical Fabric Group
Webbings:	Col navy blue	Artefita LDA
Buoyancy Materials:	Espuma de polietileno EPOLI 5 mm Cellu-Cushion 3 mm Nopafoam 5 mm Jumbolen (PE-foam)	Epoli Sealed Air Svenska AB Tenneco Packaging Sentinel Epoli

The thermal protective lifejackets shall be equipped with position indicating light, retro-reflective materials, whistle and waist strap with buckle.

Lifejackets are manufactured at: PI-ER Technical Ltd.
Anna akna u. 18
7300 Komlo, Hungary

Application/Limitation

The adult lifejacket is approved for persons of 32 kg or more

The child lifejacket is approved for persons of 16 - 32 kg.

The product has been verified to be in compliance with the standard set out in the Norwegian Maritime Authority's resolution of 07 February 2012 based on Res. MSC.48(66), Ch. II, item 2.2; Res. MSC.81(70), item 2 and MSC/Circ.922.

The certificate does not in itself replace any certificate or permission of use by any authority.

A certificate showing permission of use under the Norwegian Maritime Authority's resolution of 7 February 2012 must be obtained directly from the Norwegian Maritime Authority.

Production testing shall be carried out according to IMO Res. MSC. 81(70), part 2.

Type Examination documentation

Job Id: **262.1-012834-2**
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Product name as tested: Regatta Thermo Cruise Master lifejacket and Thermo Cruise Master Child lifejacket.

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70) part 1 and IMO MSC/Circ.922.

Based on NMA requirements, donning test as per Item 3.2.1.1 of MSC/Circ.922 has been carried out after the TP-lifejacket has been kept in refrigerated chamber at a temperature of -30°C for 8 hours.

Marking of product

The product is to be indelibly marked with name of manufacturer, type designation, appropriate weight range and date of manufacture. The marking shall be according to the LSA Code, item 1.2.2.9. In addition the child lifejacket shall be marked with a child symbol in accordance with item 2.2.1.6 of the LSA Code (IMO Res. MSC.48(66)).

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Standard for certification No. 1.2 Type Approval Item 4.