



Lloyd's
Register

CERTIFICATE OF TYPE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore Lifejackets (Part 4)

Manufacturer	Mustang Survival ULC
Address	75252 Lowland Drive Burnaby, BC, V5J 5L1 Canada
Product Type	LIFEJACKETS
Product Description	Inherently buoyant Child Lifejacket - Type: "MV8035"
Specified Standards	IMO Resolution MSC.81 (70) Part 1, as amended by IMO Resolution MSC.200 (80), MSC.207 (81), MSC.226 (82) and MSC.323 (89).

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 26 March 2018 Expiry date 25 March 2023

Certificate No. SAS S180017 Signed 

Sheet No 1 of 3 Name L. Thomas
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



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DESIGN APPRAISAL DOCUMENT

Date 6 April 2018	Quote this reference on all future communications SOUTSO/SFS/TA/LT/WP31729781
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S180017

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

This certificate is a renewal of SAS S130012/M1.

EXAMINED DOCUMENTATION

<u>Drawing No</u>	<u>Rev</u>	<u>Date</u>	<u>Title</u>
2011034-T	2	05.06.2013	MV8035-General Assembly
2011034-T	01	07.03.2013	MV8035-Foam General Assembly
2011034-T	5	25.10.2017	MV8035-Marking & Packing

TEST REPORTS

<u>Report No.</u>	<u>Date</u>	<u>Title</u>
112-32161.b	20.12.2012	Force Test Report for Child Lifejacket Type: "MV8035"
111-31687	20.02.2013	Force Certification Letter
MQ715	29.05.2012	UL Test Report for Buoyancy Foam
113-23681.b	13.03.2013	Force Report for Elongation Test
112-32161.b rev. 2	14.08.2013	Force Certification alternative material

CONDITIONS OF CERTIFICATION

- Instructions for use shall be provided with each lifejacket. As prescribed by SOLAS Regulation III/35 one or more additional copies shall be provided for inclusion in the vessel's Training Manual
- The lifejacket is approved only for use by children with a minimum weight of 15 Kg but less than 43 Kg and a minimum height of 100 cm but less than 155 cm
- Each lifejacket shall also be clear marked with the information required by LSA Code as amended by Regulation I/1.2.2.9 and II/2.2.1.10
- As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturer's instructions
- An approved lifejacket light meeting the requirements of the LSA Code as amended by Regulation II/2.2.3 is to be fitted when supplied to SOLAS vessels. The light is to be tested and meet the requirements of IMO Resolution MSC.81 (70), Part 1, 10.3 and 10.4 and is attachment have to be to the satisfaction of the attending Surveyors
- Each lifejacket shall be fitted with a whistle firmly secured by a lanyard as per LSA Code as amended by Regulation II/2.2.1.14
- Each lifejacket shall be provided with a releasable buoyant line or other means to secure it to a lifejacket worn by another person in the water as per LSA Code as amended by Regulation II/2.2.1.16
- A lifejacket shall be provided with a suitable means to allow a rescuer to lift the wearer from the water into a survival craft or rescue boat as per LSA Code as amended by Regulation II/2.2.1.17



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9. The storage of this equipment is not part of this Design Appraisal or Certificate. All such arrangement are to be to the satisfaction of the Surveyors attending on board
10. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply
11. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5
12. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 and each item, batch, or lot be delivered with an LR Certificate of SOLAS Production Testing issued by the attending LR Surveyors following their witness of the tests. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration
13. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained

PLACE OF PRODUCTION

Sheico (Phnom Penh) Co., Ltd.
National Road No. 3
Sangkat Pong Teok
Khan Dongkor, Phnom Penh
Cambodia



Lijo Thomas
Senior Specialist
Statutory Fire & Safety
Southampton Technical Support Office, Marine & Offshore
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).