

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that :

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC and 2009/26/EC subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	The Coleman Company, Inc.
Address	3600 N Hydraulic Wichita KS 67226 United States of America (USA)
Annex A1 Item	A.1/1.4 - LIFEJACKETS
Product Type	LIFEJACKETS
Product Description	Inherently Buoyant Adult Lifejacket - Type: " I160 "
Specified Standard	IMO Resolution MSC.81(70) Part 1 as amended by resolution MSC 200(80) and MSC 226(82).

The attached Design Appraisal Document (schedule) forms part of this certificate.
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue 11 January 2011 Expiry date 10 January 2016

Certificate No. MED 1150008

Signed



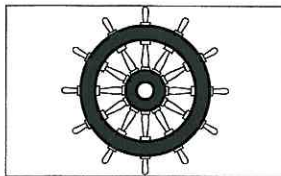

Sheet No 1 of 4

Name

L. Thomas
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038

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 the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.
yy Last two digits of year mark affixed.

This certificate is issued under the authority of the MCA.

"Lloyd's Register Verification is the business name of Lloyd's Register Verification Limited, a member of the Lloyd's Register Group.
Registration number 4929226.
Registered office 71 Fenchurch Street, London EC3M 4BS, England

"Lloyd's Register, 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 Group'. The Lloyd's Register Group 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 Group 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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Document number MED 1150008
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 11 January 2011	Quote this reference on all future communications LDSO/TA/SFS/LT
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1150008

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

EXAMINED DOCUMENTATION

UL Report on Life Preservers and Lifejackets, File MQ429 Project 10RT02093 dated July 15, 2010.

TEST REPORTS

<u>Report Title or Author</u>	<u>Report No.</u>	<u>Date</u>
Test Record 1	File MQ429	15.07.2010
SOLAS in water performance	Project No: 10RT02093, File MQ429	02.07.2010
		29.06.2010
Buoyancy test, strength test, fire test	Project No: 10RT02093, File MQ429	20.04.2010
		01-07-2010
Dimensional spot check	Project No: 10RT02093, File MQ429	03.06.2010
		01.07.2010
Temperature cycling, Oil resistance, compression and water absorption test	Project No: 10RT02093, File MQ429	29.04.2010
		27.04.2010
Strength test- body strap and shoulder lift	Project No: 10RT02093, File MQ429	27.05.2010
Strength test - buddy line	Project No: 10RT02093, File MQ429	07.06.2010
UL test report	Project No: 10RT03391, File MQ429	21.12..2010

CONDITIONS OF CERTIFICATION

Materials	Buoyancy Foam	SP-1 ½ Inch manufactured by Stearns China Foam Factory
	Cover Fabric	RH 400 manufactured by Red House Co Ltd
	Front Buckle	ITW NEXUS SS-40*

1. The lifejacket is approved only for use by adults of a weight 43 kg or above, each lifejacket is to be marked accordingly.
2. The minimum total buoyancy of this lifejacket design is 162 N.

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3. Each lifejacket shall also be marked with the information required by LSA Code, Regulation I/1.2.2.9.
4. When required, an approved lifejacket light meeting the requirements of the LSA Code Regulation II/2.2.3 together with a whistle meeting the requirements of LSA Code regulations II/2.2.1.14 are to be fitted. The light is to be tested and meet the requirements of IMO Resolution MSC.81(70), Part I, 10.3 and 10.4, and its attachment to the Lifejacket confirmed.
5. 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.
6. Production items are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or Product Verification (Module F) of the Marine Equipment Directive.
7. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81(70), Part 2 and be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or witnessed by the Notified Body (LRV) as required by the Product Verification (Module F) of the Marine Equipment Directive. 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.
8. Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".

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9. 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.

PLACES OF PRODUCTION

The Coleman Company, Inc.
1100 Stearns Dr
Sauk Rapids
MN 56379
United States of America (USA)

The Coleman Company, Inc.
Lun Tou Yue Jue Chang
Hai Zhu Qu Lun Tou Chuen
Lun Tou Che Zhan Xi, Yi Hang Jiu Hao
Guangchou Shi
Guangzhou
Guangdong
China

L. Thomas



L. Thomas
Senior Surveyor
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038