



Transport
Canada
Safety and Security

Page 1 of 3
Certificate No: LR2441907SSTC
Issue Date: 12/04/2024
Expiry Date: 11/04/2029

Certificate Of Type Approval Issued On Behalf Of Transport of Canada

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 installations when authorised by Transport Canada to issue the relevant certificates, licences, permits etc.

| | |
|---------------------------|--|
| Manufacturer | Wescom Signal & Rescue Germany GmbH |
| Address | Vieländer Weg 147, 27574 Bremerhaven, Germany |
| Type | Survival Craft Equipment |
| Description | Emergency Drinking Water for liferafts and lifeboats |
| Trade Name | Comet Emergency Drinking Water & Pains Wessex Emergency Drinking Water |
| Specified Standard | ISO 18813:2022 |

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form 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.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lijo Thomas

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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 '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.



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441907SSTC

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.

APPROVAL DOCUMENTATION

Comet & Pains Wessex Emergency Drinking Water & Emergency Rations Product and Packaging description document no 69335, dated 04/04/2024.

Technical Data sheet, Comet Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

Technical Data sheet, Pains Wessex Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

TEST REPORTS

| <u>Report No.</u> | <u>Report Title or Test Description.</u> | <u>Date.</u> |
|----------------------------------|---|---------------------|
| 123-29393 | FORCE Certification A/S, Validation of test reports; 23112345-1 & WesCom-2023-T-F&W-0001. | 24/01/2024 |
| 23112345-1 | IBEN GmbH, Emergency Drinking Water microbiological & chemical analysis Test Report. | 05/12/2023 |
| WESCOM-2023-T-F&W-01, Issue 0001 | Wescom Group, Drop test, Low and High Temperature storage, Leakage, Immersion & tumble test of water sachets as per ISO 18813:2022. | 04/12/2023 |
| - | Gualapack spa, Vapor Barrier properties of laminates with Al 8.5µ statement and supporting documents. | 01/09/2023 |

CONDITIONS OF CERTIFICATION

1. Each outer and inner package shall be clearly marked with the manufacturer's name or trademark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s).
2. The emergency water ration are to be marked with a packing date and an expiry date. The expiry date shall be of no later than five years after the packing date.
3. During periodic shipboard inspections, all water ration packages past their expiry date shall be replaced. Water in flexible pouches should be checked by squeezing the pouch. Any leaking water or air is cause for rejecting the water ration unit.
4. 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.
5. Processing and packaging arrangements shall be carried out under hygienic conditions, and a quality control system shall be maintained to ensure compliance with SOLAS Regulation III/5.



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441907SSTC

6. Production items are to be manufactured in accordance with a quality control procedure and records kept as required. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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.
7. All instructions or markings that accompany life-saving appliances or are printed directly on the appliances must be in both English and French, as per Canadian procedures for approval of life-saving appliances and fire safety systems, equipment and products document no. TP 14612E (05/2011) paragraph 2.2.1.3. However independent signage can be accepted in lieu of the instructions or marking required in paragraph 2.2.1.3 if it is in both English and French, highly visible (size, colour, posting location), water and weather proof and posted at each muster station and where the appliance is stored.
8. 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

Wescom Signal & Rescue Germany GmbH
Vieländer Weg 147
27574 Bremerhaven
Germany

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I 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)



This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1874 (M+F) Annex 2 as amended to date.

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Certificate No: LR2441908MC
Issue Date: 12/04/2024
Expiry Date: 11/04/2029

Certificate Of Type Approval (MCA)

This is to certify that LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Marine Equipment) Regulations 2016 (SI2016 No. 1025), did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements subject to any conditions in the Design Appraisal Document hereto.

| | |
|---------------------------|--|
| Manufacturer | Wescom Signal & Rescue Germany GmbH |
| Address | Vieländer Weg 147, 27574 Bremerhaven, Germany |
| Type | Survival Craft Equipment |
| Description | Emergency Drinking Water for liferafts and lifeboats |
| Trade Name | Comet Emergency Drinking Water & Pains Wessex Emergency Drinking Water |
| Specified Standard | ISO 18813:2022 |

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid up to the expiry date, unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive, whichever is sooner, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lijo Thomas

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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 '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.

**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441908MC**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System 2019 and this Design Appraisal Document forms part of the Certificate.

The undernoted documents have been appraised for compliance with the relevant International Conventions and UK legislation for the Type Approval of Marine Equipment for use on Merchant Ships Registered in the United Kingdom.

This Design Appraisal Document forms part of the Certificate that is issued under the authority given in the MCA Merchant Shipping Notice No MSN 1874.

APPROVAL DOCUMENTATION

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| 23112345-1 | IBEN GmbH, Emergency Drinking Water Microbiological & chemical analysis Test Report. | 05/12/2023 |
| WESCOM-2023-T-F&W-01, Issue 0001 | Wescom Group, Drop test, Low and High Temperature storage, Leakage, Immersion & tumble test of water sachets as per ISO 18813:2022. | 04/12/2023 |
| - | Gualapack spa, Vapor Barrier properties of laminates with Al 8.5µ statement and supporting documents. | 01/09/2023 |

CONDITIONS OF CERTIFICATION

1. Each outer and inner package shall be clearly marked with the manufacturer's name or trademark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s).
2. The emergency water ration are to be marked with a packing date and an expiry date. The expiry date shall be of no later than five years after the packing date.
3. During periodic shipboard inspections, all water ration packages past their expiry date shall be replaced. Water in flexible pouches should be checked by squeezing the pouch. Any leaking water or air is cause for rejecting the water ration unit.



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441908MC

4. 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.
5. Processing and packaging arrangements shall be carried out under hygienic conditions, and a quality control system shall be maintained to ensure compliance with SOLAS Regulation III/5.
6. Production items are to be manufactured in accordance with a quality control procedure and records kept as required. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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.
7. 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

Wescom Signal & Rescue Germany GmbH
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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 installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

| | |
|---------------------------|--|
| Manufacturer | Wescom Signal & Rescue Germany GmbH |
| Address | Vieländer Weg 147, 27574 Bremerhaven, Germany |
| Type | Survival Craft Equipment |
| Description | Emergency Drinking Water for liferafts and lifeboats |
| Trade Name | Comet Emergency Drinking Water & Pains Wessex Emergency Drinking Water |
| Specified Standard | ISO 18813:2022 |

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Lijo Thomas

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441906SS

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.

APPROVAL DOCUMENTATION

Comet & Pains Wessex Emergency Drinking Water & Emergency Rations Product and Packaging description document no 69335, dated 04/04/2024.

Technical Data sheet, Comet Emergency Drinking Water & Emergency Rations Issue 1, dated 07/2023.

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TEST REPORTS

| <u>Report No.</u> | <u>Report Title or Test Description.</u> | <u>Date.</u> |
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| 123-29393 | FORCE Certification A/S, Validation of test reports; 23112345-1 & WesCom-2023-T-F&W-0001 | 24/01/2024 |
| 23112345-1 | IBEN GmbH, Emergency Drinking Water Microbiological & chemical analysis Test Report. | 05/12/2023 |
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| - | Gualapack spa, Vapor Barrier properties of laminates with Al 8.5µ statement and supporting documents. | 01/09/2023 |

CONDITIONS OF CERTIFICATION

1. Each outer and inner package shall be clearly marked with the manufacturer's name or trademark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s).
2. The emergency water ration are to be marked with a packing date and an expiry date. The expiry date shall be of no later than five years after the packing date.
3. During periodic shipboard inspections, all water ration packages past their expiry date shall be replaced. Water in flexible pouches should be checked by squeezing the pouch. Any leaking water or air is cause for rejecting the water ration unit.
4. 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.
5. Processing and packaging arrangements shall be carried out under hygienic conditions, and a quality control system shall be maintained to ensure compliance with SOLAS Regulation III/5.



ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2441906SS

6. Production items are to be manufactured in accordance with a quality control procedure and records kept as required. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. 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.
7. 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.

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Supplementary Type Approval Terms and Conditions

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