

## CERTIFICATE OF CONFORMITY – FOAM CONCENTRATES

Certificate of conformity reference number: **KB 134/15**

Test specification: **EN 1568-1, -2, -3 and -4 : 2008**

Test report no.: **20150435/Fm 17**

Requested by: **Dafo Fomtec AB, Vindkraftsvägen 8, SE-135 26 Tyresö, Sweden**

Manufacturer: **Dafo Fomtec AB, Vindkraftsvägen 8, SE-135 26 Tyresö, Sweden**

Product name: **Fomtec® LS aMax**

Grade of foam concentrate: **Synthetic, alcohol resistant foam concentrate (S-AR) according to annex A of EN 1568**

Test fire performance: **Extinguishing performance and burn-back resistance:**  
**Medium expansion foam according to EN 1568-1 with potable water / with simul. sea water:**  
**The requirements for medium expansion foam are met.**  
**High expansion foam according to EN 1568-2 with potable water / with simulated sea water:**  
**The requirements for high expansion foam are met.**  
**Low expansion foam according to EN 1568-3**  
with potable and with simulated sea water: **IA / IB**  
**Low expansion foam according to EN 1568-4 (alcohol resistant foam concentrate)**  
with potable water / with simulated sea water: **IB / IA (acetone)**  
with potable water / with simulated sea water: **IA / IA (isopropanol)**

Freezing point: **- 6 °C**

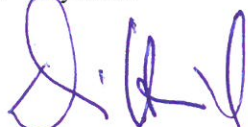
Conformity to the above mentioned test specification is attested. All applicable requirements have been met.

This certificate of conformity is valid solely for foam concentrates which correspond to the submitted test samples and to the confirmed documents.

Certificates of conformity of fire extinguishers are solely valid in conjunction with the foam concentrate the type test of the fire extinguisher has been done with.

This certificate of conformity does not include surveillance.

14<sup>th</sup> July 2015



Grad. Eng. Jürgen Dittrich  
Laboratory Manager



## Test Report

### No. 20150435/Fm 17

**Applicant:** Dafo Fomtec AB  
Vindkraftsvägen 8  
P. O. Box 683  
SE-135 26 Tyresö, Sweden

**Manufacturer:** Dafo Fomtec AB  
Vindkraftsvägen 8  
P. O. Box 683  
SE-135 26 Tyresö, Sweden

**Application date:** February 27, 2015

**Application:** Test of a foam concentrate for conformity  
with EN 1568-1, -2, 3 and -4 : 2008

**Name of the fire  
extinguishing medium:** Fomtec® LS aMax

**Foam concentrate grade  
according to Annex A of  
EN 1568:** Synthetic, alcohol resistant (multi-purpose) foam concentrate  
(S-AR)

**Receipt of sample:** February 20, 2015

**Test laboratory:** MPA Dresden GmbH  
Official test laboratory for fire extinguishing media and fire  
extinguishers  
Fuchsmühlenweg 6F, 09599 Freiberg, Germany



This report comprises 23 pages, inclusive 2 annexes.

**General information:**

Only equipment and materials detailed in this report have been subjected to the tests. Test results apply to the tested samples only.

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Publications of test reports and information on tests for publicity purposes require the written consent of the laboratory in every single case.

Every page of this report is stamped with the seal of the laboratory.

**Summary:**

The synthetic, alcohol resistant (multi-purpose) foam concentrate **Fomtec LS aMax** has been tested in accordance with the standards EN 1568

- part 1 (medium expansion foam for application to water immiscible liquids),
- part 2 (high expansion foam for application to water immiscible liquids),
- part 3 (low expansion foam for application to water immiscible liquids) and
- part 4 (low expansion foam for application to water miscible liquids).

The tested foam concentrate with the name **Fomtec LS aMax** meets the requirements of the standards EN 1568-1, EN 1568-2 EN 1568-3 and EN 1568-4 issue 2008.

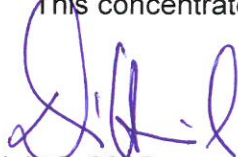
*Extinguishing performance class and burnback resistance level:*

| EN 1568 part    | Usage concentration | by use of  |                       |
|-----------------|---------------------|--|-----------------------|
|                 |                     | potable water  | simulated sea water a |
| 1               | 3 %                 | <b>The requirements for medium expansion foam are met.</b> |                       |
| 2               | 3 %                 | <b>The requirements for high expansion foam are met.</b>   |                       |
| 3               | 3 %                 | <b>I A</b>   | <b>I B</b>            |
| 4 (acetone)     | 3 %                 | <b>I B</b>   | <b>I A</b>            |
| 4 (isopropanol) | 3 %                 | <b>I A</b>   | <b>I A</b>            |

**Information:**

1. Pseudo-plastic foam concentrate.

This concentrate can require special proportioning equipment.

  
July 3, 2015



Grad. Eng. Dittrich  
Laboratory Manager