

January __, 2021

Request for accuracy check test or calibration of 15ppm Bilge Alarm FOCAS-1500C, FOCAS-1500E

Dear our valued customers,

On behalf of our company, we would like to thank you for your continued patronage. As we informed on our HP, we will discontinue the production and sale of FOCAS-1500C, FOCAS-1500E. About accuracy check test or calibration of these products, please see explanation below. We ask for your consideration and understanding.

Sincerely yours,

Report

About accuracy check test or calibration of FOCAS-1500C, FOCAS-1500E (comply with conventional standard MEPC.60(33))

- We will undertake your order for accuracy check test or calibration as long as we can confirm the accuracy by replacing consumable parts.*
- At accuracy check test or calibration, we might find breakdown of following parts, control PCB, power PCB, and detecting unit. If so, please understand that there are no parts replacement and repairing. About alternative for breakdown, we recommend replacing for FOCAS-2000 which complies with current standard MPEC.107(49). (Selection of FOCAS-1800 is mandatory if you need type approval certificate of ZC(China)).

*Consumable parts: detecting glass, O-ring, filter, ~~pressure switch, and solenoid valve~~

[Note]

1. In the case of FOCAS-1500 failure (main cases of defects)

- 1) Abnormal alarm is issued during measurement
- 2) Cannot power on (The fuse is normal)
- 3) The fuse blows
- 4) There is no ultrasonic emulsification sound every 17 seconds
- 5) The oil display remains 0 during measurement and does not move
The display fluctuates or does not appear
- 6) Phenomenon that seems to be other defects

If any of these occurred, we recommend that you replace it with FOCAS-2000 (1800) in advance.

2. If a failure is confirmed during the accuracy check test on board, the work such as replacement of FOCAS-2000 (1800) cannot be performed due to problems such as changes in plumbing wiring, changes in certificates, scope of work control, and costs.
3. Regarding the work involved in the replacement of FOCAS-2000 (1800), there are problems due to plumbing wiring work and ship class approval, so please arrange by yourself. If a failure was discovered when accuracy check test or calibration and then replacement was considered, the response would be delayed. Assuming that accuracy check test or calibration of FOCAS-1500 cannot be proceed, please consider replacing it with FOCAS-2000 (1800) in advance. In some cases, it may be necessary to replace oily water separator, bilge alarm, and three-way valve as a set, so please check with oily water separator maker. Since 15ppm Bilge Alarm is an important device to be inspected by PSC, if FOCAS-1500 is defective, take immediate action is required. We ask to our customers to prepare and consider in advance, so that smooth replacement is possible.
4. When we do accuracy check test or calibration, it may not be possible to recover normally due to inaccuracies or breakdowns. Therefore, in the future, when we get order, we will send you this document and after understanding the contents, please sign Consent Form. And then, we will start working on your order.

[Difference of performance]

FOCAS-2000 and FOCAS-1800, which comply with current standard MEPC.107(49), have an improved detection performance toward emulsified treatment water. Therefore, the alarm may be frequently activated to the treatment water, which could not be detected with FOCAS-1500C. By preventing the mixture of surface-active agent as conventionally, there is little effect of bilge's emulsion. We speculate that incapability of bilge's discharge would be ultimately minimized.

If you have any questions, please contact our sales department.

Please check with oily water separator maker about successor of FOCAS-1500C, FOCAS-1500E.

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