

MARINE DIVISION
17 Bis Place des Reflets - La Défense 2
92400 Courbevoie - France
Tel. 33 1 42 91 52 04
Fax 33 1 42 91 28 94



Certificate N°:
03480/C0 BV
The attached Schedule forms part of the certificate
File Number : AP 1747
Product Code : 3812H

CERTIFICATE OF TYPE APPROVAL

This is to certify that the product identified below was found to be in compliance with the relevant hereunder stated Regulations & standards

TEMPERATURE SENSORS / PROBES / TRANSDUCERS TWO STAGE THERMOSTAT ALTEROSTAT - Type 114-26

MANUFACTURED BY:

TRAFAG AG
Mönnedorf ZH - SWITZERLAND

SPECIFIED REGULATIONS & STANDARDS :
BV Rules and Regulations for the Classification of Ships.

The Approval is valid until : 23/07/2004

BUREAU VERITAS ZURICH



At Paris la Défense, on : 23/07/99

L. P. Suijth

J. Benoit

J. BENOIT
For the Secretary

This Certificate remains valid until the date stated on, hereunder, unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory into service.

This Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested.

This Certificate is not valid without the stamp of the above mentioned by BUREAU VERITAS Inspection Center.

The manufacturer should notify BUREAU VERITAS of any modification or changes to the equipment in order to obtain a valid Certificate.

The latest published Regulations or Standards referred to, above, and the Marine Division General Conditions are applicable.



**BUREAU
VERITAS**
MARINE DIVISION

File Number : AP 1747

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

"TWO STAGE THERMOSTAT ALTEROSTAT - Type 114-26 "

2. DESIGN DRAWINGS and/or SPECIFICATIONS

According to document filed in AP 1747.

3. TYPE TEST REPORTS / LABORATORY RECOGNITION STATUS

According to Standart Katalog dated 89, and control report of environmental tests results dated 16.05.90.

4. MATERIALS and/or COMPONENTS REQUIRED TO BE TYPE APPROVED

Nil.

5. OTHER MATERIALS and/or COMPONENTS

Nil.

6. APPLICATION / LIMITATION OF USE

6.1 - BV Rules and Regulations for the Classification of Ships.

6.2 - Approval valid for ships intended to be granted with the following additional class notations: AUT-MS, AUT, AUT-CC, PORT.

7. PRODUCTION SURVEY REQUIREMENTS

Arrangement should be made for a Society's Surveyor to inspect equipment of the type referred to in this certificate which is intended for use on BUREAU VERITAS registered ships at the Manufacturer's works.

8. ON BOARD INSTALLATION & MAINTENANCE REQUIREMENTS

The fitting aboard to be the same as used for the test.

9. MARKING FOR IDENTIFICATION

- Maker's name or trade mark
- Serial number of the units
- Equipment type N° or model identification under which it was type tested.

10. OTHERS

10.1 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the units at any time and that TRAFAG AG - Switzerland, will accept full responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of use and general maintenance of the units and the conditions of this approval.

10.2 - This certificate cancels and replaces the previous one issued by the Society on 12/04/1995, under ref. N° 3812/3480/B0/0/H BV.

BUREAU VERITAS SUITZ

Last page (End of Document)

h.p.

