

**MARINE DIVISION**  
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Certificate N°:  
4411I/3007/E0/PRSO BV  
The attached Schedule forms part of the certificate

File Number : AP 1035



## 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*

### BURNING MANAGEMENT SYSTEMS

Air Damper Motor SMQ 10.

MANUFACTURED BY:

**LANDIS & STAEFA Produktion (Deutschland) GmbH**  
Rastatt - GERMANY

SPECIFIED REGULATIONS & STANDARDS :

BV Rules and Regulations for the Classification of Ships.

**The Approval is valid until : 05.05.2004**

BUREAU VERITAS HAMBURG

At Paris la Défense, on : 05.05.2000



**J. BENOIT**  
For the Secretary

The approval implies that the item undergoes, prior to fitting on board, the inspections and routine tests required by the specified Regulations or Standards and is installed according to the Manufacturer's Instructions, the requirements of the hereabove specified Regulations or Standards and to the satisfaction of the Society Surveyors.  
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.



## THE SCHEDULE OF APPROVAL

### **1. PRODUCT DESCRIPTION :**

**Air Damper Motor SQM 10...** Series 02 for Burner Boiler FAN.

Protection: IP 54.

### **2. DESIGN DRAWINGS and/or SPECIFICATIONS**

According to pamphlet 7812 E dated December 1992.

According to documents and drawings filed in AP 1035.

### **3. TYPE TEST REPORTS / LABORATORY RECOGNITION STATUS**

According to documents filed in AP 1035.

### **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**

7.1 - Arrangements shall be made for a Society's Surveyor to carry out, on a periodic basis, visits of the Manufacturer's premises and product audits.

7.2 - Each equipment is to be supplied with manual (s) for installation, use and maintenance.

### **8. ON BOARD INSTALLATION & MAINTENANCE REQUIREMENTS**

As per requirements of regulations stated on the front page of the certificate.

### **9. MARKING FOR IDENTIFICATION**

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

## **10. OTHERS**

This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the system at any time, and that **LANDIS & STAЕFA Produktion (Deutschland) GmbH, Rastatt - GERMANY**, 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 06/06/1994, under ref. N° 4411/3007/D0/0/I BV.

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BUREAU VERITAS HAMBURG