

MARINE DIVISION
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Certificate N°:

04548/C0 BV

The attached Schedule forms part of the certificate

File Number : ACE 12/760/01

Product Code : 2883H



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

ELECTRIC SPACE HEATING EQUIPMENT T2 RIB

MANUFACTURED BY:

TELCO FABRIKKER A/S
Selbu - NORWAY

SPECIFIED REGULATIONS & STANDARDS :

BV Rules and Regulations for the Classification of Ships.

The Approval is valid until : 20/03/2006

BUREAU VERITAS OSLO



At Paris la Défense, on : 20/03/2001

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 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 :

ELECTRIC HEATERS FOR FIXED INSTALLATION

TYPE	RATED POWER
T2 RIB 150304-2/3	400 W
T2 RIB 150608-2/3	800 W
T2 RIB 150912-2/3	1200 W
T2 RIB 151116-2/3	1600 W
Rated voltages:	220V / 380V AC
Degree of protection:	IP 44

2. DESIGN DRAWINGS and/or SPECIFICATIONS

According to documents filed in ACE 12/760/01.

3. TYPE TEST REPORTS / LABORATORY RECOGNITION STATUS

According to documents filed in ACE 12/760/01.

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

Nil.

5. OTHER MATERIALS and/or COMPONENTS

Nil.

6. APPLICATION / LIMITATION OF USE

- BV Rules and Regulations for the Classification of Ships.
- The minimum mounting distances stated by the manufacturer have to be observed.
- It is indispensable to install the diagonal protective grids supplied with each heater.

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 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 **TELCO FABRIKKER A/S, Selbu - Norway**, 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 supersedes Type Approval Certificate N° 2883/4548/B1/0/H BV issued on 17/05/1996 by the Society.

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BUREAU VERITAS OSLO

