

MARINE DIVISION

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Certificate number: 09766/B2 BV

File number : ACE 15/280/05

Product code : 2661H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

TYPE APPROVAL CERTIFICATE

as per Bureau Veritas Classification Rules

This certificate is issued to

SAREL
Sarre-Union - FRANCE

for the type of product

ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE)

Type: 549..

Regulations and standards :

BV Rules for the Classification of Steel Ships.

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements of the Regulations and standards mentioned above.

This certificate is valid until : 04 Feb 2010

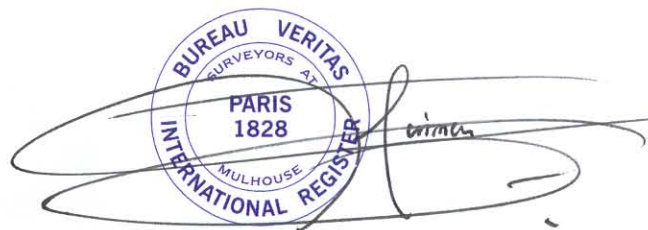
At Paris la Défense, on : 20 Feb 2008

For BUREAU VERITAS,
By order of the Secretary

Approval office

Local office : BV MULHOUSE
Surveyor : A. Kinnen

L.COURREGELONGUE



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine Division. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Industrial steel cubicle for electrical equipment.

IP 66 (IEC-60529)

Type: **549... Series** (different sizes with one door or without glass door).

IP 55 (IEC 60529)

Type: **549... Series** (different sizes with double door)

2. DOCUMENTS AND DRAWINGS :

According to Manufacturer's catalogue 99801 Edition 2001 and specifications filed in ACE 15/280/05.

3. TEST REPORTS :

Test reports N°s: 30198, 30098 dated 24/11/98.

4. APPLICATION / LIMITATION :

4.1 - According to BV Rules for the Classification of Steel Ships.

4.2 - The equipment, once installed on board ship, is to be tested in accordance with the above referred Regulations under the supervision of a Society's Surveyor.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The Industrial steel cubicle for electrical equipment type: 549... series are to be manufactured, examined and tested by **SAREL** in accordance with the type described in this certificate and Bureau Veritas Rules for the Classification of Steel Ships.

5.2 - Production sites are to be recognized by Bureau Veritas as per NR320 for HBV products. To this end **SAREL** has to make the necessary arrangements for a Society's Surveyor to perform visits and product audits at the production sites.

5.3 - **SAREL** has declared to Bureau Veritas that the type of product described in this certificate are manufactured at the following production site:

HISPANO MECANO ELECTRICA S.A.
Call 64,
08786 CAPELLADES (BARCELONA)
SPAIN

6. MARKING OF PRODUCT :

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

7. OTHERS :

7.1 - 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 **HISPANO MECANO ELECTRICA S.A., Capellades (Barcelona) - Spain & SAREL, Sarre-Union - France** 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.

7.2 - This certificate supersedes the Type Approval Certificate N° 09766/B1 BV issued on 21/11/2006 by the Society.

*** END OF CERTIFICATE ***

LISTE DES REFERENCES CONCERNEES PAR LE PRESENT CERTIFICAT
LIST OF REFERENCES CONCERNED BY THIS CERTIFICATE

REFERENCE	DESIGNATION
54902	Spacial inox 300x300x150
54915	Spacial inox 300x200x150
54917	Spacial inox 400x300x150
54918	Spacial inox 400x300x200
54919	Spacial inox 400x400x200
54923	Spacial inox 500x400x200
54926	Spacial inox 600x400x200
54927	Cof.Inox 304 Spacial 4x6x2
54929	Spacial inox 600x600x250
54935	Spacial inox 700x500x250
54946	Spacial inox 800x800x300
54956	Spacial inox 800x600x250
54961	Spacial inox 1000x800x300
54963	Cof.Inox 304 Spacial 10x10x3
54964	Spacial inox 1200x800x300
54965	Cof.Inox 304 Spacial 12x10x3
54975	Cof. Inox 304 Pte VA 4X3X2
54976	Cof. Inox 304 Pte VA 5X4X2
54977	Cof. Inox 304 Pte VA 6X4X2
54978	Cof. Inox 304 Pte VA 7X5X2.5
54979	Cof. Inox 304 Pte VA 8X6X2.5
54980	Cof. Inox 304 Pte VA 10X8X3