

MARINE DIVISION

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Certificate number: 11947/B0 BV

File number : ACE 15/280/07

Product code : 2751H

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 (MEDIUM/HIGH VOLTAGE)

Floor Standing Industrial Enclosures, type: Spacial 18500.

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 : 13 Sep 2010

At Paris la Défense, on : 13 Sep 2005

For BUREAU VERITAS,
By order of the Secretary



J. BENOIT

Approval office



Local office : BV MADRID
Surveyor : J. Garcia-de-Duenas



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:

FLOOR STANDING INDUSTRIAL ENCLOSURES

Type: **Spacial 18500**

- Different sizes
- One door
- *IP 55(EN 60529)*.

2. DOCUMENTS AND DRAWINGS:

According to Manufacturer's specifications filed in ACE 15/280/07.

3. TEST REPORTS :

3.1 - Test reports N°: 13000.I issued by HIMEL on 02/03/00.

3.2 - The tests were witnessed by a Society's Surveyor.

4. APPLICATION / LIMITATION:

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

On board installation & Maintenance requirements:

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

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

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 **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 is the distributor of Type Approval Certificate n° 10113/B0 BV issued for **HISPANO MECANO ELECTRICA S.A. - Capellades (Barcelona) - Spain** on 12/09/2005 by the Society.

7.3 - This certificate supersedes the Type Approval Certificate n° 11947/A1 BV issued on 04/09/2002 by the Society.

*** END OF CERTIFICATE ***

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

REFERENCE	DESIGNATION
18501	Armoire 1000x1000x300
18502	Armoire 1200x800x300
18503	Armoire 1200x1000x300
18505	Armoire 1400x600x300
18506	Armoire 1400x800x300
18509	Armoire 1600x600x300
18510	Armoire 1600x800x300
18511	Armoire 1600x1000x300
18512	Armoire 1600x1200x300
18513	Armoire 1800x600x300
18514	Armoire 1800x800x300
18518	Armoire 2000x600x300
18519	Armoire 2000x800x300
18520	Armoire 1800x600x500
18521	Armoire 1800x600x600
18522	Armoire 2000x600x500
18523	Armoire 2000x600x600
18534	Armoire 1200x1200x400
18535	Armoire 1400x600x400
18536	Armoire 1400x800x400
18537	Armoire 1400x1000x400
18538	Armoire 1400x1200x400
18539	Armoire 1600x600x400
18540	Armoire 1600x800x400
18541	Armoire 1600x1000x400
18542	Armoire 1600x1200x400
18543	Armoire 1800x600x400
18544	Armoire 1800x800x400
18545	Armoire 1800x1000x400
18546	Armoire 1800x1200x400
18547	Armoire 1800x1600x400
18548	Armoire 2000x600x400
18549	Armoire 2000x800x400
18550	Armoire 2000x1000x400
18551	Armoire 2000x1200x400
18552	Armoire 2000x1600x400
18556	Armoire 1800x1000x400
18561	Armoire 1800x800x500
18562	Armoire 1800x1000x500
18563	Armoire 1800x1200x500
18564	Armoire 1800x1600x500
18566	Armoire 2000x800x500
18567	Armoire 2000x1000x500
18568	Armoire 2000x1200x500
18569	Armoire 2000x1600x500

REFERENCE	DESIGNATION
18620	Arm. av.chassis 1800x600x500
18621	Arm. av.chassis 1800x600x600
18622	Arm. av.chassis 2000x600x500
18623	Arm. av.chassis 2000x600x600
18634	Arm. av.chassis 1200x1200x400
18635	Arm. av.chassis 1400x600x400
18636	Arm. av.chassis 1400x800x400
18637	Arm. av.chassis 1400x1000x400
18638	Arm. av.chassis 1400x1200x400
18639	Arm. av.chassis 1600x600x400
18640	Arm. av.chassis 1600x800x400
18641	Arm. av.chassis 1600x1000x400
18642	Arm. av.chassis 1600x1200x400
18643	Arm. av.chassis 1800x600x400
18644	Arm. av.chassis 1800x800x400
18645	Arm. av.chassis 1800x1000x400
18646	Arm. av.chassis 1800x1200x400
18647	Arm. av.chassis 1800x1600x400
18648	Arm. av.chassis 2000x600x400
18649	Arm. av.chassis 2000x800x400
18650	Arm. av.chassis 2000x1000x400
18651	Arm. av.chassis 2000x1200x400
18652	Arm. av.chassis 2000x1600x400
18656	Arm. av.chassis 1800x1000x400
18661	Arm. av.chassis 1800x800x500
18662	Arm. av.chassis 1800x1000x500
18663	Arm. av.chassis 1800x1200x500
18664	Arm. av.chassis 1800x1600x500
18666	Arm. av.chassis 2000x800x500
18667	Arm. av.chassis 2000x1000x500
18668	Arm. av.chassis 2000x1200x500
18669	Arm. av.chassis 2000x1600x500
18671	Arm. av.chassis 1800x800x600
18676	Arm. av.chassis 2000x800x600
18678	Arm. av.chassis 2000x1200x600
18679	Arm. av.chassis 2000x1600x600
18852	Arm. pte tr. 1200x800x300
18854	Arm. pte tr. 1400x600x300
18855	Arm. pte tr. 1400x800x300
18856	Arm. pte tr. 1600x600x300
18857	Arm. pte tr. 1600x800x300
18858	Arm. pte tr. 1800x600x300
18859	Arm. pte tr. 1800x800x300
18861	Arm. pte tr. 2000x600x300
18862	Armoire pte tr. 2000x800x300

18571	Armoire 1800x800x600
18576	Armoire 2000x800x600
18578	Armoire 2000x1200x600
18579	Armoire 2000x1600x600
18601	Arm. av.chassis 1000x1000x300
18602	Arm. av.chassis 1200x800x300
18603	Arm. av.chassis 1200x1000x300
18605	Arm. av.chassis 1400x600x300
18606	Arm. av.chassis 1400x800x300
18609	Arm. av.chassis 1600x600x300
18610	Arm. av.chassis 1600x800x300
18611	Arm. av.chassis 1600x1000x300
18612	Arm. av.chassis 1600x1200x300
18613	Arm. av.chassis 1800x600x300
18614	Arm. av.chassis 1800x800x300
18618	Arm. av.chassis 2000x600x300
18619	Arm. av.chassis 2000x800x300

18864	Armoire pte tr. 1400x600x400
18865	Armoire pte tr. 1400x800x400
18866	Armoire pte tr. 1600x600x400
18867	Armoire pte tr. 1600x800x400
18868	Armoire pte tr. 1800x600x400
18869	Armoire pte tr. 1800x800x400
18871	Armoire pte tr. 2000x600x400
18872	Armoire pte tr. 2000x800x400
18874	Armoire pte tr. 1800x600x500
18875	Armoire pte tr. 1800x800x500
18876	Armoire pte tr. 2000x600x500
18877	Armoire pte tr. 2000x800x500
18880	Armoire pte tr. 1800x600x600
18881	Armoire pte tr. 1800x800x600
18882	Armoire pte tr. 2000x600x600
18883	Armoire pte tr. 2000x800x600