



MARINE DIVISION

Certificate number: 07341/D0 BV

File number: ACE 14/083/01

Product code: 2536D

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

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

NIEDAX France
SAINT CALAIS - FRANCE

for the type of product

CABLE TRAYS / DUCTS

METALLIC TYPE: "PS - EAC/ELP - GRS"

Requirements:

BV Rules for the Classification of Steel Ships.
ISO 1460 - ISO 1461 - EN 10142.

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 mentioned above.

This certificate is a renewal of certificate N° 07341/C0 BV, which expires on 17/04/2012

This certificate will expire on: 07 Jul 2019

For BUREAU VERITAS,

At BV NANTES, on 07 Jul 2014,

Joel Gaurin



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 available on the internet site www.veristar.com. 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 :

Cable trays type **PS** and accessories.

Type PS-G : continuously hot-dip zinc coated steel sheet before forming

Type PS-GC : hot dip galvanizing steel after forming.

Type EAC : Cable ladder (304L & 316L)

Type ELP : Extended length ladder (304L & 316L)

Type GRS : Trunking solid tray (304L & 316L)

2. DOCUMENTS AND DRAWINGS :

As per manufacturer's catalogue pages 22 and 23, filed in ACE 14/083/01.

3. TEST REPORTS :

- Report 099 CGY 97 dated 22 October 1997 issued by BUREAU VERITAS.
- Inspection certificate No. 970441/002/C 1, dated 2013-12-04
- Inspection certificate No. 970506/001/C 1, dated 2013-12-05
- Inspection certificate No. 52 2014 198 10001 5, dated 2014
- Inspection certificate No. 971354/001/A 1, dated 2013-12-12
- Inspection certificate No. 0042046160, dated 2014-03-24
- Inspection certificate No. 52 2011 2665 10001 E, dated 2011
- Inspection certificate No. 8987724/001/ 1, dated 2011-07-11
- Inspection certificate No. 1000326846, dated 2011-09-07

4. APPLICATION / LIMITATION :

- According to BV Rules for the Classification of Steel Ships.
- IEC 60092 series.

5. PRODUCTION SURVEY REQUIREMENTS :

- 5.1 - The above products are to be supplied by **NIEDAX France** in accordance with the type described in this certificate.
- 5.2 - This type of product is within the category DBV of Bureau Veritas Rule Note NR320.

6. MARKING OF PRODUCT :

Inside steel: CES France
 PS type
 CE marking
 Material code (supplier of the material)
 Item code.

7. OTHERS :

7.1 - This approval is given with the understanding that the manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate n° 07341/C0 BV issued on 17 Apr. 2007 by the Society.

*** END OF CERTIFICATE ***