

MARINE DIVISION

67/71 Boulevard du Château
92200 Neuilly-sur-Seine - France

Tel. 33 1 55 24 70 00
Fax. 33 1 55 24 70 45
www.veristar.com



Certificate number: 09051/C0 BV

File number: AP 3040

Product code: 4501H

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

TYPE APPROVAL CERTIFICATE

This certificate is issued to

SIEMENS AG - A&D AS RD
Amberg - GERMANY

for the type of product

PROGRAMMABLE LOGIC CONTROL UNITS

SIMATIC S7-200

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: 18 Mar 2014

At Neuilly, on: 18 Mar 2009

For BUREAU VERITAS,
By order of the Secretary

Approval office

Local office: BV HAMBURG

Surveyor: D. Hoepfner

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 :

"SIMATIC S7-200"

CPU 210	CPU 212	CPU 214	CPU 215	CPU 216	CPU 221	CPU 222	CPU 224	CPU 226
SIM 274								
MC 291								
EM 221	EM 222	EM 223	EM 231	EM 232	EM 235	EM 241	EM 253	
TD 200								
CP 243								

2. DOCUMENTS AND DRAWINGS :

2.1 - Catalogue CA 01 04 / 00 SED.

2.2 - Internet http://www.ad.siemens.de/simatic/index_76.htm.

Note: documents filed in AP 3040.

3. TEST REPORTS :

3.1 - A&D AS E423-0101 dated 28.05.2001.

3.2 - A&D AS RD 423-0301 dated 19.05.2003.

3.3 - N° 03023WZs dated 11.03.2003.

3.4 - A&D ATS 6/03-0394A dated 09.05.2003.

Note: Test reports filed in AP 3040.

4. APPLICATION / LIMITATION :

4.1 - BV Rules for the Classification of Ships.

4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - 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 above products are to be manufactured, examined and tested by **SIEMENS AG - A&D AS RD** 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 **SIEMENS AG - A&D AS RD** has to make the necessary arrangements for a Society's Surveyor to perform visits and product audits at the production sites.

5.3 - **SIEMENS AG - A&D AS RD** has declared to Bureau Veritas that the type of product described in this certificate may be manufactured at the following production site:

SIEMENS AG - A&D AS RD
Werner-von-Siemens-Strasse 50
92224 Amberg
GERMANY

6. MARKING OF PRODUCT :

- Trade name.
- Date of manufacture and serial number.
- Equipment type 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 **SIEMENS AG A&D AS RD, Amberg - 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.

7.2 - This Certificate supersedes the Type Approval Certificate N° 09051/B0 BV issued on 05/01/2004 by the Society.

*** END OF CERTIFICATE ***