



CHINA CLASSIFICATION SOCIETY

PRODUCTS INSPECTION PLAN

In accordance with the relevant requirements of the Rules for Classification of Sea-going Steel Ships of China Classification Society, the marine products of the Applicant mentioned below have been approved by CCS. CCS will implement the inspections of products and certification according to the rules and standards of products and the product specialized quality system of the Applicant and on basis of the following products inspection plan.

1. Applicant: VACON Oy
2. No. of the approval certificate: SW16Q00003
3. Approved marine products: Frequency converter (NX series)
4. Basis for inspections of products:
 - Chapter 2&3, Part Four of CCS Rules for the Classification of Sea-going Steel Ships 2015 and its amendments
5. Products inspection items:
 - 5.1.1 Test items to be witnessed by CCS: Nil.
 - 5.1.2 Test items in test report submitted to CCS for review: 1) Protective conductor test; 2) High Voltage insulation test; 3) Functional test; 4) Burn In; 5) Pressure test
 - 5.1.3 The relevant documents to be submitted to CCS for review:
 - 1) Manufacturer's certificate of compliance;
 - 2) Test report;
 - 3) The product nameplate scanned in PDF;
 - 4) Purchase order.
 - 5.1.4 Control points to be witnessed by CCS during manufacturing: Nil.
- 5.2 Quality system audit items
 - 5.2.1 The effective implementation of the specialized quality system, control records of important nodes
 - 5.2.2 The effective control of purchasing and subcontracting of raw material,



components and parts

5.2.3 The type, specification, and source of raw material, components and parts consistent with documents approved by CCS

5.2.4 Acceptance records of purchasing and subcontracting of raw material, components and parts

6. Type of products certificates

6.1 Marine products certificate or

~~6.2 Equivalent document~~

~~6.3 Manufacturer's document (products of which the type approval and/or works approval is required but the products certificate is not required) with copy of approval certificate attached~~

7. Procedure for application for inspections of marine products

Application form, inspection certificate and list of certified material are submitted to CCS Stockholm office – Ship Surveyor is assigned – the relevant documents to be reviewed – CCS certificate is issued

8. Liability, disagreement and arbitration

Liability, disagreement and arbitration of both parties are specified in Section 14, Chapter 2, PART ONE of CCS Rules for Classification of Sea-going Steel Ships

9. Other explanations N.A.

10. Implementation and invalidity of products inspection plan

10.1 The plan is valid from 2016-06-15 to 2020-06-14

10.2 Where the approval certificate of the Applicant is invalid, the inspection plan will automatically cease to be in force.

10.3 The products inspection plan shall be modified where any serious defects found by CCS in the product specialized quality system of the Applicant affect the product quality, and the Applicant shall be informed of it in writing.



Date: June 15, 2016