



CHINA CLASSIFICATION SOCIETY

PRODUCTS INSPECTION PLAN

According to related regulations in the Rules and Regulations for the Classification of Seagoing Steel Ships of China Classification Society, the following marine products produced by the customer have already been approved by CCS, based on the product specification and standard and the customer's product quality system CCS shall carry out the product inspection and certification work according to the following product inspection plan:

1. Customer: HEROSE GmbH Armaturen und Metalle
2. Approval certificate number: HB20PTB00033
3. Approved marine products: Globe Valve, Check Valve, Strainer
4. Product inspection basis:

Chapter 2, Part 3 of China Classification Society Rules for Classification of Sea-going Steel Ships 2018 and its Amendments

Chapter 5, Part Three of China Classification Society Rules for Construction and Equipment of Ships Carrying Liquefied Gases in Bulk 2018 and its Amendments.

International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk, IMO (by MSC.5.(48)) and its amendments.

IACS UR G3 (Rev.6): Liquefied Gas Cargo and Process Piping

5.1 Products inspection items:

- 5.1.1 Test/inspection item to be witnessed by CCS

The valves and strainers shall be tested according IACS UR G3

- 5.1.2 Test reports without CCS witness submitted for CCS audit (including those test items required by ACS)

- 5.1.3 Important parts to be submitted for CCS inspection (In case of outsourcing, CCS product certificate shall be provided, see the list in annex)

- 5.1.4 Quality control plan approved by CCS (if any)

5.2 Quality system audit items

- 5.2.1 Control record of quality system running effectiveness and important nodes

- 5.2.2 Effectiveness of raw material and component purchase and subcontracting control

- 5.2.3 The consistency between model, specification and source of raw materials and components and that stated in the approved document

- 5.2.4 The purchase and subcontracting inspection record of raw material and components

6. Type of products certificates

- 6.1 Marine products certificate

6.2 Signing equivalent supporting document

6.3 Manufacturer's document (products for 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 to be directly sent to CCS Hamburg by hb@ccs-eu.com

8. Liability, disagreement and arbitration

The responsibilities, disagreement and arbitration of two parties are described in Section 13, Chapter 2, Part 1 of the Rules and Regulations for the Classification of Seagoing Steel Ships.

9. Other specifications

10. Implementation and invalidity of products inspection plan

10.1 The plan shall be valid from 02/09/2020 to 20/06/2024.

10.2 After the approval certificate of customer gets invalid, the inspection plan shall be invalid automatically.

10.3 If serious defects are found in customer's product quality system that affect product quality, CCS will adjust product inspection plan and notify customer in writing.

CHINA CLASSIFICATION SOCIETY Hamburg Branch



Note: Mark with × for "Applicable" or with "—" for "Not applicable".