



NIPPON KAIJI KYOKAI

COPY

## TYPE APPROVAL CERTIFICATE

Certificate No. TA25580M

**This is to certify** that the undernoted product(s) has been approved in accordance with the relevant requirements of "Rules for the Survey and Construction of Steel Ships", "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use" as specified below, and that the product(s) is found to comply with "International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code)" as amended by Res.MSC.370(93) and "International Code of Safety for Ships using Gases or other Low-Flashpoint Fuels (IGF Code)" as adopted by Res.MSC.391(95).

This certificate is issued to

Manufacturer: **SAMSON AKTIENGESELLSCHAFT**  
Product description: **Control Valves for Low Temperature Service**  
Type designation(s): **As per attached sheet**  
Applied requirement: 

- **Chapter 5 Part N Annex 1, Guidance for the Survey and Construction of Steel Ships**
- **Chapter 5 Part GF Annex 1, Guidance for the Survey and Construction of Steel Ships**
- **Part 6, Chapter 2, Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use**

  
Approval No.: **10LA003B**

This certificate is valid until **8 July 2030**.

Issued at Tokyo on **9 July 2025**.

The details are described in the attached sheets.

  
for (S. Oishi)  
General Manager of  
Machinery Department



1. Particulars

Type	Drawing No.	Maximum Size	Cv	Maximum Design Pressure [MPa]	Minimum Design Temperature [°C]
3241	1010-5745 1040-0095 1040-0121 1040-0122 1040-0758 1000100062 1000115458 1000115459 1000115478 1000115573 1000115575	DN150	300	5.0	-196

2. Notes

- Compatibility with intended fluids is to be otherwise confirmed by the Society.
- The valves are to be used for control purpose only.
- Operating media include flammable gases, nitrogen and cryogenic liquefied gases including LNG.
- Details of construction is to be in accordance with the Manufacture's drawing approved on **28 September 2015, 20 July 2021 and 9 July 2025** with the following comments.
- The following parts are to be verified by NK Surveyor for 3.2 certification.

Part No.1	Body	1.0619 / A216 WCC 1.4308 / A351 CF8 1.4309 / A351 CF3 1.4401 / A182 F316 / A479 316 1.4404 / A182 F316L / A479 316L 1.4408 / A351 CF8M 1.4409 / A351 CF3M
Part No.2	Cover	1.0460 / A105 1.0619 / A216 WCC 1.4301 / A182 F304 1.4306 / A182 F304L 1.4308 / A351 CF8
Part No.21, 22	Extension/bellow piece	1.4309 / A351 CF3 1.4401 / A182 F316 / A479 316 1.4404 / A182 F316L / A479 316L 1.4408 / A351 CF8M 1.4409 / A351 CF3M

- Production inspection is required for each product in the presence of the Society's surveyor.