



Approval No. ST61RO

Certificate No. TA191252E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

**Liberty Galati S.A.
Calea Smardan, Galati
Romania**

has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 1, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

MATERIALS : Rolled Steels for Hull

The details of the relevant approval conditions are given in the PARTICULARS OF APPROVAL listed in the reverse of this certificate.

The products for the ships classed with the Society are to be manufactured, tested and inspected in compliance with the Rules.

This Certificate is valid from 28 August 2019 until 30 June 2023.
Issued at Tokyo on 3 October 2019.

H. Kobayashi
General Manager
Material and Equipment Department



List of PARTICULARS OF APPROVAL

	Ref. No.	Issue Date
1.	TA191253E	3 Oct. 2019

Note: This certificate was rewritten because of change of company name.

No. : TA191253E

Date: 3 October 2019

PARTICULARS OF APPROVAL

Approval Condition for Manufacturing Process of Rolled Steels for Hull

1. Manufacturer : Liberty Galati S.A.
2. Kind of Product : Plates
3. Grade : KA, KB, KD, KE, KA32, KD32, KE32,
KA36, KD36 and KE36
4. Deoxidation Practice : See Table
5. Grain Refining Elements : See Table
6. Max. Thickness : See Table
7. Condition of Supply : See Table
8. Steel Making Process : Basic Oxygen Furnace
9. Casting Process : Continuous Casting

(to be cont.)



