



Approval No. ST167RO
Certificate No. TA18479E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

TRINECKE ZELEZARNY, a.s.
Stare Mesto, Trinec
Czech

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 Steel Bars for Machine Structures

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 21 May 2018 until 20 May 2023.
Issued at Tokyo on 21 May 2018.

Initial Approval Date: 21 May 2018




H. Kobayashi
General Manager
Material and Equipment Department

List of PARTICULARS OF APPROVAL

	Ref. No.	Date
1.	TA18480E	21 MAY 2018

No. : TA18480E

Date : 21 May 2018

PARTICULARS OF APPROVAL

Approval Condition for Manufacturing Process of Rolled Steel Bars for Machine Structures

1. Manufacturer : TRINECKE ZELEZARNY, a.s.
2. Kind of Product : Round Bars
3. Grade : C45 (Material Number 1.0503, EN 10083) ,
C45E (Material Number 1.1191, EN 10083),
42CrMo4 (Material Number 1.0503, EN 10083) and
42CrMoS4 (Material Number 1.7227, EN 10083)
4. Max. Diameter : 210mm
5. Condition of Supply : AR
6. Steel Making Process : Basic Oxygen Furnace
7. Casting Process : Continuous Casting



H. Kobayashi
General Manager
Material and Equipment Department

