



Approval No. ST40PI
Certificate No. TA19837E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

**Tubacex Tubos Inoxidables S.A.U., (T.T.I.), Amurrio Works
Alava, Basque Country
Spain**

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 2, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

MATERIALS : Stainless Steel Pipes

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 14 May 2019 until 13 May 2024.
Issued at Tokyo on 12 June 2019.



H. Kobayashi
General Manager
Material and Equipment Department

No. : TA19838E

Date : 12 June 2019

PARTICULARS OF APPROVAL

Approval Condition for Manufacturing Process of Stainless Steel Pipes

1. Manufacturer : Tubacex Tubos Inoxidables S. A. U., (T.T.I.),
Amurrio Works
2. Grade : K304LTP
3. Deoxidation Practice : Not Applicable
4. Method of Manufacturing : Cold Finished Seamless Steel Pipe
5. Dimension : Range of Outside Dia. : 15mm ~ 38mm
Range of Wall Thickness : 1mm ~ 2mm
6. Condition of Supply : Solid Solution Treatment
7. Welding Method : Not Applicable
8. Remark : Semi-finished products are to be supplied by
the Society-approved manufacturers who
are able to deliver the said semi-finished
products with the specified chemical
composition corresponding to the above
material grades approved.



H. Kobayashi
General Manager

Material and Equipment Department

