



NIPPON KAIJI KYOKAI

COPY

## TYPE APPROVAL CERTIFICATE

Certificate No. TA18414M

**This is to certify** that the undernoted product(s) has/have been approved in accordance with the requirements 12.6.1, Chapter 12, Part D of “Rules for the Survey and Construction of Steel Ships” and Chapter 12, Part 6 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use”.

This certificate is issued to

Manufacturer:

**Euroform Çelik İmalat San. ve Tic.Ltd.Şti.**

**Topselvi Mah. Örnekköy Yolu No:15/A  
16800**

Product description :

**Orhangazi – Bursa – Turkey**

**Seamless and Welded Stainless Steel Fittings  
(Elbows, Tees, Reducers, Caps)**

Type designation(s) :

**See the attached sheet**

Approval No. :

**18WV001B**

Valid until :

**11 September 2023**

This certificate is subject to the conditions specified in the attached sheet.

Issued at Tokyo on 12 September 2018



**T. Shimada**  
General Manager  
Machinery Department

1. Particulars and conditions :

Primary material	Kino of pipe joint	Heat treatment	Dimension	
			Range of Outside Dia.(mm)	Range of Thickness(mm)
Stainless Steel Pipes • 304L • 316L	Tee	Annealing	33.40 ~ 219.10	2.77 ~ 3.76
	Elbow		21.30 ~ 219.10	2.77 ~ 8.18
	Cap		21.30 ~ 219.10	2.77 ~ 8.18
	Reducer		26.7 x 21~ 406.4 x 324	2.11 x 2.11~ 4.78 x 4.57

- Processing methods

- Tee : Doc. No. E.iA.06.02
- Elbow : Doc. No. E.iA.06.01
- Cap : Doc. No. E.iA.06.04
- Reducer : Doc. No. E.iA.06.03

- Manufacturer of the primary material

- a) ZHEJIANG KANGLONG STEEL INDUSTRY CO., LTD.
- b) OSTP FINLAND OY AB
- c) OSTP Sweden AB
- d) ILTA INOX S.p.A.
- e) Baofeng Steel Group Co., Ltd.
- f) H. Butting GmbH & Co. KG
- g) Marcegaglia S.p.A

2. Type approval tests carried out

Mechanical test, Micro test, welding test, Visual and dimension inspections

3. Production test

Material test, Production weld tests and Visual inspections and dimension inspections are to be carried out.

- Notice

Any significant changes in design or construction of the above items may render this certificate invalid.

- The End -