



## TYPE APPROVAL CERTIFICATE

### 형식 승인증서

**Certificate No.** : CWN80397-PE001 **Date of Approval** : 22nd March, 2006.  
**Product** : Pipe Fittings  
**Manufacturer** : DK TECH Corp.  
826 Naesam-Ri, Juchon-Myeon, Kimhae-Si, Kyungsannamdo

**Product Description** : - Bite Type Tube Fittings  
- Dk-Lock Tube Fittings  
See "ANNEX 1"

**Approval Condition** : See "ANNEX 1"

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 5, Ch. 6, Art. 104 of the Rules for Classification, Steel Ships.

This Certificate is valid until 21st March, 2011.

Issued at Daejeon, Korea on 22nd March, 2006.



한국선급  
KOREAN REGISTER OF SHIPPING

*Moon-Kyu Park*

Moon-Kyu Park  
General Manager of  
Materials and Equipment Team

**Note** : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey.  
2 : Any significant changes of products and or manufacturing process render this certificate invalid.

## Appendix 1

# Product Description and/or Approval Condition

**Certificate No :** CWN80397-PE001

**Date of Approval :** 22nd March, 2006.

© Product Description :

1. Bite Type Tube Fittings

- Material : Stainless Steel, Carbon Steel, Brass\*
- Elastomer seal : NBR, FKM, PTEE
- Pipe O.D. (mm) : 6 mm to 42 mm, 1/8 inches to 1-1/2 inches
- Design Pressure (Bar) :
  - Stainless Steel : 49 MPa to 20.6 MPa depending on sizes
  - Carbon Steel : 49 MPa to 20.6 MPa depending on sizes
  - Brass : 24.5 MPa to 11.7 MPa depending on sizes

2. Dk-Lock Tube Fittings

- Material : Stainless Steel, Brass\*
- Elastomer seal : NBR, FKM, PTEE
- Pipe O.D. (mm) : 2mm to 38 mm, 1/16 inches to 2 inches
- Design Pressure (Bar) :
  - Stainless Steel : 67 MPa to 31 MPa depending on sizes
  - Brass : 23 MPa to 10.9 MPa depending on sizes

\* Joints made of Brass not to be used in the line with a design temperature over 200 °C.

© Approval Conditions :

1. This approval is granted on the basis of Test reports No. DK-20000418-053 done by DK Tech & approved by DNV (28. Sep. 2000)
2. No product certificate required.

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