



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. P-11094
This Certificate consists of 4 pages

This is to certify that the
Pipe Couplings, Bite and Compression Type
with type designation(s)

**DK-LOK: DU, DUR, DLU, DTU, DBU, DMC-N, DMC-R,
DMC-G, DOM, DBMC, DLMA, DLMB, DRTM, DBTM, DFC,
DGC, DBFC, DLF, DRTF, DBTF, DR, DBR, DAM, DAF, DFU,
DBFU, DFA, DWC, DLW, DSWC, DLSW, DPA, DCA, DN,
DFF, DFB**

Manufactured by
DK Tech Co., Ltd.
Pusan 617-060, Republic of Korea

is found to comply with
Det Norske Veritas' Interpretation of SOLAS 1974 Convention as Amended
Det Norske Veritas' Standards for Certification 2.9 No. 102

Application
May be used for: hydraulic oil, fuel and lube oil (not high-pressure fuel oil injection),
compressed air, steam and condensate, fresh and sea water, sanitary systems

Temperature range: -20°C to 300°C
Max. working press.: Dep. on size and temp., see cert.
Sizes: For pipe O.D. 6mm to 38mm - 1/4" to 2", see certificate

Place and date
Høvik, 2001-11-15
for DET NORSKE VERITAS AS

Kjell Folge
Kjell Folge
Head of Section



Local Office
DNV Pusan District Office

This Certificate is valid until
2004-12-31

Kristian Lindelof
Kristian Lindelof
Surveyor

Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



DNV

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. P-10778
This Certificate consists of 4 pages

This is to certify that the
Pipe Couplings, Bite and Compression Type

with type designations


**BU, BBU, BMC-R, BLMC, BMC-G, BOM, BFC, BBFC, BGC,
BCA, BHUM, BHUF, BHBM, BHBF, BCW, BBUW, BA-R, BA-
G, BR, BL, BLM, BLLM, BBL, BOLM, BLF, BSLM, BHLM,
BHLF, BHBLM, BHBLF, BLA, BT, BBTM, BRTM, BBTF,
BRTF, BBTA, BC, BP, BJ, BN, BS**

Manufactured by
DK Tech Co., Ltd.
Pusan, Korea, Republic of

is found to comply with
Det Norske Veritas' Rules for Classification of Ships and Mobile Offshore Units
Det Norske Veritas' Standards for Certification 2.9 No. 102

Application
May be used for: hydraulic oil, fuel and lube oil (not high-pressure fuel oil injection),
compressed air, steam and condensate, fresh and sea water, sanitary systems
Temperature range: -20°C to 300°C
Norm. working press.: Dependent on size and temperature, see cert.
Sizes: 6, 8, 10, 12, 15, 16, 18, 20, 25, 28 and 30mm

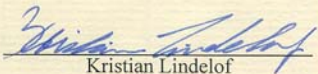
Place and date
Høvik, 2000-08-08
for DET NORSKE VERITAS AS


Kjell Folge
Head of Section



Local Office
DNV Pusan District Office

This Certificate is valid until
2004-12-31


Kristian Lindelof
Surveyor

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