



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. D-3548

This Certificate consists of 4 pages & replaces D-2693

This is to certify that the

Pipe Fittings

with type designation(s)

1", 1-1/2", 2" & 3" Fig 1502 Union Components and Pup Joint Assemblies

Manufactured by

**GKD Industries Ltd.
CALGARY, ALBERTA - CANADA**

is found to comply with

DNV's Offshore Standard DNV-OS-E101 "Drilling Plant" October 2006

and Det Norske Veritas' understanding of the implementation and interpretation of:

- PSA's "Regulations relating to the Design and Outfitting of Facilities etc. in the Petroleum Activities (the Facilities Regulations)", Chapter IV, last amended December 2007.

Application

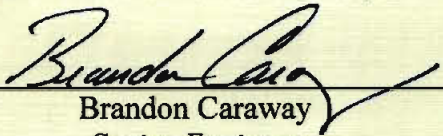
See design limitations on page 2

Place and date

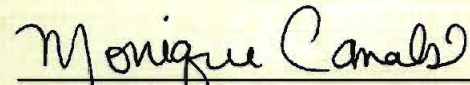
Houston, 11 February 2009
for DET NORSKE VERITAS (USA) INC.



This Certificate is valid until
28 February 2013


Brandon Caraway
Senior Engineer

Local Office
DNV Houston


Monique Annette Canales
Project Engineer

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