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# DET NORSKE VERITAS

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## TYPE APPROVAL CERTIFICATE

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**CERTIFICATE NO. P-11937**  
This Certificate consists of 4 pages


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

*Manufactured by*  
**EXMAR Armaturen GmbH**  
Ober-Mörlen, Germany

*is found to comply with*  
Det Norske Veritas' Rules for Classification of Ships  
Det Norske Veritas' Standards for Certification 2.9 No. 5-792.20

*Application*  
The couplings may be used for fuel, lubrication, hydraulic, fresh water, compressed air, sanitary, steam and condensate systems.  
Temperature range: -40°C to +600°C  
Max. working press.: 160 to 630 bar size and type dependant  
Sizes: 6 to 42 mm

*Place and date*  
Høvik, 2005-06-06  
for DET NORSKE VERITAS AS

  
John Olav Nøkleby  
Head of Section



*Local Office*  
DNV Essen

*This Certificate is valid until*  
2007-06-30

  
Tom Berg-Nielsen  
Surveyor

**Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.**

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.