



# DET NORSKE VERITAS

## TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. **P-14039**

This is to certify that the  
**Hydraulic Cylinders**

with type designation(s)  
**Hydraulic cylinders for watertight door**

Manufactured by  
**A4 Hydrauliek B.V.**  
**KAMPEN, Netherlands**

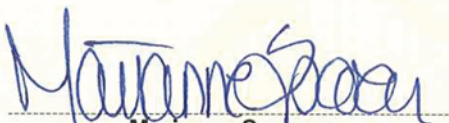
is found to comply with  
Det Norske Veritas' Rules for Classification of Ships  
DNV Standard for Certification 2.9, 5-778.93 Approval of hydraulic cylinders

<b>Max work press. push</b>	<b>200</b>
<b>Max work press. pull</b>	<b>200</b>
<b>Cylinder sizes</b>	<b>40/28-1500, 60/35-1500, 63/45-1500, 80/40-1500</b>

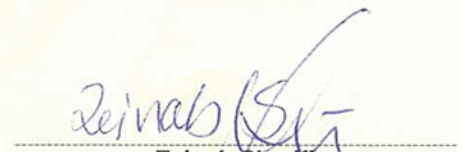
**Høvik, 2012-02-02**  
for Det Norske Veritas AS



This Certificate is valid until  
**2016-06-30**

  
Marianne Spæren  
Head of Section

DNV local office:  
Rotterdam

  
Zeinab Sharifi  
Surveyor



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.