



# DET NORSKE VERITAS

## TYPE APPROVAL CERTIFICATE

**CERTIFICATE NO. P-13130**  
This Certificate consists of 4 pages

*This is to certify that the*  
**Flexible Hoses of Non-Metallic Material with Permanently  
Fitted Couplings**  
*with type designation(s)*  
**H13D, H13A**

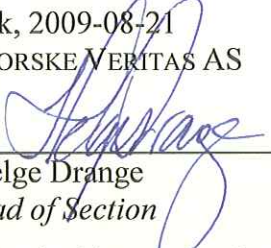
*Manufactured by*  
**RYCO Hydraulics Pty. Ltd.**  
Footscray, Victoria, Australia

*is found to comply with*  
Det Norske Veritas' Rules for Classification of Ships  
Det Norske Veritas' Standards for Certification 2.9 No. 5-791.70

*Application*  
May be used for hydraulic, fuel oil, lubricating oil, compressed air, fresh water, sea water  
and compressed air systems.

Temperature range:	-40°C to +121°C
Max. working press.:	350 bar (dependent on size)
Sizes:	DN20, 25, 32, 40 and 50

*Place and date*  
Høvik, 2009-08-21  
for DET NORSKE VERITAS AS

  
Helge Drange  
Head of Section



Local Office  
DNV Melbourne

*This Certificate is valid until*  
2012-12-31

  
Carl Ulrik Simonsen  
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.