

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **86 177 - 09 HH**

Company **HKS GmbH**
Schonenfahrerstr. 1
18057 Rostock, GERMANY

Product Description **FLAME RESISTANT PTFE HOSE ASSEMBLIES WITH FIRE PROOF SLEEVES**

Type **S 032**
S 050

Environmental Category **None**

Technical Data /
 Range of Application **TECHNICAL DATA**
Hose Construction:
PTFE inner tube, stainless steel wire braids reinforcement, fire sleeve cover
Sizes: DN 32, DN 50
M.A.W.P.: 16 [bar]
M.A.W.T.: 150 [°C]
Hose fittings: Flanges
PTFE Hose: Type R272 / R276
Fire sleeve: Type 624 acc. To GL Type Approval Certificate 84 559-93 HH

RANGE OF APPLICATION

The hose type S 032/S050 is type approved in fuel-, lubricating oil-, hydraulic oil-, fresh water cooling- and seawater cooling systems and auxiliary piping system.

The installation requirements of the manufacturer and the GL Rules I -1-2 - Machinery Installations, Section 11.U are to be observed

Test Standard **GL VI-7-8 Test Requirements for Components and Systems of Mechanical Engineering : 2008**

Documents
 - Fire resistance test reports 60/08, 61/08 issued by WTD 71
 - Impulse pressure test report dated 28.09.2009 issued by TÜV SÜD
 - Burst pressure test dated 12.10.2009
 - Assembly drawing no. 2906334-01, 2906334-02, 22906334-05

Remarks **Each batch of hose assemblies is to be subjected to final inspection by DNVGL surveyor in the manufacturer work shop**

Valid until **2019-12-02**

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File No. **II.D.02**

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Type Approval Symbol



DNV GL


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