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Register

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Alfagomma Hydraulic Spa Via Enrico Mattei, 6 64020 Castelnuovo Vomano Teramo Italy
DESCRIPTION	Flexible hydraulic hoses with oil resistant synthetic rubber tube reinforced by four / six high tensile steel wire spirals and covered with an oil & fire resistant synthetic rubber.
TYPE	Dunlop Firesafe 5K Alfagomma Firesafe 5K
APPLICATION	For hydraulic systems of Blowout Preventer control lines on drilling rigs.
STANDARD	API 16D 2nd Edition: Specification for Control Systems for Drilling Well Control Equipment and Control Systems for Diverter Equipment

Certificate No.	17/20021
Issue Date	28 February 2017
Expiry Date	27 February 2022
Sheet	1 of 2



Lloyd's Register EMEA
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RATINGS

Size: DN10 up to DN51 / 3/8" up to 2"
 Design pressure: 350 bar / 5000 psi
 Temperature Range: -40 to 121°C

Fittings:

H 1100404 size DN10
 H 1400200 size DN12 up to DN25
 H 1400301 size DN32 up to DN51

OTHER CONDITIONS


Not to be used for applications where hoses are frequently exposed to pulsing, vibration and bending in service.
 Installation is to be in accordance with the manufacturer's instructions.

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ENS 35766-17 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Sheet 2 of 2

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LR031.1.2016.06

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