



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 02/ 00029(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

DESCRIPTION	Marine diesel exhaust hose consisting of black EPDM rubber tube, with or without steel black helix and synthetic textile reinforcement, and black EPDM cover, with end fittings
TYPE	SAE J2006 R1 and R2
APPLICATION	Short joining lengths of marine exhaust hose
SPECIFIED STANDARDS	Lloyd's Register's Rules and Regulations for the Classification of Ships; Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft; SAE J2006:1995
RATINGS	Diameter (DN): 13 to 400 Max. Working pressure (bar): 4.5 Temperature range (°C): ≤ 120
OTHER CONDITIONS	1. The hose assemblies are not to be subject to torsional deflection under normal operating conditions.

Certificate No.	02/ 00029(E3)
Issue Date	25 May 2017
Expiry Date	1 April 2022
Sheet	1 of 2



M.H.M.Rila
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Marine & Offshore Lloyd's Register

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- 2. The manufacturer's instructions regarding the suitability of the hose assemblies for the intended fluids, pressures, temperatures and ambient conditions are to be adhered to.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate"

The attached Design Appraisal Document No. 02/00029(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate

All other details remain as the previous Certificate No. 02/ 00029(E2) to which this extension should be attached.

Certificate No. 02/ 00029(E3)
 Issue Date 25 May 2017
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 Sheet 2 of 2



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