

Certificate



Functional
Safety
Type
Approved

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ID 060000000

No.: 968/FSP 1054.00/15

Product tested	Documentation of Mark III Multiplex BOP Control System	Certificate holder	Cameron Drilling Systems 6650 Bingle Road Houston, TX 77092 USA
Type designation	Emergency disconnect sequences of Songa Equinox CAT-D1 Direct Hydraulic BOP Control System Application software: Surface: Songa Cat-D _Version 0.1 Block Version 2 Sub sea: Songa Cat-D _Version 0.1 Block Version 2		
Codes and standards	IEC 61508 Parts 1-7:2010		
Intended application	Safety function: Emergency disconnect sequences for deep sea oil well control. The documented design of the Songa Cat-D Mark III Multiplex BOP Control System complies with the requirements of the relevant standard (SIL 2 according to IEC 61508).		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		

Valid until 2020-03-17

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1054.00/15 dated 2015-03-17.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

TÜV Rheinland Industrie Service GmbH
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Certification Body for FS-Products

Köln, 2015-03-17

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