

Type Approval Certificate

This is to certify that the undernoted product(s) 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	Amnitec B.V. Abraham van Stolkweg 118 3041 JA ROTTERDAM The Netherlands
DESCRIPTION	Stainless Steel compensators of 1.4571 with welded ends or flanges on both ends
TYPE	Pump Connector, Type RFB & RWB Axial Expansion Joint, Type RFA-R & RFA-S
APPLICATION	Compensator on thermal oil piping systems on ships classed or intended for Classification with Lloyd's Register

RATINGS

Type	Diameter Range	Design Pressure [barg]	Design Temperature [°C]
RFB	DN50 – DN 200	16	250
	DN250	10	250
RWB	DN50 – DN 200	16	250
	DN 250	10	250
RFA-R	DN80 – DN200	16	250
RFA-S	DN80 – DN200	16	250

Certificate No.	15/30016
Issue Date	30 October 2015
Expiry Date	29 October 2020
Sheet	1 of 2



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Lloyd's Register EMEA
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STANDARD

E.J.M.A. 10th Edition
LR Rules and Regulations for the Classification of Ships, July 2015

OPERATIONAL
LIMITATIONS

Operational limits to be applied depending on the materials of connectors and expected service temperature in accordance with the manufacturer's instructions.

"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.RTS/TA/1590319 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 15/30016
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