



BUREAU
VERITAS

FIBRE ROPE FOR DEEP WATER MOORING CERTIFICATE OF APPROVAL ATA424E – 99 - 003

Manufacturer:	LANKHORST EURONETE ROPES S.A		
Place of manufacture:	Povoa de Varzim, Portugal		
Product:	GAMA 98 Polyester Mooring Rope		
Reference specification:	RSS1-1, and RDS1-1, dated 15/06/98		
Material:	High tenacity polyester fibres – Trevira T785		
Material supplier:	INVISTA		
Rope construction:	rope core:	parallel subropes	
	sub ropes:	braided, 8 strands	
	cover:	braided, 32 plaits	
Termination:	spliced, with thimbles and shackles		
Ref. Diameter :	200 mm	Weight	: 24.8 kg/m
Minimum guaranteed breaking strength:			9810 kN

This is to certify that, at the request of *LANKHORST EURONETE ROPES S.A*, the design, the manufacturing process and the testing of prototype ropes of the above referenced item was evaluated, as detailed in the technical report ATA424N-DTO-MF, on the basis of the following documents :

- ◆ PETROBRAS specification ET 3000.00-6651-962-PGT-001 Oct97
« Polyester ropes for mooring line ».
 - ◆ Bureau Veritas guidance note NI 432 DTO R00 – 1997 :
« Certification of synthetic fibre ropes for mooring systems »
- and found in compliance with the requirements of these documents.

Issued In Paris, October 21st, 2009

For and on behalf of BUREAU VERITAS



Michel FRANÇOIS

Note:

This certificate is a reissue of the certificate ATA424E-99-001 dated April 15th 1999, with updated company names.
This certificate is issued within the scope of the Bureau Veritas Marine Division General Conditions