Main changes in NR658

The main changes in Bureau Veritas Rules NR658 - Type Approval of Fibres and Yarns - December 2024 edition with respect to the previous edition (NI658 R00 – December 2018) are as follows.

Rules history

December 2024 edition entry into force on December 1st, 2024 Contents	Previous edition: December 2018 Entry into force on December 1st, 2018 Contents
Type Approval of Fibres and Yarns [NR 658 DT R01 December 2024]	Type Approval of Fibres and Yarns [NI 658 DT R00 E December 2018]

Overview

General update:
- Clarification of the context of certification in the scope of classificétion
- Definitions of the certification scheme
- Definitions of symbols moved from Sec 2 to Sec 1
- Addition of a new requirement for the coating persistence for aramid and polyarylate fibres.

Section 1 – General

Topic	Description	Reference
Scope and application	Rewording and development of the scope of this Rule Note	[1.1]
Symbols	Replacement of Deepwater line (DW) and FSRU mooring line (FM) by Stationkeeping lines (SK) and Jetty mooring line (JM)	All text
Type Approval	Certification scheme is detailed	[1.2]
Definitions	Update of definitions, in line with NR432	[2.2]
References	References updated	[1.4]

Section 2 – Design and manufacturing documents

Topic	Description	Reference
Symbols	Removal of the "symbols" section (these symbols are now defined in Sec 1)	-
Yarn tenacity	New criteria related to yarn tenacity, referring to NR432, Sec 3	[1.3.2]
Coating	Rewording of the criteria related to marine finish efficiency of polyester and polyamide fibres	[1.3.3], a)
Coating	New requirement related to the persistence of coating for aramid and polyarylate fibres	[1.3.3], b)
In-rope properties	Replacement of cycling bending over sheave" by "angled endurance (for JM)", as the application for subsea lowering lines has been deleted from NR432	[1.3.5]
Documentation for fabricated yarns	Technical documentation for fabricated yarns is further detailed	[1.5.3]

Section 3 –Type Approval

Topic	Description	Reference
Audit	The program for audit of production quality system is further detailed	[1.1.2]